



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

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

<b>ITB No:</b>	21-11-3635	<b>Date:</b>	November-02-2021
<b>PR No:</b>	GAA-21-10-12419	<b>Date:</b>	October-11-2021
<b>Source of Funds:</b>			
<b>Total ABC:</b>	Php 400,000.00		
<b>Time, Date &amp; Venue of Pre-bid Conference:</b>	November 11, 2021, 9:00 AM at Via videoconferencing		
<b>Time and Date of Submission of Bids:</b>	November 23, 2021, 09:30 AM		
<b>Time, Date &amp; Venue of Opening Bids:</b>	November 23, 2021, 10:00 AM at DOST-ASTI and Videoconferencing		
<b>Date of availability of Complete Set of Documents:</b>	November 03, 2021		
<b>Deadline of Potential Bidder's Clarifications:</b>	November 13, 2021		
<b>Deadline of ASTI's Supplemental Bid Bulletin:</b>	November 16, 2021		
<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,

**GERWIN P. GUBA**  
BAC Chairman

NO.	TECHNICAL SPECIFICATIONS	QTY	UNIT	UNIT PRICE(Php)	TOTAL PRICE(Php)
1	<p><b>MOBILE WORKSTATION</b></p> <p>1 GENERAL OVERVIEW</p> <p>1.1. The Advanced Science and Technology Institute (ASTI) is seeking qualified and competent bidders for the Supply and Delivery of one (1) set of a mobile workstation.</p> <p>1.2. The approved budget for the contract is inclusive of all applicable government taxes and services charges.</p> <p>1.3. The technical specifications written herein are of the minimum requirement unless stated.</p> <p>1.4. The procurement of this mobile workstation will be used for the research and development activities of the Embedded Systems Group (ESG).</p> <p>2 TECHNICAL SPECIFICATIONS</p> <p>2.1. Operating System: Genuine Windows 10 PRO</p>	1	set	100000.00	100,000.00

- 2.2. Processor: at least Intel i5-11th Generation or higher
- 2.3. Memory: at least 16GB DDR4 3200MHz
- 2.4. Disk Space: at least 512GB SSD M.2 2280 NVME or higher
- 2.5. Video Card: Nvidia Quadro T500 4GB or higher variant
- 2.6. Display: 14", FHD, Anti-Glare, 400 Nits
- 2.7. Camera: 720p HD with Microphone
- 2.8. Audio: Built-in stereo speakers and Built-in Digital Microphone
- 2.9. Keyboard: backlit, Spill-Resistant
- 2.10. Touch Interface: Touchpad with finger gesture support
- 2.11. Ports
  - 2.11.1. Two (2) x USB 3.2 Gen 2
  - 2.11.2. One (1) HDMI 2.0
  - 2.11.3. One (1) RJ45
  - 2.11.4. One (1) MicroSD card reader (UHS-II)
  - 2.11.5. One (1) Headphone / mic combo
- 2.12. Battery: at least 50Wh (3 cell)
- 2.13. WLAN: at least Wi-Fi 6
- 2.14. Bluetooth: at least Bluetooth 5.0
- 2.15. Built Quality: Tested against MIL-SPEC Standard or equivalent

### 3 ACCESSORIES

- 3.1. One (1) unit 65W AC Adapter
- 3.2. One (1) unit Wireless Mouse
  - 3.2.1. Specifications
    - 3.2.1.1. DPI (Min/Max): 1000±
    - 3.2.1.2. Battery: 1 x AA (included)
    - 3.2.1.3. Number of Buttons: 7
    - 3.2.1.4. Wireless operating distance: 393.7 in (10m)
    - 3.2.1.5. Wireless technology: 2.4GHz wireless technology
    - 3.2.1.6. Bluetooth Required: Bluetooth low energy technology
    - 3.2.1.7. Color: Black
  - 3.2.2. Inclusions
    - 3.2.2.1. One (1) unit Wireless Mouse
    - 3.2.2.2. One (1) unit Unifying USB receiver
    - 3.2.2.3. One (1) unit AA Battery (pre-installed)
    - 3.2.2.4. One (1) User documentation

### 4 DOCUMENTARY REQUIREMENTS

- 4.1. ISO 9001 Certification of the Manufacturer – Supplier must provide a copy of valid and current ISO 9001 Certification of the Manufacturer issued by an independent certifying agency. The ISO Certification must cover the manufacturer/design or production of desktop or laptop computers.

### 5 WARRANTY

- 5.1. The mobile workstation set must be shipped with 30-calendar day return for an advanced replacement on DOA parts and components.
- 5.2. The mobile workstation set must have at least two (2) years of limited warranty from the time of delivery, covering defects in materials and workmanship. Warranty service shall commence from the date of

	<p>end-user acceptance.</p> <p>5.3. Warranty obligation: Five percent (5%).</p> <p>5.4. Refer to the attached Service Level Agreement for the details of the expected technical support services.</p> <p>6 DELIVERY AND PAYMENT</p> <p>6.1. Upon issuing the Notice to Proceed (NTP), the mobile workstation set must be delivered on or before December 29, 2021.</p> <p>6.2. The price of the bid must be inclusive of government tax and other fees.</p> <p>6.3. Payment upon full delivery.</p> <p>6.4. Charging: GAA - R&amp;D Support Expense</p>				
2	<p><b>MOBILE WORKSTATION</b></p> <p>1 GENERAL OVERVIEW</p> <p>1.1. The Advanced Science and Technology Institute (ASTI) is seeking qualified and competent bidders for the Supply and Delivery of one (1) set of a mobile workstation.</p> <p>1.2. The approved budget for the contract is inclusive of all applicable government taxes and services charges.</p> <p>1.3. The technical specifications written herein are of the minimum requirement unless stated.</p> <p>1.4. The procurement of this mobile workstation will be used for the research and development activities of the Embedded Systems Group (ESG).</p> <p>2 TECHNICAL SPECIFICATIONS</p> <p>2.1. Operating System: Genuine Windows 10 PRO</p> <p>2.2. Processor: at least Intel i5-11th Generation or higher</p> <p>2.3. Memory: at least 16GB DDR4 3200MHz</p> <p>2.4. Disk Space: at least 512GB SSD M.2 2280 NVME or higher</p> <p>2.5. Video Card: Nvidia Quadro T500 4GB or higher variant</p> <p>2.6. Display: 14", FHD, Anti-Glare, 400 Nits</p> <p>2.7. Camera: 720p HD with Microphone</p> <p>2.8. Audio: Built-in stereo speakers and Built-in Digital Microphone</p> <p>2.9. Keyboard: backlit, Spill-Resistant</p> <p>2.10. Touch Interface: Touchpad with finger gesture support</p> <p>2.11. Ports</p> <p>2.11.1. Two (2) x USB 3.2 Gen 2</p> <p>2.11.2. One (1) HDMI 2.0</p> <p>2.11.3. One (1) RJ45</p> <p>2.11.4. One (1) MicroSD card reader (UHS-II)</p> <p>2.11.5. One (1) Headphone / mic combo</p> <p>2.12. Battery: at least 50Wh (3 cell)</p> <p>2.13. WLAN: at least Wi-Fi 6</p> <p>2.14. Bluetooth: at least Bluetooth 5.0</p> <p>2.15. Built Quality: Tested against MIL-SPEC Standard or equivalent</p> <p>3 ACCESSORIES</p> <p>3.1. One (1) unit 65W AC Adapter</p> <p>3.2. One (1) unit Wireless Mouse</p> <p>3.2.1. Specifications</p> <p>3.2.1.1. DPI (Min/Max): 1000±</p>	3	set	100000.00	300,000.00

<p>3.2.1.2. Battery: 1 x AA (included)</p> <p>3.2.1.3. Number of Buttons: 7</p> <p>3.2.1.4. Wireless operating distance: 393.7 in (10m)</p> <p>3.2.1.5. Wireless technology: 2.4GHz wireless technology</p> <p>3.2.1.6. Bluetooth Required: Bluetooth low energy technology</p> <p>3.2.1.7. Color: Black</p> <p>3.2.2. Inclusions</p> <p>3.2.2.1. One (1) unit Wireless Mouse</p> <p>3.2.2.2. One (1) unit Unifying USB receiver</p> <p>3.2.2.3. One (1) unit AA Battery (pre-installed)</p> <p>3.2.2.4. One (1) User documentation</p> <p>4 DOCUMENTARY REQUIREMENTS</p> <p>4.1. ISO 9001 Certification of the Manufacturer – Supplier must provide a copy of valid and current ISO 9001 Certification of the Manufacturer issued by an independent certifying agency. The ISO Certification must cover the manufacturer/design or production of desktop or laptop computers.</p> <p>5 WARRANTY</p> <p>5.1. The mobile workstation set must be shipped with 30-calendar day return for an advanced replacement on DOA parts and components.</p> <p>5.2. The mobile workstation set must have at least two (2) years of limited warranty from the time of delivery, covering defects in materials and workmanship. Warranty service shall commence from the date of end-user acceptance.</p> <p>5.3. Warranty obligation: Five percent (5%).</p> <p>5.4. Refer to the attached Service Level Agreement for the details of the expected technical support services.</p> <p>6 DELIVERY AND PAYMENT</p> <p>6.1. Upon issuing the Notice to Proceed (NTP), the mobile workstation set must be delivered on or before December 29, 2021.</p> <p>6.2. The price of the bid must be inclusive of government tax and other fees.</p> <p>6.3. Payment upon full delivery.</p> <p>6.4. Charging: GAA - Tech Transfer Support Expense</p>				
<b>TOTAL APPROVED BUDGET FOR THE CONTRACT (ABC):</b>				<b>Php 400,000.00</b>
<b>RESERVATION CLAUSE</b>				
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.				