



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

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

<b>ITB No:</b>	22-06-3891	<b>Date:</b>	June-03-2022
<b>PR No:</b>	QCS-22-05-13912	<b>Date:</b>	May-25-2022
<b>Source of Funds:</b>			
<b>Total ABC:</b> Php 1,930,000.00			
<b>Time, Date &amp; Venue of Pre-bid Conference:</b> June 15, 2022, 9:00 AM at Via videoconferencing			
<b>Time and Date of Submission of Bids:</b> June 27, 2022, 09:00 AM			
<b>Time, Date &amp; Venue of Opening Bids:</b> June 27, 2022, 9:30 AM at DOST-ASTI and Videoconferencing			
<b>Date of availability of Complete Set of Documents:</b> June 07, 2022			
<b>Deadline of Potential Bidder's Clarifications:</b> June 17, 2022			
<b>Deadline of ASTI's Supplemental Bid Bulletin:</b> June 20, 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>Mobile Development workstations</b></p> <p>1. GENERAL OVERVIEW</p> <p>1.1 The Advanced Science and Technology Institute is seeking qualified and competent for the delivery of twelve (12) units Mobile Development workstations</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: Windows 11 Pro</p> <p>2.2 Processor: 12th Gen Intel Core i7-12700H Processor 2.3 GHz (24M Cache, up to 4.7 GHz, 14 cores: 6 P-cores and 8 E-cores)</p> <p>2.3 Memory: 8GB DDR5 on board, 8GB DDR5-4800</p>	12	unit	140000.00	1,680,000.00

SO-DIMM, configurable to 40GB with dual channel memory support, equivalent or higher

2.4 Storage: 256 GB PCIe 4.0 NVMe M.2 Performance plus 1TB SSD/HDD

2.5 Display: 16-inch QHD+ 16:10 (2560 x 1600, WQXGA) anti-glare display, 165Hz, 3ms, IPS-level, Adaptive-Sync, Pantone Validated, MUX Switch + Optimus, HDR

2.6 Graphics: NVIDIA GeForce RTX 3060 Laptop GPU, can be boosted to 1475MHz\* at 120W (1425MHz Boost Clock+50MHz OC, 100W+20W Dynamic Boost), 6GB GDDR6

2.7 I/O Ports:

2.7.1 1x 3.5mm Combo Audio Jack

2.7.2 1x HDMI 2.0b

2.7.3 2x USB 3.2 Gen 2 Type-A

2.7.4 1x USB 3.2 Gen 2

2.7.5 Type-C support DisplayPort / power delivery

2.7.6 1x RJ45 LAN port

2.7.7 1x Thunderbolt 4 support DisplayPort / power delivery

2.8 Keyboard and Touchpad: Backlit Chiclet Keyboard RGB, Touchpad

2.9 Camera: 720P HD IR Camera

2.10 Network and Communication: Wi-Fi 6E(802.11ax) (Dual band) 2\*2 + Bluetooth 5.2 equivalent or better

2.11 Battery: 90WHrs, 4S1P, 4-cell Li-ion

2.12 Power Supply: ø6.0, 240W AC Adapter, Output: 20V DC, 12A, 240W, Input: 100~240V AC 50/60Hz universal, TYPE-C, 100W AC Adapter, Output: 20V DC, 5A, 100W, Input: 100~240V AC 50/60Hz universal

2.13 Weight: 2.00 Kg (4.41 lbs)

2.14 Dimensions (W x D x H): 35.5 x 24.3 x 1.99 ~ 1.99 cm (13.98" x 9.57" x 0.78" ~ 0.78")

2.15 Audio: Built-in array microphone, 2-speaker system

2.16 Security: BIOS Administrator Password and User Password Protection, Kensington Security Slot

### 3. ACCESSORIES:

3.1 Backpack

3.2 Mouse, HDMI cable

3.3 100W AC Adapter, Output: 20V DC, 5A, 100W, Input: 100~240V AC 50/60Hz universal,

### 4. WARRANTY AND AFTERSALE 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 sixty (60) calendar days upon issuance of Notice to Proceed

	5.4 The unit must be brand new and unused.				
2	<p><b>Mobile Development workstations with external Graphics Processing Unit (GPU)</b></p> <p>1. GENERAL OVERVIEW</p> <p>1.1 The Advanced Science and Technology Institute is seeking qualified and competent for the delivery of one (1) unit Mobile Development workstations with external Graphics Processing Unit (GPU)</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: Windows 10 Pro</p> <p>2.2 Processor: 12th Gen Intel Core i9-12900H Processor 2.5 GHz (24M Cache, up to 5.0 GHz, 14 cores: 6 P-cores and 8 E-cores)</p> <p>2.3 Memory: 8GB DDR5 on board, 8GB DDR5-4800 SO-DIMM, configurable to 40GB with dual channel memory support, equivalent or higher</p> <p>2.4 Storage: 256 GB PCIe 4.0 NVMe M.2 Performance plus 2TB SSD</p> <p>2.5 Display: 16-inch QHD+ 16:10 (2560 x 1600, WQXGA) anti-glare display, 165Hz, 3ms, IPS-level, Adaptive-Sync, Pantone Validated, MUX Switch + Optimus, HDR</p> <p>2.6 Graphics: NVIDIA GeForce RTX 3080 Ti Laptop GPU, can be boosted to 1175MHz* at 120W (1125MHz Boost Clock+50MHz OC, 100W+20W Dynamic Boost), 16GB GDDR6</p> <p>2.7 I/O Ports:</p> <p>2.7.1 1x 3.5mm Combo Audio Jack</p> <p>2.7.2 1x HDMI 2.0b</p> <p>2.7.3 2x USB 3.2 Gen 2 Type-A</p> <p>2.7.4 1x USB 3.2 Gen 2</p> <p>2.7.5 Type-C support DisplayPort / power delivery</p> <p>2.7.6 1x RJ45 LAN port</p> <p>2.7.7 1x Thunderbolt 4 support DisplayPort / power delivery</p> <p>2.8 Keyboard and Touchpad: Backlit Chiclet Keyboard RGB, Touchpad</p> <p>2.9 Camera: 720P HD IR Camera</p> <p>2.10 Network and Communication: Wi-Fi 6E(802.11ax) (Dual band) 2*2 + Bluetooth 5.2 equivalent or better</p> <p>2.11 Battery: 90WHrs, 4S1P, 4-cell Li-ion</p> <p>2.12 Power Supply: ø6.0, 240W AC Adapter, Output: 20V DC, 12A, 240W, Input: 100~240C AC 50/60Hz universal, TYPE-C, 100W AC Adapter, Output: 20V DC, 5A, 100W, Input: 100~240V AC 50/60Hz universal</p> <p>2.13 Weight: 2.00 Kg (4.41 lbs)</p> <p>2.14 Dimensions (W x D x H): 35.5 x 24.3 x 1.99 ~ 1.99 cm (13.98" x 9.57" x 0.78" ~ 0.78")</p> <p>2.15 Audio: Built-in array microphone, 2-speaker system</p> <p>2.16 Security: BIOS Administrator Password and User Password Protection, Kensington Security Slot</p> <p>3. ACCESSORIES:</p> <p>3.1 Backpack</p>	1	unit	250000.00	250,000.00

3.2 mouse, HDMI cable  
3.3 100W AC Adapter, Output: 20V DC, 5A, 100W,  
Input: 100~240V AC 50/60Hz universal

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

**Php 1,930,000.00**

**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.