



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

IB No:	22-07-3936	Date:	July-11-2022
PR No:	QCS-22-07-14203	Date:	July-04-2022
Source of Funds:			
Total ABC:		Php 1,900,000.00	
Time, Date & Venue of Pre-bid Conference:		July 20, 2022, 9:00 AM at Via videoconferencing	
Time and Date of Submission of Bids:		August 01, 2022, 09:00 AM	
Time, Date & Venue of Opening Bids:		August 01, 2022, 9:30 AM at DOST-ASTI and Videoconferencing	
Date of availability of Complete Set of Documents:		July 12, 2022	
Deadline of Potential Bidder's Clarifications:		July 22, 2022	
Deadline of ASTI's Supplemental Bid Bulletin:		July 25, 2022	
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 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,

BAYANI BENJAMIN R. LARA
BAC Chairperson

NO.	TECHNICAL SPECIFICATIONS	QTY	UNIT	UNIT PRICE(Php)	TOTAL PRICE(Php)
1	<p>Mobile Development workstations</p> <p>1. GENERAL OVERVIEW</p> <p>1.1 The Advanced Science and Technology Institute is seeking qualified and competent bidders for the supply and 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 10 or higher</p>	12	unit	140000.00	1,680,000.00

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) equivalent or better.

2.3 Memory: 16GB DDR5 on board, 16GB DDR5-4800 SO-DIMM, equivalent or higher

2.4 Storage: 1TB SSD, equivalent or higher

2.5 Display: 16-inch QHD, equivalent or better.

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 equivalent or better.

2.7 I/O Ports:

2.7.1 1 SuperSpeed USB Type-A 5Gbps signaling rate

2.7.2 2 SuperSpeed USB Type-A 5Gbps signaling rate

2.7.3 HDMI 2.1

2.7.4 2 Thunderbolt 4 with USB4 Type-C 40Gbps signaling rate (USB Power Delivery, DisplayPort 1.4)

2.7.5 2 SuperSpeed USB Type-C 10Gbps signaling rate

2.7.6 1 RJ-45

2.8 Keyboard and Touchpad: Backlit Keyboard, Touchpad

2.9 Camera: 720P HD IR Camera

2.10 Network and Communication: Intel Wi-Fi 6E AX210 (2x2) and Bluetooth 5.2 combo (Supporting Gigabit data rate), equivalent or better

2.11 Battery: 83WHrs, 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 Audio: Built-in array microphone, 2-speaker system

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 warranty on Parts and Labor and 1 year 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	Mobile Development workstations with external Graphics Processing Unit (GPU) 1. GENERAL OVERVIEW 1.1 The Advanced Science and Technology Institute is	1	unit	220000.00	220,000.00
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seeking qualified and competent bidders for the supply and delivery of one (1) unit Mobile Development workstations with external Graphics Processing Unit (GPU)

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: Windows 10 or higher

2.2 Processor: Ryzen 7 – 5800H (8-Core, 20MB Total Cache, up to 4.4 GHz Max Boost Clock, 8 cores, 16 threads) equivalent or better.

2.3 Memory: 32GB DDR5, equivalent or higher

2.4 Storage: 1TB SSD, equivalent or higher

2.5 Display: at least 15-inch HD display, equivalent or better.

2.6 Graphics: NVIDIA GeForce RTX 3070 Laptop GPU, 8GB GDDR6 equivalent or better.

2.7 I/O Ports:

2.7.1 2x SuperSpeed USB 3.2 Gen 1 Type A ports

2.7.2 SuperSpeed USB 3.2 Gen 2 Type C port

2.7.3 SuperSpeed USB 3.2 Gen 1 Type A port

2.7.4 HDMI 2.1 Output

2.7.5 Power DC in C port

2.7.6 2.5 Gbps rated RJ-45 Ethernet port

2.7.7 Global Headset jack

2.8 Keyboard and Touchpad: Backlit Chiclet Keyboard RGB, Touchpad

2.9 Camera: 720P HD IR Camera

2.10 Network and Communication: Wi-Fi 6 AX1650 802.11ax 2x2 Wireless LAN and Bluetooth 5.2 equivalent or better

2.11 Battery: 56WHrs, equivalent or better

2.12 Power Supply: ø6.0, 180/240W 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 Audio: Built-in array microphone, 2-speaker system

3. ACCESSORIES:

3.1 Backpack

3.2 mouse, HDMI cable

3.3 180/240W 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):	
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Php 1,900,000.00

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.
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