



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

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

ITB No:	22-04-3817	Date:	April-28-2022
PR No:	NetMeshR11-22-04-13594	Date:	April-20-2022
Source of Funds:			
Total ABC:	Php 1,352,000.00		
Time, Date & Venue of Pre-bid Conference:	May 11, 2022, 9:00 AM at Videoconferencing		
Time and Date of Submission of Bids:	May 23, 2022, 09:00 AM		
Time, Date & Venue of Opening Bids:	May 23, 2022, 9:30 AM at DOST-ASTI and Videoconferencing		
Date of availability of Complete Set of Documents:	May 03, 2022		
Deadline of Potential Bidder's Clarifications:	May 13, 2022		
Deadline of ASTI's Supplemental Bid Bulletin:	May 16, 2022		
Delivery Schedule:			

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

For further inquiries, contact ASTI's BAC Secretariat via email at 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>Laptops for testing For Six (6) units of laptops 1. BACKGROUND AND OBJECTIVES: 1.1. The Advanced Science and Technology Institute is seeking qualified and competent bidders for the supply and delivery of laptops to be used for testing 1.2. The approved budget for the contract is inclusive of all applicable government taxes and services charges. 1.3. Laptops will be used for testing the enhanced measurement tools developed in the first phase of the project 1.4. The technical specifications indicated herein are minimum requirements unless otherwise specified. 1.5. Quantity: Six (6) Units of Laptops 2. TECHNICAL SPECIFICATIONS:</p>	1	lot	1352000.00	1,352,000.00

- 2.1. Processor: Intel Core i7-1165G7 (4C / 8T, 2.8 / 4.7Ghz, 12MB) or equivalent
- 2.2. Display: 14" FHD (1920x1080) IPS 300nits Anti-glare
- 2.3. Memory: 16GB DDR4-3200
- 2.4. Storage: One (1)TB SSD M.2 2280 PCIe x4 NVMe Opal2
- 2.5. Graphics: Integrated Intel Iris Xe Graphics or equivalent
- 2.6. Camera: 720p with Privacy shutter + 2x, Array Microphone
- 2.7. Audio: High Definition (HD) Audio, ALC3287 codec+ Stereo Speakers, 2W x 2
- 2.8. Operating System: Windows 10 Pro 64
- 2.9. Battery: Three (3) Cell Integrated 50Wh
- 2.10. Ports:
 - 2.10.1. One (1)x side docking connector
 - 2.10.2. One (1)x Gigabit Ethernet (RJ45)
 - 2.10.3. One (1)x USB 3.2 Gen1
 - 2.10.4. One (1)x USB 3.2 Gen1 (Always On)
 - 2.10.5. Two (2)x Thunderbolt 4 / USB4 40Gbps (Support data transfer, Power Delivery 3.0 and DisplayPort 1.4a)
 - 2.10.6. One (1)x headphone / microphone combo jack (3.5mm)
 - 2.10.7. One (1)x microSD card reader
 - 2.10.8. One (1)x HDMI 2.0
- 2.11. Connectivity:
 - 2.11.1. WLAN: WiFi 6E AX210 802.11AX (2x2)
 - 2.11.2. Bluetooth: Bluetooth 5.2
 - 2.11.3. Integrated Mobile Broadband 4G LTE-A
- 2.12. Weight: 1.53kg (3.37lb)
3. ACCESSORIES:
 - 3.1. One (1) pc. 50 watts AC Power Adapter
 - 3.2. One (1) pc. Bag: Weatherproof laptop backpack
 - 3.3. One (1) pc. Bluetooth Mouse
4. AFTERSALES/TECHNICAL SUPPORT SERVICE
 - 4.1. Technical support service must be available Nine (9) hours per day. Monday to Friday (including holidays), during business hours, 9-6 PM Philippine Standard Time (UTC+8), and must respond:
 - 4.2. Four (4) business hours, and updates every Three (3) business days for critical severity issues that impact a high number of staff
 - 4.3. Eight (8) business hours, and updates every Five (5) business days for high severity issues that incur serious degradation to application performance or functionality
 - 4.4. Twenty-four (24) business hours, and updates by request for medium severity issues that moderately impact user operations
 - 4.5. Forty-eight (48) business hours, and updates by request for low priority issues such as inquiries or issues with limited impact to user operations
 - 4.6. End-user must be able to request technical support by phone or email
 - 4.7. Onsite technical support may be requested on special cases or critical severity issues
5. DOCUMENTARY REQUIREMENTS
 - 5.1.1. The manufacturer of the equipment must possess ISO certification (or any equivalent

certification) that guarantees that their production process is governed by quality measurement practices. The bidder must submit documentary proof of ISO certification of the offered brands issued by accredited registrars or any equivalent certification body.

5.1.2. The prospective bidder must supply a hardcopy certification signed by the original equipment manufacturer or its authorized Philippine distributor, authorizing the aforementioned to promote, distribute, sell, and provide post-sales technical support for the equipment

6. WARRANTY SERVICE

6.1. Coverage: One (1) year manufacturer's warranty

6.2. Shall also include onsite services, parts, and labor

6.3. The obligation for warranty shall be submitted upon delivery. It shall be covered by either retention money in an amount equivalent to at least five percent (5%) of every progress payment, or a special bank guarantee equivalent to at least five percent (5%) of the total contract price.

6.4. The Laptops must be shipped with a 30-calendar day return for an advanced replacement on DOA parts and components, and a 1-year limited warranty that covers defects in materials and workmanship.

7. DELIVERY AND PAYMENT TERMS

7.1. Delivery of the Laptops shall be made by the Supplier within Ninety (90) calendar days upon issuance of Notice to Proceed (NTP).

7.2. Payment shall be made only upon certification/acceptance by the End-User to the effect that the Laptops have been delivered in accordance with the terms of this contract and have been duly inspected. No payment shall be made for services not yet rendered or for goods, supplies, and materials not yet delivered under this contract.

7.3. Other Delivery terms: With Seven (7) days testing period to check for manufacturer defects before the acceptance.

For Five (5) units of laptops

8. BACKGROUND AND OBJECTIVES:

8.1. The Advanced Science and Technology Institute is seeking qualified and competent bidders for the supply and delivery of laptops to be used for testing.

8.2. The approved budget for the contract is inclusive of all applicable government taxes and services charges.

8.3. Laptops will be used for testing the developed prototype measurement tool, designed and configured for the iOS platform

8.4. The technical specifications indicated herein are minimum requirements unless otherwise specified.

8.5. Quantity: Five (5) Units of Laptops

9. TECHNICAL SPECIFICATIONS:

9.1. Processor: M1 Chip with 8-core CPU, 14-core GPU, and 16-core Neural Engine

9.2. Display: 14" Liquid Retina XDR Display (3024 x 1964) native resolution

- 9.3. Memory: 16 GB unified Memory
- 9.4. Storage: 512 GB SSD Storage
- 9.5. Camera: 1080p HD Camera
- 9.6. Audio: Stereo speakers with high dynamic range, wide stereo sound
- 9.7. Operating System: Mac OS Monterey
- 9.8. Input/Output:
 - 9.8.1. 3.5mm headphone jack
 - 9.8.2. Three (3) Thunderbolt 4 (USB-C)
 - 9.8.3. HDMI Port
 - 9.8.4. SDXC Card Slot
- 9.9. Connectivity:
 - 9.9.1. 801.11ax Wi-Fi 6
 - 9.9.2. Bluetooth 5.0
- 9.10. Power and Battery:
 - 9.10.1. Integrated 70-watt-hour lithium-polymer battery
 - 9.10.2. 67W USB-C Power Adapter
- 9.11. Warranty: 1 Year Manufacturer's Warranty (Parts and Labor)
- 10. ACCESSORIES:
 - 10.1. One (1) pc. 67 watts USB-C Power Adapter
 - 10.2. One (1) pc. manufacturer's 3.5mm earphone
 - 10.3. One (1) pc. Bag: Weatherproof laptop backpack
- 11. AFTERSALES/TECHNICAL SUPPORT SERVICE
 - 11.1. Service Request
 - 11.1.1. End-user must be able to request technical support by phone or email or through a website
 - 11.1.2. Onsite technical support may be requested for special cases or critical severity issues
 - 11.2. Response Time
 - 11.2.1. Technical support service must be available nine (9) hours per day. Monday to Friday (including holidays), during business hours, 9:00 AM – 6:00 PM Philippine Standard Time (UTC+8), and must respond:
 - 11.2.2. Four (4) business hours, and updates every three (3) business days for critical severity issues that impact a high number of staff
 - 11.2.3. Eight (8) business hours, and updates every Five (5) business days for high severity issues that incur serious degradation to application performance or functionality
 - 11.2.4. Twenty-Four (24) business hours, and updates by request for medium severity issues that moderately impact user operations
 - 11.2.5. Forty-Eight (48) business hours, and updates by request for low priority issues such as inquiries or issues with limited impact on user operations
- 12. DOCUMENTARY REQUIREMENTS
 - 12.1.1. The manufacturer of the equipment must possess ISO certification (or any equivalent certification) that guarantees that their production process is governed by quality measurement practices. The bidder must submit documentary proof of ISO certification of the offered brands issued by accredited registrars or any equivalent certification body.
 - 12.1.2. The prospective bidder must supply a hardcopy certification signed by the original equipment manufacturer or its authorized Philippine distributor, authorizing the aforementioned to promote, distribute,

sell, and provide post-sales technical support for the equipment

13. WARRANTY SERVICE

13.1. Coverage: One (1) year manufacturer's warranty

13.2. Shall also include onsite services, parts, and labor

13.3. The obligation for the warranty shall be submitted upon delivery. It shall be covered by either retention money in an amount equivalent to at least five percent (5%) of every progress payment, or a special bank guarantee equivalent to at least five percent (5%) of the total contract price.

13.4. The Laptops must be shipped with a 30-calendar day return for an advanced replacement on DOA parts and components, and a 1-year limited warranty that covers defects in materials and workmanship.

14. DELIVERY AND PAYMENT TERMS

14.1. Delivery of the Laptops shall be made by the Supplier within Ninety (90) calendar days upon issuance of Notice to Proceed (NTP).

14.2. Payment shall be made only upon certification/acceptance by the End-User to the effect that the Laptops have been delivered in accordance with the terms of this contract and have been duly inspected. No payment shall be made for services not yet rendered or for goods, supplies, and materials not yet delivered under this contract.

14.3. Other Delivery terms: With Seven (7) days testing period to check for manufacturer defects before the acceptance.

TOTAL APPROVED BUDGET FOR THE CONTRACT (ABC):

Php 1,352,000.00

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.