



**ASTI-FM 03-10
REV 4/ 9 MAR 2022**

**DOST-ASTI Bids and Awards Committee
REQUEST FOR QUOTATION**

Kind of Procurement Activity:	Negotiated Procurement:Small-value Procurement		
Deadline of Submission of Bids:	Jul-27-2022, 2:00 PM		
RFQ No.:	22-07-3951	Date:	July-22-2022
PR No.:	NetMeshR8-22-07-14235	Date:	July-06-2022

The Department of Science and Technology (DOST) - Advanced Science and Technology Institute (ASTI), through its Bids and Awards Committee (BAC), intends to procure the enlisted item/s below. Bidders may submit a proposal on any of the lots or items, and evaluation will be undertaken on a per lot or item basis, except otherwise specified in the requirements. Award may be considered for prospective bidder/s proven to be the single/lowest calculated and responsive quotation among all other quotations. Guidelines on the format of quotations and eligibility documents are listed below. Kindly follow the prescribed GUIDELINES to avoid DISQUALIFICATION.

Quotations may be submitted 1) manually to the BAC Secretariat at G/F DOST-ASTI Bldg., UP Technology Park Complex, CP Garcia Ave., UP Campus, Diliman, Quezon City or 2) sent via electronic mail at bac-sec@asti.dost.gov.ph. For further information, please contact the BAC Secretariat at +63 2 8249-8500 loc. 1206/1212.

Thank you.

BAYANI BENJAMIN R. LARA
BAC Chairperson

NO.	TECHNICAL SPECIFICATIONS	QTY	UNIT	UNIT PRICE(Php)	TOTAL PRICE(Php)
1	<p>One (1) Lot iOS Phones for development and testing</p> <p>1. BACKGROUND AND OBJECTIVES:</p> <p>1.1. The NetMesh Project is seeking qualified and competent bidders for the supply and delivery of mobile phones to be used as a mobile measurement tool for internet connectivity.</p> <p>1.2. These mobile phones will be used as internet measurement devices during field testing using the developed mobile application of the project.</p> <p>1.3. The approved budget for the contract is inclusive of all applicable government taxes and services charges.</p> <p>1.4. The technical specifications indicated herein are minimum requirements, unless otherwise specified.</p> <p>1.5. Quantity:</p> <p>1.5.1. One (1) pc. iOS Phone @Php47,900 (low-end)</p> <p>1.5.2. One (1) pc. iOS Phone @ Php67,900 (high-end)</p> <p>2. TECHNICAL SPECIFICATIONS:</p> <p>2.1 One (1) unit of IOS Phone (High-End)</p> <p>2.1.1 Network: GSM/HSPA/LTE/CDMA/5G</p> <p>2.1.2 Display:</p> <p>2.1.2.1 Type: Super Retina XDR OLED,</p>	1	lot	115800.00	115,800.00

120Hz, HDR10, Dolby Vision, 1000 nits (HBM), 1200 nits (peak)

2.1.2.2 Size: 6.1 inches

2.1.2.3 Resolution: 1170 x 2532 pixels, 19.5:9 ratio (~460 ppi density)

2.1.2.4 Protection: Scratch-resistant ceramic glass

2.1.3 Body:

2.1.3.1 Dimensions: 146.7 x 71.5 x 7.7 mm

2.1.3.2 Weight: 204 g (7.20 oz)

2.1.3.3 Build: Glass front (Gorilla Glass), glass back (Gorilla Glass), aluminum frame

2.1.3.4 SIM: Nano-SIM

2.1.4 Platform:

2.1.4.1 OS: iOS 15, upgradable to the latest iOS

2.1.4.2 Chipset: Apple A15 Bionic (5 nm)

2.1.4.3 CPU: Hexa-core (2X3.23GHz Avalanche + 4x1.82 GHz Blizzard)

2.1.4.4 GPU: Apple GPU (5-core graphics)

2.1.5 Memory:

2.1.5.1 Internal Storage: 128GB

2.1.5.2 Memory RAM: 6GB

2.1.6 Connectivity:

2.1.6.1 WLAN: Wi-Fi 802.11 b/g/n/ac/6. Dual band, hotspot

2.1.6.2 Bluetooth: 5.0

2.1.6.3 GPS: Yes, with A-GPS, GLONASS, GALILEO, BDS

2.1.6.4 USB: Lightning, USB 2.0

2.1.7 Battery:

2.1.7.1 Type: Li-Ion 3095 mAh, non-removable (12.11Wh)

2.1.7.2 Fast Charging

2.1.8 ACCESSORIES:

2.1.8.1 USB C to lightning cable

2.1.8.2 Quick Guide

2.2 One (1) Unit of IOS Phone (Low-End)

2.2.1 Network: GSM/HSPA/LTE/CDMA/5G

2.2.2 Display:

2.2.2.1 Type: Super Retina XDR OLED, HDR10, Dolby Vision, 625 nits (HBM), 1200 nits (peak)

2.2.2.2 Size: 5.4 inches

2.2.2.3 Resolution: 1080 x 2340 pixels, 19.5:9 ratio (~476 ppi density)

2.2.2.4 Protection: Scratch-resistant ceramic glass

2.2.3 Body:

2.2.3.1 131.5 x 64.2 x 7.7 mm (5.18 x 2.53 x 0.30 in)

2.2.3.2 Weight: 141 g (4.97 oz)

2.2.3.3 Build: Glass front (Gorilla Glass), glass back (Gorilla Glass), aluminum frame

2.2.4 Platform:

2.2.4.1 OS: iOS 15, upgradable to the latest iOS

2.2.4.2 Chipset: Apple A15 Bionic (5 nm)

2.2.4.3 CPU: Hexa-core (2X3.23 GHz Avalanche + 4x1.82 GHz Blizzard)

2.2.5 Memory:

2.2.5.1 Internal Storage: 128GB

	<p>2.2.6 Connectivity:</p> <p>2.2.6.1 WLAN: Wi-Fi 802.11 b/g/n/ac/6, dual band, hotspot</p> <p>2.2.6.2 Bluetooth: 5.0</p> <p>2.2.6.3 GPS: Yes, with A-GPS, GLONASS, GALILEO</p> <p>2.2.6.4 USB: Lightning, USB 2.0</p> <p>2.2.7 Battery:</p> <p>2.2.7.1 Type: Li-Ion 2438 mAh, non-removable (9.34 Wh)</p> <p>2.2.7.2 Fast Charging</p> <p>2.2.8 ACCESSORIES:</p> <p>2.2.8.1 USB C to lightning cable</p> <p>2.2.8.2 Documentation</p> <p>3. DELIVERY AND PAYMENT TERMS</p> <p>3.1 Delivery of the One (1) Lot iOS Phones for development and testing shall be made by the Supplier within Ninety (90) calendar days upon issuance on Notice to Proceed (NTP).</p> <p>3.2 Payment shall be made only upon certification/acceptance by the End-User to the effect that the Mobile Phones 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.</p> <p>3.3 Other Delivery terms: With Seven (7) days testing period to check for manufacturers defect before the acceptance.</p>				
2	<p>Mobile phone for testing Low-end (Android OS)</p> <p>1.BACKGROUND AND OBJECTIVES:</p> <p>1.1 The NetMesh Project is seeking qualified and competent bidders for the supply and delivery of mobile phones to be used as a mobile measurement tool for internet connectivity.</p> <p>1.2 These mobile phones will be used as internet measurement devices during field testing using the developed mobile application of the project.</p> <p>1.3 The approved budget for the contract is inclusive of all applicable government taxes and services charges.</p> <p>1.4 The technical specifications indicated herein are minimum requirements, unless otherwise specified.</p> <p>1.5 Quantity:</p> <p>1.5.1 Two (2) Unit of Android Mobile Phone (low-end)</p> <p>2. TECHNICAL SPECIFICATIONS:</p> <p>2.1 Network: GSM/HSPA/LTE</p> <p>2.2 Display Type: PLS LCD</p> <p>2.3 Display Size: 6.5"</p> <p>2.4 Display Resolution: 720 x 1600 pixels, 20:9 ration</p> <p>2.5 Platform: Android 11</p> <p>2.6 CPU: Octa Core (2x1.6 GHz & 6X1.6Ghz)</p> <p>2.7 Memory: Card Slot: MicroSDXC (dedicated slot)</p> <p>2.8 Memory RAM: 4GB</p> <p>2.9 Storage: 128 GB</p> <p>2.10 Rear Camera: 48MP, f/1.8. (wide), AF and 2 MP, f/2.4 (depth)</p> <p>2.11 Video: 1080p@30fps</p>	2	unit	6490.00	12,980.00

	<p>2.12 Front Camera: 5MP, f/2.2</p> <p>2.13 WLAN: WiFi 802.11 a/b/g/n/ac, dual band, WiFi Direct, hotspot</p> <p>2.14 Bluetooth: 5.0, A2DP, LE</p> <p>2.15 GPS: Yes</p> <p>2.16 Battery: Li-Po 5000 mAh, non-removable</p> <p>2.17 Accessories:</p> <p> 2.17.1 Travel adapter</p> <p> 2.17.2 Quick start guide</p> <p> 2.17.3 Ejecting Pin</p> <p>3. DELIVERY AND PAYMENT TERMS</p> <p> 3.1 Delivery of the Android OS mobile phone for testing shall be made by the Supplier within Ninety (90) calendar days upon issuance on Notice to Proceed (NTP).</p> <p> 3.2 Payment shall be made only upon certification/acceptance by the End-User to the effect that the Mobile Phones 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.</p> <p> 3.3 Other Delivery terms: With Seven (7) days testing period to check for manufacturers defect before the acceptance.</p>				
3	<p>Mikrotik RB750r2 hEX Lite</p> <p>1. BACKGROUND AND OBJECTIVES:</p> <p> 1.1. The Advanced Science and Technology Institute is seeking qualified and competent bidders for the supply and delivery of Mikrotik RB750r2 hEX Lite for Lab Testing of RFC6349 App.</p> <p> 1.2. The approved budget for the contract is inclusive of all applicable government taxes and services charges.</p> <p> 1.3. Mikrotik RB750r2 hEX Lite will be used for Lab Testing of RFC6349 App.</p> <p> 1.4. The technical specifications indicated herein are minimum requirements unless otherwise specified.</p> <p>2. TECHNICAL SPECIFICATIONS:</p> <p> 2.1 Quantity: One (1) piece of Mikrotik RB750r2 hEX Lite</p> <p> 2.2 Architecture: MIPSBE</p> <p> 2.3 CPU:QCA9533</p> <p> 2.4 CPU core: count 1</p> <p> 2.5 CPU nominal frequency: 850 MHz</p> <p> 2.6 Dimensions:113x89x28mm. Weight without packaging and cables: 129g</p> <p> 2.7 Router OS license: 4</p> <p> 2.8 Operating System: Router OS</p> <p> 2.9 Size of RAM: 64 MB</p> <p> 2.10 Storage size: 16 MB</p> <p> 2.11 Storage type: FLASH</p> <p> 2.12 MTBF: Approximately 100'000 hours at 25C</p> <p> 2.13 Tested ambient temperature: -40°C to 70°C</p> <p> 2.14 Number of DC inputs: 2 (DC jack, PoE-IN)</p> <p> 2.15 DC jack input Voltage: 6-30 V</p> <p> 2.16 Max power consumption: 2 W</p> <p> 2.17 Cooling type: Passive</p> <p> 2.18 PoE in: Passive PoE</p> <p> 2.19 PoE in input Voltage: 6-30 V</p>	1	pc	3320.00	3,320.00

	<p>2.20 others: 24V 0.38A power adapter</p> <p>3. DELIVERY AND PAYMENT TERMS</p> <p>3.1. Delivery of the Mikrotik RB750r2 hEX Lite for NLab Testing of RFC6349 App shall be made by the Supplier within Ninety (90) calendar days upon issuance of Notice to Proceed (NTP).</p> <p>3.2. Payment shall be made only upon certification/acceptance by the End-User to the effect that the Mikrotik RB750r2 hEX Lite for Lab Testing of RFC6349 App 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.</p>				
4	<p>USB-C Digital AV Multiport Adapter compatible with Apple Mac Book Pro</p> <p>1.BACKGROUND AND OBJECTIVES:</p> <p>1.1. The Advanced Science and Technology Institute is seeking qualified and competent bidders for the supply and delivery of USB-C Digital AV Multiport Adapter compatible with Apple Mac Book Pro for online mtgs/workshops/seminar.</p> <p>1.2. The approved budget for the contract is inclusive of all applicable government taxes and services charges.</p> <p>1.3. USB-C Digital AV Multiport Adapter compatible with Apple Mac Book Pro will be used for online mtgs/workshops/seminar.</p> <p>1.4. The technical specifications indicated herein are minimum requirements unless otherwise specified.</p> <p>2. TECHNICAL SPECIFICATIONS:</p> <p>2.1 Quantity: One (1) piece of USB-C Digital AV Multiport Adapter compatible with Apple Mac Book Pro.</p> <p>2.2 Connections:</p> <p>2.2.1 HMDI</p> <p>2.2.2 USB 2</p> <p>2.2.3 USB-C</p> <p>3. DELIVERY AND PAYMENT TERMS</p> <p>3.1. Delivery of the USB-C Digital AV Multiport Adapter compatible with Apple Mac Book Pro for online mtgs/workshops/seminar shall be made by the Supplier within Ninety (90) calendar days upon issuance of Notice to Proceed (NTP).</p> <p>3.2. Payment shall be made only upon certification/acceptance by the End-User to the effect that the USB-C Digital AV Multiport Adapter compatible with Apple Mac Book Pro for online mtgs/workshops/seminar 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.</p>	1	pc	4500.00	4,500.00
5	<p>Portable Speaker for Video Con - Voice-activated portable speaker</p> <p>1. BACKGROUND AND OBJECTIVES:</p> <p>1.1. The Advanced Science and Technology Institute is seeking qualified and competent bidders for the supply and delivery of Portable Speaker for Video Con</p>	1	pc	9995.00	9,995.00

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

1.3. Portable Speaker for Video Con will be used for online mtgs/workshops/seminar.

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

1.5. Quantity: One (1) piece of Portable Speaker for Video Con

2. TECHNICAL SPECIFICATIONS:

2.1 Transducer: 2 x 50mm

2.2 Output power: 2 x 10W

2.3 Frequency response: 65Hz-20kHz

2.4 Signal-to-noise ratio:>80dB

2.5 Battery type: Lithium-ion Polymer (3.7V, 6000mAh)

2.6 Battery charge time: 4.5 hours @5V 2.3A

2.7 Music play time: up to 8 hours (varies by volume level and content)

2.8 Wireless network: 802.11b/g/n/ac (2.4/5GHz)

2.9 Bluetooth version: 4.1

2.10 Supported audio formats: HE-AAC, LC-AAC, MP3, Vorbis, WAV (LPCM), FLAC, Opus

2.10.1 Dimensions (Dia x H): 93 x 210mm

2.10.2 Weight: 913g

3. ACCESSORIES:

3.1 1 x USB cable

3.2 1 x USB adapter

4. DELIVERY AND PAYMENT TERMS

4.1. Delivery of the Portable Speaker for Video Con shall be made by the Supplier within Ninety (90) calendar days upon issuance of Notice to Proceed (NTP).

4.2. Payment shall be made only upon certification/acceptance by the End-User to the effect that the Portable Speaker for Video Con 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. 4.3. 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 146,595.00

GUIDELINES

A. Content and Format of Quotations

1. The Quotation/s must include the RFQ Number or the PR Number indicated above
2. Bidders must specify the BRAND NAMES and MODEL NAMES/NUMBER for the following goods:
 - a. Computer and electronic equipment and its accessories or peripherals
 - b. Software applications, programs, and digital licenses
 - c. Commercial off-the-shelf electronic devices or components
3. The Quotation/s must indicate the registered business name of the company (or individual), business address and contact number. It must also include the full name and signature of the company's authorized representative.
4. BIR Certificate of Registration for new DOST-ASTI suppliers.

B. Eligibility Requirements

Pursuant to Annex "H" or Consolidated Guidelines for the Alternative Methods of Procurement of the 2016 Implementing Rules and Regulations (IRR) of Republic Act (RA) No. 9184, the following documents shall be submitted except for Repeat Order, Shopping under Section 52.1(a), and Negotiated Procurement under Sections 53.1 (Two-Failed Biddings), and 53.5 (Agency-to-Agency):

For Procurement of Goods

1. Upon submission of quotation
 - a. Valid PhilGEPS Registration Number / Organization ID
 - b. Valid Mayor's/Business Permit
2. Upon issuance of Notice of Award (NOA)
 - a. Omnibus Sworn Statement (shall be required only for procurement projects with ABC above P50,000.00)
 - b. Income/Business Tax Return (For ABCs above P500,000.00)

For Procurement of Infrastructure

1. Upon submission of quotation
 - a. Valid PhilGEPS Registration Number / Organization ID
 - b. Valid Mayor's/Business Permit
 - c. Valid PCAB License
2. Upon issuance of NOA
 - a. Omnibus Sworn Statement (shall be required only for procurement projects with ABC above P50,000.00)
 - b. Income/Business Tax Return (For ABCs above P500,000.00)

**Requirements under Section 53.6 (Scientific, Scholarly or Artistic Work, Exclusive Technology and Media Services) of the revised IRR of RA No. 9184 will not apply to artists such as singer, performer, poet, writer, painter and sculptor who are engaged in business.*

***Requirements under Section 53.10 (Lease of Real Property or Venue) of the revised IRR of RA No. 9184, specifically Mayor's/Business Permit, PhilGEPS Registration Number and Income/Business Tax Return will not apply to government agencies as lessors.*

****For methods of procurement requiring Mayor's Permit and PhilGEPS Registration Number, valid Certificate of Platinum Membership may be submitted in lieu of the said documents.*

C. Terms and Conditions

1. Additional requirements, if necessary, may be requested by the BAC depending on the item to be bid;
2. All transactions are subject to creditable withholding tax and final Value Added Tax or percentage tax per revenue regulation/s of the BIR;
3. Liquidated damages of at least equal to one-tenth of one percent (0.001) of the cost of the unperformed portion for every day of delay shall be imposed by the DOST-ASTI pursuant to Section 68 of the revised IRR of RA No. 9184; and
4. The DOST-ASTI reserves the right to reject any and all bids, declare a failure of bidding, or not award the contract at any time prior to contract award in accordance with Sections 35.6 and 41 of the 2016 revised IRR of RA No. 9184, without thereby incurring any liability to the affected bidder or bidders.