



DOST-ASTI Bids and Awards Committee
REQUEST FOR QUOTATION

Kind of Procurement Activity:	Negotiated Procurement: Small-value Procurement		
Deadline of Submission of Bids:	May-19-2025, 2:00 PM		
RFQ No.:	25-05-5238	Date:	May-14-2025
PR No.:	GAA-25-05-21198	Date:	May-07-2025

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.

JEFFREY A. ABOROT
BAC Chairperson

NO.	TECHNICAL SPECIFICATIONS	QTY	UNIT	UNIT PRICE(Php)	TOTAL PRICE(Php)
1	Mini PC 1. GENERAL OVERVIEW 1.1. DOST-ASTI is seeking qualified and competent bidders for the Supply and Delivery of Three (3) Units of Mini PC which will be used by the COMPASS Project for the development of their prototypes. 1.2. The Approved Budget for the Contract (ABC) is inclusive of government taxes and all applicable charges. 2. TECHNICAL SPECIFICATIONS 2.1. CPU: 14 Processor Cores (4P+8E+2LE), 18 threads, 18MB Smart Cache, 40W TDP 2.2. Chipset: Includes NPU, and GPU 2.3. Memory: 2 x SO-DIMM, DDR5-5600 max of 96GB (48GB x 2) 2.4 Wireless Network: Wi-Fi 6E, and Bluetooth® 5.3 2.5. LAN: 2.5G Ethernet, 10/100/1000/2500 Mbps 2.6. Power Supply: 20Vdc/19Vdc, 6.0A/6.32A 120W Power Adapter	3	unit	60494.50	181,483.50

	<p>3. WARRANTY AND AFTERSALES SUPPORT</p> <p>3.1. Any repair or replacement service must be successfully done within thirty (30) calendar days upon receipt of notice from DOST-ASTI.</p> <p>3.2. The end-user must be able to request technical support by phone, email, or through a website.</p> <p>3.3. The Mini PCs must have at least one (1) year of warranty from the time of delivery which covers defects in materials and workmanship. Warranty service shall commence from the date of end-user acceptance.</p> <p>4. DELIVERY AND PAYMENT TERMS</p> <p>4.1. The goods must be delivered sixty (60) days upon issuance of Notice to Proceed (NTP).</p> <p>4.2. Full payment will only be processed once the item is completely delivered, inspected, and accepted by the end-user. No payment shall be made for items not delivered under this contract.</p>				
2	<p>RF Cable</p> <p>1. GENERAL OVERVIEW</p> <p>1.1. DOST-ASTI is seeking qualified and competent bidders for the Supply and Delivery of Ten (10) Pieces of RF Cables which will be used by the COMPASS Project for the development of their prototypes.</p> <p>1.2. The ABC is inclusive of government taxes and all applicable charges.</p> <p>2. TECHNICAL SPECIFICATIONS</p> <p>2.1. Style: SMA to N-Type</p> <p>2.2. 1st Connector: N-Type Jack, Female</p> <p>2.3. 2nd Connector: SMA Plug, Male</p> <p>2.4. Cable Type: LLC200A</p> <p>2.5. Overall Impedance: 50 Ohms</p> <p>2.6. Frequency: Max: 6 GHz</p> <p>2.7. Length: at least 1 meter</p> <p>3. WARRANTY AND AFTERSALES SUPPORT</p> <p>3.1. Any repair or replacement service must be successfully done within thirty (30) calendar days upon receipt of notice from DOST-ASTI.</p> <p>3.2. The end-user must be able to request technical support by phone, email, or through a website.</p> <p>3.3. The RF Cables must have at least six (6) months of warranty from the time of delivery which covers defects in materials and workmanship. Warranty service shall commence from the date of end-user acceptance.</p> <p>4. DELIVERY AND PAYMENT TERMS</p> <p>4.1. The goods must be delivered sixty (60) days upon</p>	10	pc	5775.00	57,750.00

	<p>issuance of NTP.</p> <p>4.2. Full payment will only be processed once the item is completely delivered, inspected, and accepted by the end-user. No payment shall be made for items not delivered under this contract.</p>				
3	<p>OTG Cable USB Micro B Male to USB 2.0 A Female</p> <p>1. GENERAL OVERVIEW</p> <p>1.1. DOST-ASTI is seeking qualified and competent bidders for the Supply and Delivery of Fifteen (15) Pieces of OTG Cable USB Micro B Male to USB 2.0 A Female which will be used by the COMPASS Project for the development of their prototypes.</p> <p>1.2. The ABC is inclusive of government taxes and all applicable charges.</p> <p>2. TECHNICAL SPECIFICATIONS</p> <p>2.1. Interface: USB 2.0 Micro-B Male/USB 2.0-A Female</p> <p>2.2. Transmission Speed: 480Mbps</p> <p>3. WARRANTY AND AFTERSALES SUPPORT</p> <p>3.1. Any repair or replacement service must be successfully done within thirty (30) calendar days upon receipt of notice from DOST-ASTI.</p> <p>3.2. The end-user must be able to request technical support by phone, email, or through a website.</p> <p>3.3. The OTG Cables must have at least six (6) months of warranty from the time of delivery which covers defects in materials and workmanship. Warranty service shall commence from the date of end-user acceptance.</p> <p>4. DELIVERY AND PAYMENT TERMS</p> <p>4.1. The goods must be delivered sixty (60) days upon issuance of NTP.</p> <p>4.2. Full payment will only be processed once the item is completely delivered, inspected, and accepted by the end-user. No payment shall be made for items not delivered under this contract.</p>	15	pc	258.50	3,877.50
4	<p>WiFi HaLow Transceiver</p> <p>1. GENERAL OVERVIEW</p> <p>1.1. DOST-ASTI is seeking qualified and competent bidders for the Supply and Delivery of Three (3) Units of WiFi HaLow Transceiver which will be used by the COMPASS Project for the development of their prototypes.</p> <p>1.2. The ABC is inclusive of government taxes and all applicable charges.</p>	3	unit	1925.00	5,775.00

	<p>2. TECHNICAL SPECIFICATIONS</p> <p>2.1. Wi-Fi Frequency band: 902-928 MHz 2.2. WLAN Protocol: IEEE 802.11ah 2.3. Wi-Fi Modulation Mode: OFDM,BPSK, QPSK, 16QAM, 64QAM 2.4. Wi-Fi Operating Mode: AP/ STA</p> <p>3. WARRANTY AND AFTERSALES SUPPORT</p> <p>3.1. Any repair or replacement service must be successfully done within thirty (30) calendar days upon receipt of notice from DOST-ASTI. 3.2. The end-user must be able to request technical support by phone, email, or through a website. 3.3. The transceivers must have at least six (6) months of warranty from the time of delivery which covers defects in materials and workmanship. Warranty service shall commence from the date of end-user acceptance.</p> <p>4. DELIVERY AND PAYMENT TERMS</p> <p>4.1. The goods must be delivered sixty (60) days upon issuance of NTP. 4.2. Full payment will only be processed once the item is completely delivered, inspected, and accepted by the end-user. No payment shall be made for items not delivered under this contract.</p>				
5	<p>Embedded Module with AI Camera</p> <p>1. GENERAL OVERVIEW</p> <p>1.1. DOST-ASTI is seeking qualified and competent bidders for the Supply and Delivery of Three (3) Units of Embedded Module with AI Camera which will be used by the COMPASS Project for the development of their prototypes. 1.2. The ABC is inclusive of government taxes and all applicable charges.</p> <p>2. TECHNICAL SPECIFICATIONS</p> <p>2.1. Wireless 2.1.1. Complete 2.4GHz Wi-Fi subsystem 2.1.2. BLE: Bluetooth 5.0, Bluetooth mesh 2.2. Built-in camera sensor 2.3. Interface: UART, GPIO 2.4. Input voltage (Type-C): 5V, Input voltage (BAT): 4.2V</p> <p>3. WARRANTY AND AFTERSALES SUPPORT</p> <p>3.1. Any repair or replacement service must be successfully done within thirty (30) calendar days upon receipt of notice from DOST-ASTI. 3.2. The end-user must be able to request technical</p>	3	unit	1870.00	5,610.00

	<p>support by phone, email, or through a website.</p> <p>3.3. The Embedded Modules must have at least six (6) months of warranty from the time of delivery which covers defects in materials and workmanship. Warranty service shall commence from the date of end-user acceptance.</p> <p>4. DELIVERY AND PAYMENT TERMS</p> <p>4.1. The goods must be delivered sixty (60) days upon issuance of NTP.</p> <p>4.2. Full payment will only be processed once the item is completely delivered, inspected, and accepted by the end-user. No payment shall be made for items not delivered under this contract.</p>				
6	<p>Embedded Module Kit with Meshtastic and LoRa</p> <p>1. GENERAL OVERVIEW</p> <p>1.1. DOST-ASTI is seeking qualified and competent bidders for the Supply and Delivery of Three (3) Units of Embedded Module Kit with Meshtastic and LoRa which will be used by the COMPASS Project for the development of their prototypes.</p> <p>1.2. The ABC is inclusive of government taxes and all applicable charges.</p> <p>2. TECHNICAL SPECIFICATIONS</p> <p>2.1. LoRa: Supports 862-930MHz</p> <p>2.2. BLE: Bluetooth 5.0, Bluetooth mesh</p> <p>2.3. Wi-Fi: Complete 2.4GHz Wi-Fi subsystem</p> <p>2.4. Interface: UART, GPIO</p> <p>3. WARRANTY AND AFTERSALES SUPPORT</p> <p>3.1. Any repair or replacement service must be successfully done within thirty (30) calendar days upon receipt of notice from DOST-ASTI.</p> <p>3.2. The end-user must be able to request technical support by phone, email, or through a website.</p> <p>3.3. The items must have at least one (1) year of warranty from the time of delivery which covers defects in materials and workmanship. Warranty service shall commence from the date of end-user acceptance.</p> <p>4. DELIVERY AND PAYMENT TERMS</p> <p>4.1. The goods must be delivered sixty (60) days upon issuance of NTP.</p> <p>4.2. Full payment will only be processed once the item is completely delivered, inspected, and accepted by the end-user. No payment shall be made for items not delivered under this contract.</p>	3	unit	1364.00	4,092.00
7	<p>WiFi HaLow Mesh Outdoor Gateway (915Mhz)</p> <p>1. GENERAL OVERVIEW</p>	1	unit	27500.00	27,500.00

	<p>1.1. DOST-ASTI is seeking qualified and competent bidders for the Supply and Delivery of One (1) unit of Wi-Fi HaLow Mesh Outdoor Gateway (915Mhz) which will be used by the COMPASS Project for the development of their prototypes.</p> <p>1.2. The ABC is inclusive of government taxes and all applicable charges.</p> <p>2. TECHNICAL SPECIFICATIONS</p> <p>2.1. Wi-Fi 4, Wi-Fi HaLow wireless combined in one IoT Gateway</p> <p>2.2. 10/100M FE Ethernet</p> <p>2.3. 2T2R Wi-Fi 4 PHY Data Rate up to 300 Mbps</p> <p>2.4. Security supports 64/128-bits WEP, TKIP, WPA, WPA2, AES, WPS</p> <p>2.5. Multi-modes: Gateway, AP/Client</p> <p>3. WARRANTY AND AFTERSALES SUPPORT</p> <p>3.1. Any repair or replacement service must be successfully done within thirty (30) calendar days upon receipt of notice from DOST-ASTI.</p> <p>3.2. The end-user must be able to request technical support by phone, email, or through a website.</p> <p>3.3. The item must have at least six (6) months of warranty from the time of delivery which covers defects in materials and workmanship. Warranty service shall commence from the date of end-user acceptance.</p> <p>4. DELIVERY AND PAYMENT TERMS</p> <p>4.1. The goods must be delivered sixty (60) days upon issuance of NTP.</p> <p>4.2. Full payment will only be processed once the item is completely delivered, inspected, and accepted by the end-user. No payment shall be made for items not delivered under this contract.</p>				
8	<p>Fabrication of One (1) Lot of LoRa Standalone Daughter Board EM0</p> <p>1. General Overview</p> <p>1.1.DOST-ASTI is seeking qualified and competent bidders for the FABRICATION OF ONE (1) LOT OF TOWER ALARM LAMP HAT EM0, which will be used to upgrade the existing data transmission capability of the deployed stations.</p> <p>1.2. The Approved Budget for the Contract (ABC) includes all applicable government taxes and services charges.</p> <p>1.3. Detailed specs based on actual manufacturing files from the end-user shall be observed.</p> <p>1.4. Will be part of the prototype under the COMPASS project.</p>	1	lot	44000.00	44,000.00

2. Technical Specifications

2.1. PCB Fabrication Only:

- 2.1.1. Quantity: Five (5) pcs
- 2.1.2. PCB Fabrication Specs:
 - 2.1.2.1. Material: FR-4: TG150
 - 2.1.2.2. Number of Layers: Two (2)
 - 2.1.2.3. Dimensions: 50 x 45 mm \pm 10 mm
 - 2.1.2.4. Copper Weight: 1 oz
 - 2.1.2.5. Silkscreen: White
 - 2.1.2.6. Surface Finish: Immersion Gold (ENIG)
 - 2.1.2.7. Solder Mask: Blue
 - 2.1.2.8. Minimum Trace Width: 0.2 mm
 - 2.1.2.9. With Customized Service: Plugged vias with solder mask
 - 2.1.2.10. Hole Specs:
 - 2.1.2.10.1. Minimum Hole Size: 0.3 mm
 - 2.1.2.10.2. Number of Holes: Ninety-Two (92)
 - 2.1.2.10.3. Via Size: 0.25 mm
- 2.2. PCB Assembly:
 - 2.2.1. Quantity: Three (3) pcs from the 2.1.1 above
 - 2.2.2. Board Specs: Refer 2.1.2
 - 2.2.3. Assembly Specs:
 - 2.2.3.1. Board Type: Single pieces
 - 2.2.3.2. Assembly Side: Top side
 - 2.2.3.3. Test Method: Flying Probe Test/ Nail Bed
 - 2.2.3.4. Number of Components: Thirty-Six (36)

3. Notes

- 3.1. This procurement includes:
 - 3.1.1. Board fabrication and components assembly.
 - 3.1.2. Component sourcing based on Bill of Materials (BOM).
 - 3.1.3. Gerber, BOM and other manufacturing files are available upon request.
- 3.2. Manufacturing files will be provided by the end-user once the supplier has signed the Non-Disclosure Agreement (NDA).

4. Warranty and after-sales support

- 4.1. These boards must have at least six (6) months of warranty from the time of delivery which covers defects in components, workmanship, and fabrication issues.
- 4.2. Warranty service shall commence from the date of end-user acceptance.
- 4.3. Technical support service must be available Monday to Friday (including holidays), during business hours, 9AM –6PM Philippines Standard Time (UTC+8).
- 4.4. Any repair or replacement service must be successfully done within thirty (30) calendar days upon receipt of notice from DOST-ASTI.
- 4.5. The end-user must be able to request technical support by phone, email or through a website.

5. Delivery and payment terms

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| <p>5.1. The goods must be delivered within thirty (30) calendar days upon issuance of Notice to Proceed (NTP).</p> <p>5.2. Full payment will only be processed once the item is completely delivered, inspected, and accepted by the end-user.</p> <p>5.3. No payment shall be made for supplies and materials not delivered under this contract.</p> | | | | |
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TOTAL APPROVED BUDGET FOR THE CONTRACT (ABC):

Php 330,088.00

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.*