



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

<b>Kind of Procurement Activity:</b>	Negotiated Procurement:Small-value Procurement		
<b>Deadline of Submission of Bids:</b>	Sep-09-2024, 2:00 PM		
<b>RFQ No.:</b>	24-09-4981	<b>Date:</b>	September-05-2024
<b>PR No.:</b>	GAA-24-08-19746	<b>Date:</b>	August-08-2024

*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><b>Embedded Module - Hardware In-Circuit Debugger and Programmer</b></p> <p>1. GENERAL OVERVIEW</p> <p>1.1. DOST-ASTI is seeking qualified and competent bidders for the SUPPLY AND DELIVERY OF TWO (2) SETS OF HARWARE IN-CIRCUIT DEBUGGER AND PROGRAMMER to be used in the initial research stage of the STRIIIDER.</p> <p>1.2. The Approved Budget for the Contract (ABC) includes all applicable government taxes and services charges.</p> <p>2. TECHNICAL SPECIFICATIONS</p> <p>2.1. Interface type: JTAG, SWD, USB</p> <p>2.2. Operating supply voltage: 1.65 to 3.6 V</p> <p>3. WARRANTY</p> <p>3.1. Must have at least six (6) months of warranty from the time of delivery which covers defects in the fabrication and components.</p> <p>3.2. Warranty service shall commence from the date of end-user acceptance.</p> <p>3.3. Any repair or replacement service must be performed within fifteen (15) calendar days upon receipt of notice from DOST-ASTI.</p>	2	set	1350.00	2,700.00

	<p>4. DELIVERY AND PAYMENT TERMS</p> <p>4.1. The goods must be delivered within thirty (30) calendar days upon issuance of Notice to Proceed.</p> <p>4.2. Full payment will only be processed once the items are completely delivered, inspected, and accepted by the End-user.</p> <p>4.3. No payment shall be made for item/s not delivered under this contract.</p>				
2	<p><b>Workshop Consumable - Carbon Fiber Tube (25mm)</b></p> <p>1. GENERAL OVERVIEW</p> <p>1.1. DOST-ASTI is seeking qualified and competent bidders for the SUPPLY AND DELIVERY OF FIVE (5) PCS OF CARBON FIBER TUBE to be used in the initial research stage of the STRIIDER.</p> <p>1.2. The ABC includes all applicable government taxes and services charges.</p> <p>2. TECHNICAL SPECIFICATIONS</p> <p>2.1. Material: 100% Carbon fiber</p> <p>2.2. Size:</p> <p>2.2.1. Outer: 25 mm</p> <p>2.2.2. Inner: 22 – 23 mm</p> <p>2.2.3. Length: 1000 mm</p> <p>2.3. Finish: 3k Twill matte</p> <p>3. WARRANTY</p> <p>3.1. Must have at least six (6) months of warranty from the time of delivery which covers defects in the fabrication and components.</p> <p>3.2. Warranty service shall commence from the date of end-user acceptance.</p> <p>3.3. Any repair or replacement service must be performed within fifteen (15) calendar days upon receipt of notice from DOST-ASTI.</p> <p>4. DELIVERY AND PAYMENT TERMS</p> <p>4.1. The goods must be delivered within thirty (30) calendar days upon issuance of NTP.</p> <p>4.2. Full payment will only be processed once the items are completely delivered, inspected, and accepted by the End-user.</p> <p>4.3. No payment shall be made for item/s not delivered under this contract.</p>	5	pc	2850.00	14,250.00
3	<p><b>Sensor - Stereo Depth Sensor</b></p> <p>1. GENERAL OVERVIEW</p> <p>1.1. DOST-ASTI is seeking qualified and competent bidders for the SUPPLY AND DELIVERY OF ONE (1) PC OF STEREO DEPTH SENSOR to be used in the initial research stage of the STRIIDER.</p> <p>1.2. Will be part of the prototype under the STRIIDER project.</p> <p>1.3. The ABC includes all applicable government taxes and services charges.</p> <p>2. TECHNICAL SPECIFICATIONS</p> <p>2.1. With polarizer</p> <p>2.2. Lens focal length: 2.1 mm</p>	1	pc	53000.00	53,000.00

	<p>2.3. Built-in next-Gen IMU, Gyroscope, Barometer and Magnetometer  2.4. FOV: 120° wide-angle  2.5. All Aluminum frame with thermal control  2.6. Protection: IP66</p> <p>3. WARRANTY  3.1. Must have at least six (6) months of warranty from the time of delivery which covers defects in the fabrication and components.  3.2. Warranty service shall commence from the date of end-user acceptance.  3.3. Any repair or replacement service must be performed within fifteen (15) calendar days upon receipt of notice from DOST-ASTI.</p> <p>4. DELIVERY AND PAYMENT TERMS  4.1. The goods must be delivered within thirty (30) calendar days upon issuance of NTP.  4.2. Full payment will only be processed once the items are completely delivered, inspected, and accepted by the End-user.  4.3. No payment shall be made for item/s not delivered under this contract.</p>				
4	<p><b>Sensor - Stereo Depth Sensor</b></p> <p>1. GENERAL OVERVIEW  1.1. DOST-ASTI is seeking qualified and competent bidders for the SUPPLY AND DELIVERY OF ONE (1) PC OF STEREO DEPTH SENSOR to be used in the initial research stage of the STRIIIDER.  1.2. Will be part of the prototype under the STRIIIDER project.  1.3. The ABC includes all applicable government taxes and services charges.</p> <p>2. TECHNICAL SPECIFICATIONS  2.1. Equipped with 4 TOPS of processing power  2.2. RAM: 4 GB  2.3. eMMC: 32 GB  2.4. No wifi  2.5. Protection: IP67</p> <p>3. WARRANTY  3.1. Must have at least six (6) months of warranty from the time of delivery which covers defects in the fabrication and components.  3.2. Warranty service shall commence from the date of end-user acceptance.  3.3. Any repair or replacement service must be performed within fifteen (15) calendar days upon receipt of notice from DOST-ASTI.</p> <p>4. DELIVERY AND PAYMENT TERMS  4.1. The goods must be delivered within thirty (30) calendar days upon issuance of NTP.  4.2. Full payment will only be processed once the items are completely delivered, inspected, and accepted by the End-user.  4.3. No payment shall be made for item/s not delivered under this contract.</p>	1	pc	50000.00	50,000.00

5	<p><b>Single-board Computer - Compute Module</b></p> <p>1. GENERAL OVERVIEW</p> <p>1.1. DOST-ASTI is seeking qualified and competent bidders for the SUPPLY AND DELIVERY OF TWO (2) PCS OF COMPUTER MODULE to be used in the initial research stage of the STRIIDER.</p> <p>1.2. Will be part of the prototype under the STRIIDER project.</p> <p>1.3. The ABC includes all applicable government taxes and services charges.</p> <p>2. TECHNICAL SPECIFICATIONS</p> <p>2.1. Core type: 64-bit ARM Cortex</p> <p>2.2. No of cores: Four (4)</p> <p>2.3. RAM: 8GB LPDDR4</p> <p>2.4. CPU speed: 1.5 GHz</p> <p>2.5. eMMC: 32 GB</p> <p>2.6. Compute module interface: I2C, SPI, PCIe Gen 2 x 1</p> <p>2.7. Connectivity:</p> <p>2.7.1. WiFi: 2.4 GHz and 5 GHz 802.11 b/g/n/ac</p> <p>2.7.2. Bluetooth: Bluetooth 5.0 BLE</p> <p>3. WARRANTY</p> <p>3.1. Must have at least six (6) months of warranty from the time of delivery which covers defects in the fabrication and components.</p> <p>3.2. Warranty service shall commence from the date of end-user acceptance.</p> <p>3.3. Any repair or replacement service must be performed within fifteen (15) calendar days upon receipt of notice from DOST-ASTI.</p> <p>4. DELIVERY AND PAYMENT TERMS</p> <p>4.1. The goods must be delivered within thirty (30) calendar days upon issuance of NTP.</p> <p>4.2. Full payment will only be processed once the items are completely delivered, inspected, and accepted by the End-user.</p> <p>4.3. No payment shall be made for item/s not delivered under this contract.</p>	2	pc	9500.00	19,000.00
6	<p><b>Development Board - ARM Cortex M7</b></p> <p>1. GENERAL OVERVIEW</p> <p>1.1. DOST-ASTI is seeking qualified and competent bidders for the SUPPLY AND DELIVERY OF TWO (2) PCS OF ARM CORTEX M7 to be used in the initial research stage of the STRIIDER.</p> <p>1.2. Will be part of the prototype under the STRIIDER project.</p> <p>1.3. The ABC includes all applicable government taxes and services charges.</p> <p>2. TECHNICAL SPECIFICATIONS</p> <p>2.1. 32 kHz crystal oscillator</p> <p>2.2. With built-in microcontroller</p> <p>3. WARRANTY</p> <p>3.1. Must have at least six (6) months of warranty from the time of delivery which covers defects in the fabrication and components.</p>	2	pc	3250.00	6,500.00

	<p>3.2. Warranty service shall commence from the date of end-user acceptance.</p> <p>3.3. Any repair or replacement service must be performed within fifteen (15) calendar days upon receipt of notice from DOST-ASTI.</p> <p>4. DELIVERY AND PAYMENT TERMS</p> <p>4.1. The goods must be delivered within thirty (30) calendar days upon issuance of NTP.</p> <p>4.2. Full payment will only be processed once the items are completely delivered, inspected, and accepted by the End-user.</p> <p>4.3. No payment shall be made for item/s not delivered under this contract.</p>				
7	<p><b>Accessory - Laptop Stand</b></p> <p>1. GENERAL OVERVIEW</p> <p>1.1. DOST-ASTI is seeking qualified and competent bidders for the SUPPLY AND DELIVERY OF EIGHT (8) PCS OF LAPTOP STAND to be used to perform daily tasks of the STRIIDER project.</p> <p>1.2. The ABC includes all applicable government taxes and services charges.</p> <p>2. TECHNICAL SPECIFICATIONS</p> <p>2.1. Material:</p> <p>2.1.1. Body: Aluminum Alloy</p> <p>2.1.2. Anti-slip: Multiple Silicone Pads</p> <p>2.2. Fan parameters:</p> <p>2.2.1. Cooling method: Dual-core silent motor fan cooling</p> <p>2.2.2. Rated Voltage: 5 v</p> <p>2.2.3. Rated Current: 0.15 A</p> <p>2.2.4. Rater Power: 0.6 W</p> <p>2.2.5. Rated Speed: 2700 rpm ± 10%</p> <p>2.2.6. Air Volume = 2.0 CFM</p> <p>2.3. Power supply mode: USB Type C Interface</p> <p>2.4. With anti-slip wire protection</p> <p>2.5. Compatible with 10" – 17" laptops</p> <p>3. PACKAGE INCLUSION</p> <p>3.1. One (1) Laptop Stand</p> <p>3.2. One (1) USB-C charging cable</p> <p>4. WARRANTY</p> <p>4.1. Must have at least six (6) months of warranty from the time of delivery which covers defects in the fabrication and components.</p> <p>4.2. Warranty service shall commence from the date of end-user acceptance.</p> <p>4.3. Any repair or replacement service must be performed within fifteen (15) calendar days upon receipt of notice from DOST-ASTI.</p> <p>5. DELIVERY AND PAYMENT TERMS</p> <p>5.1. The goods must be delivered within thirty (30) calendar days upon issuance of NTP.</p> <p>5.2. Full payment will only be processed once the items are completely delivered, inspected, and accepted by the End-user.</p> <p>5.3. No payment shall be made for item/s not delivered</p>	8	pc	950.00	7,600.00

	under this contract.				
8	<p><b>Sensor - Sonar Altimeter and Echosounder</b></p> <p>1. GENERAL OVERVIEW</p> <p>1.1. DOST-ASTI is seeking qualified and competent bidders for the SUPPLY AND DELIVERY OF ONE (1) SET OF SONAR ALTIMETER AND ECHOSOUNDER to be used to measure distances underwater.</p> <p>1.2. The ABC includes all applicable government taxes and services charges.</p> <p>2. TECHNICAL SPECIFICATIONS</p> <p>2.1. Electrical:</p> <p>2.1.1. Supply voltage: 4.5 – 5.5 V</p> <p>2.1.2. Logic level voltage: 3.3 V (5 V tolerant)</p> <p>2.1.3. Current draw:</p> <p>2.1.3.1. Typical: 100 mA</p> <p>2.1.3.2. Peak: 900 mA</p> <p>2.2. Communication:</p> <p>2.2.1. Signal protocol: TTL Serial (UART)</p> <p>2.2.2. Baud rates: 115200 bps (default), 9600 bps</p> <p>2.2.3. Message protocol: Ping</p> <p>2.3. Cable:</p> <p>2.3.1. Length: 875 mm / 34.5 in</p> <p>2.3.2. Maximum: 8 m / 26 ft</p> <p>2.3.3. Conductor gauge: 24 AWG</p> <p>2.4. Wires:</p> <p>2.4.1. Black: GND</p> <p>2.4.2. Red: VIN</p> <p>2.4.3. White: TX (Out)</p> <p>2.4.4. Green: RX (In)</p> <p>2.5. Acoustics:</p> <p>2.5.1. Frequency: 115 KHz</p> <p>2.5.2. Source level: 198 dB re 1 uPa @ 1 m</p> <p>2.5.3. Beamwidth (-3 dB from peak): 25 degrees</p> <p>2.5.4. Range:</p> <p>2.5.4.1. Minimum: 0.3 m / 1 ft</p> <p>2.5.4.2. Usable: 100 m / 328 ft</p> <p>2.5.4.3. Resolution: 0.5% of range</p> <p>2.5.4.4. Resolution @ 100 m (water range, not measured range): 50 cm / 19.7 in</p> <p>2.5.4.5. Resolution @ 2 m (water range, not measured range): 1 cm / 0.4 in</p> <p>2.6. Physical:</p> <p>2.6.1. Depth rating: 300 m / 984 ft</p> <p>2.6.2. Temperature range: 0-30 degrees Celsius / 32-86 degrees Fahrenheit</p> <p>2.7. Mounting bracket screw size: M5X16 mm</p> <p>3. WARRANTY</p> <p>3.1. Must have at least six (6) months of warranty from the time of delivery which covers defects in the fabrication and components.</p> <p>3.2. Warranty service shall commence from the date of end-user acceptance.</p> <p>3.3. Any repair or replacement service must be performed within fifteen (15) calendar days upon receipt of notice from DOST-ASTI.</p> <p>4. DELIVERY AND PAYMENT TERMS</p> <p>4.1. The goods must be delivered within thirty (30)</p>	1	set	40000.00	40,000.00

calendar days upon issuance of NTP.  
4.2. Full payment will only be processed once the items are completely delivered, inspected, and accepted by the End-user.  
4.3. No payment shall be made for item/s not delivered under this contract.

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

**Php 193,050.00**

**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.*