



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

**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>	Apr-05-2024, 2:00 PM		
<b>RFQ No.:</b>	24-03-4733	<b>Date:</b>	April-01-2024
<b>PR No.:</b>	ALAM-24-03-18929	<b>Date:</b>	March-22-2024

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 COMPUTING BOARD DEVELOPER KIT</b></p> <p>1. GENERAL STATEMENT</p> <p>1.1 DOST-ASTI is seeking qualified and competent bidders for the supply and Delivery of One (1) Unit of Embedded Computing Board Developer Kit.</p> <p>1.2 The Embedded Computing Board Developer Kit is for developing 3D reconstruction AI Models on Edge devices. Image Data processing and Edge computing where AI models can be trained, tested and deployed.</p> <p>1.3 The Approved Budget for the Contract (ABC) is inclusive of all applicable government taxes and service charges (e.g. VAT, OTC, termination, duties, etc.)</p> <p>2. TECHNICAL SPECIFICATIONS</p> <p>2.1 GPU32 tensor cores, 625MHz max frequency</p> <p>2.2 CPU: 6-core, 64bit CPU 1.5MB L2+4MB L3</p> <p>2.3 Memory: 8GB 128-bit LPDDR5 68 GB/s</p> <p>2.4 Dimensions: 100mm x 79mm 21mm (height includes feet, carrier board, module and thermal solution)</p> <p>2.5 Camera &amp; Camera connectors</p> <p>2.5.1 2x MIPI CSI-2-22-pin</p> <p>2.5.2 M,2 Key M: x4 PCIe Gen 3</p> <p>2.5.3 M,2 Key M: x2 PCIe Gen 3</p>	1	unit	33000.00	33,000.00

	<p>2.5.4 M,2 Key E: PCIe (x1), USB 2.0, UART, I2S, and I2C USB:</p> <p>2.5.5 Type A: 4x USB 3.2 Gen2</p> <p>2.5.6 Type C: 1x for UFP</p> <p>2.7 Networking: 1x Gbe Connector</p> <p>2.8 Display: DisplayPort 1.2 (+MST)</p> <p>2.9 MicroSD Slot: UHS-1 cards up to SDR104 mode</p> <p>2.9.1 Peripherals</p> <p>2.9.2 40-Pin Expansion header (UART, SPI, I2S, I2C, GPIO)</p> <p>2.9.3 12-Pin button header</p> <p>2.9.4 4-Pin fan header</p> <p>2.9.5 DC power jack</p> <p>3. WARRANTY</p> <p>3.1 Defective and incorrect items shall be replaced/changed by the supplier within fifteen (15) calendar days upon receipt of notice from the end-user or DOST-ASTI Property and Supply Section.</p> <p>3.2 Supplier warrants the items against defects in manufacturing and shipping and delivery issues.</p> <p>3.3 Must carry at least one (1) year warranty.</p> <p>4. DELIVERY AND PAYMENT TERMS</p> <p>4.1 Delivery of the service shall start not later than thirty (30) calendar days upon issuance of Notice to Proceed (NTP). The price of bid must be inclusive of government taxes and other charges.</p> <p>4.2 Payment shall be made only upon certification/acceptance by the end-user to the effect that the goods have been rendered or delivered in accordance with the terms of this Contract and have been duly inspected and accepted.</p> <p>4.3 No payment shall be made for goods not yet rendered or for supplies and materials not yet delivered under this Contract.</p>				
2	<p><b>500 GB 2280-size NVME SSD Card</b></p> <p>1. GENERAL STATEMENT</p> <p>1.1 DOST-ASTI is seeking qualified and competent bidders for the supply and Delivery of One (1) Unit of 500 GB 2280-size NVMe SSD Card.</p> <p>1.2 The ABC is inclusive of all applicable government taxes and service charges (e.g. VAT, OTC, termination, duties, etc.)</p> <p>2. TECHNICAL SPECIFICATIONS</p> <p>2.1 M.2 Slot (Key-M, Type 2280)</p> <p>3. WARRANTY</p> <p>3.1 Defective and incorrect items shall be replaced/changed by the supplier within fifteen (15) calendar days upon receipt of notice from the end-user or DOST-ASTI Property and Supply Section.</p> <p>3.2 Supplier warrants the items against defects in manufacturing and shipping and delivery issues.</p> <p>3.3 Must carry at least one (1) year warranty.</p> <p>4. DELIVERY AND PAYMENT TERMS</p> <p>4.1 Delivery of the service shall start not later than thirty (30) calendar days upon issuance of Notice to Proceed</p>	1	unit	5005.00	5,005.00

	<p>(NTP). The price of bid must be inclusive of government taxes and other charges.</p> <p>4.2 Payment shall be made only upon certification/acceptance by the end-user to the effect that the goods have been rendered or delivered in accordance with the terms of this Contract and have been duly inspected and accepted.</p> <p>4.3 No payment shall be made for goods not yet rendered or for supplies and materials not yet delivered under this Contract.</p>				
3	<p><b>CAMERA MODULE 2</b></p> <p>1. GENERAL STATEMENT</p> <p>1.1 DOST-ASTI is seeking qualified and competent bidders for the supply and Delivery of Two (2) Units of Camera Module 2.</p> <p>1.2 The ABC is inclusive of all applicable government taxes and service charges (e.g. VAT, OTC, termination, duties, etc.)</p> <p>2. TECHNICAL SPECIFICATIONS</p> <p>2.1 Image: 8-Megapixel</p> <p>2.2 Board size: 25mm x 20mm x 9mm</p> <p>3. WARRANTY</p> <p>3.1 Defective and incorrect items shall be replaced/changed by the supplier within fifteen (15) calendar days upon receipt of notice from the end-user or DOST-ASTI Property and Supply Section.</p> <p>3.2 Supplier warrants the items against defects in manufacturing and shipping and delivery issues.</p> <p>3.3 Must carry at least one (1) year warranty.</p> <p>4. DELIVERY AND PAYMENT TERMS</p> <p>4.1 Delivery of the service shall start not later than thirty (30) calendar days upon issuance of Notice to Proceed (NTP). The price of bid must be inclusive of government taxes and other charges.</p> <p>4.2 Payment shall be made only upon certification/acceptance by the end-user to the effect that the goods have been rendered or delivered in accordance with the terms of this Contract and have been duly inspected and accepted.</p> <p>4.3 No payment shall be made for goods not yet rendered or for supplies and materials not yet delivered under this Contract.</p>	2	unit	1500.00	3,000.00
4	<p><b>BOARD MOUNT TEMPERATURE SENSOR</b></p> <p>1. GENERAL STATEMENT</p> <p>1.1 DOST-ASTI is seeking qualified and competent bidders for the supply and Delivery of Two (2) Units of Board Mount Temperature Sensor.</p> <p>1.2 The ABC is inclusive of all applicable government taxes and service charges (e.g. VAT, OTC, termination, duties, etc.)</p> <p>2. TECHNICAL SPECIFICATIONS</p> <p>2.1 Sensor Type: Thermal Sensor</p> <p>2.2 MEMs Thermal Sensor 32 x 32 D6T-321-01A Thermal Camera</p> <p>2.3 Power Supply: ranges from 4,5 to 5.5VDC</p>	2	unit	13000.00	26,000.00

	<p>2.4 Part Number: D6T-32L-01A  2.5 Sensing Distance: 3m  2.6 Pin Count: 4</p> <p>3. WARRANTY  3.1 Defective and incorrect items shall be replaced/changed by the supplier within fifteen (15) calendar days upon receipt of notice from the end-user or DOST-ASTI Property and Supply Section.  3.2 Supplier warrants the items against defects in manufacturing and shipping and delivery issues.  3.3 Must carry at least one (1) year warranty.</p> <p>4. DELIVERY AND PAYMENT TERMS  4.1 Delivery of the service shall start not later than thirty (30) calendar days upon issuance of Notice to Proceed (NTP). The price of bid must be inclusive of government taxes and other charges.  4.2 Payment shall be made only upon certification/acceptance by the end-user to the effect that the goods have been rendered or delivered in accordance with the terms of this Contract and have been duly inspected and accepted.  4.3 No payment shall be made for goods not yet rendered or for supplies and materials not yet delivered under this Contract.</p>				
5	<p><b>EDGE COMPUTING EVALUATION KIT- MAX78002 EVALUATION BOARD</b></p> <p>1. GENERAL STATEMENT  1.1 DOST-ASTI is seeking qualified and competent bidders for the supply and Delivery of One (1) Unit of Edge Computing Evaluation Kit - MAX78002 Evaluation Board  1.2 The ABC is inclusive of all applicable government taxes and service charges (e.g. VAT, OTC, termination, duties, etc.)</p> <p>2. TECHNICAL SPECIFICATIONS  2.1 ARM MAX78002 evaluation board  2.2 Power Accumulator with dedicated display to Track Device Energy Consumption  2.3 Works up to 4x better than MAX78000 with Connectorized I25 Digital Microphone  2.4 Stereo Audio Codec with 3.5mm Line-in and Line-out Jacks  2.5 8MB QSPI SRAM, with CSI and DVP cameras</p> <p>3. WARRANTY  3.1 Defective and incorrect items shall be replaced/changed by the supplier within fifteen (15) calendar days upon receipt of notice from the end-user or DOST-ASTI Property and Supply Section.  3.2 Supplier warrants the items against defects in manufacturing and shipping and delivery issues.  3.3 Must carry at least one (1) year warranty.</p> <p>4. DELIVERY AND PAYMENT TERMS  4.1 Delivery of the service shall start not later than thirty (30) calendar days upon issuance of Notice to Proceed (NTP). The price of bid must be inclusive of</p>	1	unit	15000.00	15,000.00

	<p>government taxes and other charges.</p> <p>4.2 Payment shall be made only upon certification/acceptance by the end-user to the effect that the goods have been rendered or delivered in accordance with the terms of this Contract and have been duly inspected and accepted.</p> <p>4.3 No payment shall be made for goods not yet rendered or for supplies and materials not yet delivered under this Contract.</p>				
6	<p><b>SINGLE-BOARD COMPUTER</b></p> <p>1. GENERAL STATEMENT</p> <p>1.1 DOST-ASTI is seeking qualified and competent bidders for the supply and Delivery of Two (2) Units of Single Board Computer.</p> <p>1.2 The ABC is inclusive of all applicable government taxes and service charges (e.g. VAT, OTC, termination, duties, etc.)</p> <p>2. TECHNICAL SPECIFICATIONS</p> <p>2.1 8GB RAM with heat sink</p> <p>2.2 Bluetooth 5.0/Bluetooth Low Energy (BLE)</p> <p>2.3 Micro-SD card slot with support for high-speed SDR104 mode.</p> <p>2.4 VideoCore VII GPU, supporting OpenGL ES 3.1, Vulkan 1.2</p> <p>3. WARRANTY</p> <p>3.1 Defective and incorrect items shall be replaced/changed by the supplier within fifteen (15) calendar days upon receipt of notice from the end-user or DOST-ASTI Property and Supply Section.</p> <p>3.2 Supplier warrants the items against defects in manufacturing and shipping and delivery issues.</p> <p>3.3 Must carry at least one (1) year warranty.</p> <p>4. DELIVERY AND PAYMENT TERMS</p> <p>4.1 Delivery of the service shall start not later than thirty (30) calendar days upon issuance of Notice to Proceed (NTP). The price of bid must be inclusive of government taxes and other charges.</p> <p>4.2 Payment shall be made only upon certification/acceptance by the end-user to the effect that the goods have been rendered or delivered in accordance with the terms of this Contract and have been duly inspected and accepted.</p> <p>4.3 No payment shall be made for goods not yet rendered or for supplies and materials not yet delivered under this Contract.</p>	2	unit	5000.00	10,000.00
7	<p><b>SENSOR DEVELOPMENT EVALUATION BOARD</b></p> <p>1. GENERAL STATEMENT</p> <p>1.1 DOST-ASTI is seeking qualified and competent bidders for the supply and Delivery of Two (2) Units of Sensor Development Evaluation Board</p> <p>1.2 The ABC is inclusive of all applicable government taxes and service charges (e.g. VAT, OTC, termination, duties, etc.)</p> <p>2. TECHNICAL SPECIFICATIONS</p> <p>2.1 2JCIE-EV01-RPI</p>	2	unit	9900.00	19,800.00

	<p>2.2 25MPB-02E, LIS2DWI2, OPT3001DNP, SHT30-DI5-B, SPH0645LM4H-B</p> <p>2.3 Accelerometer</p> <p>2.4 Barometer</p> <p>2.5 Humidity</p> <p>2.6 Light Sound</p> <p>2.7 Temperature Sensor Platform evaluation expansion board</p> <p>3. WARRANTY</p> <p>3.1 Defective and incorrect items shall be replaced/changed by the supplier within fifteen (15) calendar days upon receipt of notice from the end-user or DOST-ASTI Property and Supply Section.</p> <p>3.2 Supplier warrants the items against defects in manufacturing and shipping and delivery issues.</p> <p>3.3 Must carry at least one (1) year warranty.</p> <p>4. DELIVERY AND PAYMENT TERMS</p> <p>4.1 Delivery of the service shall start not later than thirty (30) calendar days upon issuance of Notice to Proceed (NTP). The price of bid must be inclusive of government taxes and other charges.</p> <p>4.2 Payment shall be made only upon certification/acceptance by the end-user to the effect that the goods have been rendered or delivered in accordance with the terms of this Contract and have been duly inspected and accepted.</p> <p>4.3 No payment shall be made for goods not yet rendered or for supplies and materials not yet delivered under this Contract.</p>				
8	<p><b>EDGE COMPUTING EVALUATION KIT- MAX78000 EVALUATION BOARD</b></p> <p>1. GENERAL STATEMENT</p> <p>1.1 DOST-ASTI is seeking qualified and competent bidders for the supply and Delivery of One (1) Unit of Edge Computing Evaluation Kit - MAX78000 Evaluation Board</p> <p>1.2 The ABC is inclusive of all applicable government taxes and service charges (e.g. VAT, OTC, termination, duties, etc.)</p> <p>2. TECHNICAL SPECIFICATIONS</p> <p>2.1 Power Accumulator with Dedicated Display to Track Device Energy Consumption with Connectorized I2S Digital Microphone</p> <p>2.2 Stereo Audio Codec with 3.5mm Line-in and Line-out Jacks</p> <p>2.3 8MB QSPI SRAM</p> <p>3. WARRANTY</p> <p>3.1 Defective and incorrect items shall be replaced/changed by the supplier within fifteen (15) calendar days upon receipt of notice from the end-user or DOST-ASTI Property and Supply Section.</p> <p>3.2 Supplier warrants the items against defects in manufacturing and shipping and delivery issues.</p> <p>3.3 Must carry at least one (1) year warranty.</p> <p>4. DELIVERY AND PAYMENT TERMS</p>	1	unit	13000.00	13,000.00

4.1 Delivery of the service shall start not later than thirty (30) calendar days upon issuance of Notice to Proceed (NTP). The price of bid must be inclusive of government taxes and other charges.

4.2 Payment shall be made only upon certification/acceptance by the end-user to the effect that the goods have been rendered or delivered in accordance with the terms of this Contract and have been duly inspected and accepted.

4.3 No payment shall be made for goods not yet rendered or for supplies and materials not yet delivered under this Contract.

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

**Php 124,805.00**

### **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.*