



**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>	Jun-18-2024, 2:00 PM		
<b>RFQ No.:</b>	24-06-4868	<b>Date:</b>	June-13-2024
<b>PR No.:</b>	GAA-24-05-19186	<b>Date:</b>	April-29-2024

*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>Various Items for Prototype Development</b></p> <p>1. Objective</p> <p>1.1. DOST-ASTI is looking for qualified and competent bidders for the supply and delivery of various items for prototype development.</p> <p>1.2. The Approved Budget for the Contract (ABC) is inclusive of government taxes and other applicable charges.</p> <p>1.3. Prospective bidders must submit a breakdown of price quotations per item specified in 2. Technical Specifications.</p> <p>2. Technical Specifications</p> <p>2.1. MCU Board (ABC - PhP8,000.00)</p> <p>2.1.1. Quantity: At least four pieces</p> <p>2.1.2. Genuine product / Latest version</p> <p>2.1.3. ATmega328P-based microcontroller</p> <p>2.1.4. Input voltage range: 7-12V</p> <p>2.1.5. At least 14 Digital I/O Pins (6 PWM outputs)</p> <p>2.1.6. At least 6 Analog Inputs</p> <p>2.1.7. At least 32k Flash Memory</p> <p>2.1.8. 16Mhz Clock Speed</p> <p>2.1.9. Communications: UART, SPI, I2C</p> <p>2.2. Servo Motor Bracket (ABC - PhP3,300.00)</p>	1	lot	11300.00	11,300.00

	<p>2.2.1. Quantity: At least 11 pieces  2.2.2. Supported Motors: 10kg-cm servos (such as MG995, MG996)  2.2.3. No. of Axis: 2 axes  2.2.4. Weight: Approx. 51.2 grams  2.2.5. No. of Metallic Pieces: 2  2.2.6. Material: Metal</p> <p>3. Warranty  3.1. Supplier warrants the item against defects in manufacturing and shipping and delivery issues.  3.2. Defective and incorrect items shall be replaced within seven (7) calendar days upon receipt of notice from the end-user or DOST-ASTI Property and Supply Section.  3.3. Warranty Period: At least six (6) months.</p> <p>4. Payment and Delivery Terms  4.1. Price is inclusive of government taxes, delivery charges, etc.  4.2. Items must be delivered on or before 21 June 2024 to DOST-ASTI Extension Office, National Engineering Center (NEC) - University of the Philippines (UP), Junio Hall, corner Osmeña Ave., Diliman, Quezon City.</p>				
2	<p><b>Various Technical Supplies and Tools</b></p> <p>1. Objective  1.1. DOST-ASTI is looking for qualified and competent bidders for the supply and delivery of various supplies and tools for AUS project implementation.  1.2. The ABC is inclusive of government taxes and other applicable charges.  1.3. Prospective bidders must submit a breakdown of price quotations per item specified in 2. Technical Specifications.</p> <p>2. Technical Specifications</p> <p>2.1. UVC Bulb - 4W (ABC - PhP10,080.00)  2.1.1. Consumable technical supply  2.1.2. Quantity: At least twelve pieces  2.1.3. For deactivation of bacteria, viruses and other micro-organisms  2.1.4. Power: At least 4 watts  2.1.5. Length: Approx. 6"/150mm  2.1.6. Cap: 2 pins (G5)  2.1.7. Compatibility: G4T5</p> <p>2.2. Bearing - 6806zz (ABC - PhP1,400.00)  2.2.1. Consumable technical supply  2.2.2. Quantity: At least ten pieces  2.2.3. Dimension: 30x42x7mm  2.2.4. Type: Metal Shielded  2.2.5. Application: High-speed</p> <p>2.3. Bearing - 676zz (ABC - PhP1,200.00)  2.3.1. Consumable technical supply  2.3.2. Quantity: At least ten pieces  2.3.3. Dimension: 6x10x3mm  2.3.4. Type: Double Shielded</p>	1	lot	50000.00	50,000.00

2.3.5. Application: high-speed

2.4. Buck Converter – LM2596 (ABC - PhP3,900.00)

2.4.1. Consumable technical supply

2.4.2. Quantity: At least ten pieces

2.4.3. Chipset: LM2596

2.4.4. Input Voltage: 4-35V

2.4.5. Adjustable Output Voltage: 1.25-30V

2.4.6. Output Current: At least 3A

2.5. Battery Indicator – 3S (ABC - PhP1,100.00)

2.5.1. Consumable technical supply

2.5.2. Quantity: At least ten pieces

2.5.3. Suitable for Lithium batteries

2.5.4. Suitable for 3S configuration

2.6. Relay Component - 12V 10A (ABC - PhP500.00)

2.6.1. Consumable technical supply

2.6.2. Quantity: At least ten pieces

2.6.3. 5pin SPDT Relay

2.6.4. Switching capacity: At least 10A

2.7. Ultrasonic Sensor (ABC - PhP600.00)

2.7.1. Consumable technical supply

2.7.2. Quantity: At least ten pieces

2.7.3. Power Supply :+5V DC

2.7.4. Quiescent Current : <2mA

2.7.5. Working Current: 15mA

2.7.6. Effective Angle: <15°

2.7.7. Ranging Distance: 2cm – 400 cm/1" - 13ft

2.7.8. Resolution: 0.3 cm

2.7.9. Measuring Angle: 30 degree

2.7.10. Trigger Input Pulse width: 10uS

2.8. Aluminium Profile - 2020, 9ft (ABC - PhP12,200.00)

2.8.1. Consumable technical supply

2.8.2. Quantity: At least ten pieces

2.8.3. Aluminum Extrusion Profile / T-Slot / V-Slot 20 x 20

2.8.4. Length: At least 9ft

2.9. Aluminium Profile - 2020, 550mm (ABC - PhP7,560.00)

2.9.1. Consumable technical supply

2.9.2. Quantity: At least eighteen pieces

2.9.3. Aluminum Extrusion Profile / T-Slot / V-Slot 20 x 20

2.9.4. Length: 550mm

2.10. Hot Melt Glue Stick – 11mm (ABC - PhP900.00)

2.10.1. Consumable technical supply

2.10.2. Quantity: At least two packs, 50pcs per pack

2.10.3. Material: EVA Tackified Resin

2.10.4. Size:11mm

2.10.5. Color: Transparent

2.11. T-Nut – M3 (ABC - PhP1,260.00)

2.11.1. Consumable technical supply

2.11.2. Quantity: At least seven packs, 30pcs per pack

2.11.3. Size: M3x10x6

2.11.4. Suitable for 2020 aluminum extrusion profile

2.12. T-Nut - M5 (ABC - PhP1,330.00)

2.12.1. Consumable technical supply

2.12.2. Quantity: At least seven packs, 30pcs per pack

2.12.3. Size: M5x10x6

2.12.4. Suitable for 2020 aluminum extrusion profile

2.13. Screw - M5, 8mm (ABC - PhP2,400.00)

2.13.1. Consumable technical supply

2.13.2. Quantity: At least twenty packs, 15pcs per pack

2.13.3. Size: M5x8mm

2.13.4. Item: hexagonal bevel screw

2.13.5. Material: stainless steel 304

2.13.6. Drive Head: hex head

2.14. Screw - M3, 8mm (ABC - PhP1,200.00)

2.14.1. Consumable technical supply

2.14.2. Quantity: At least ten packs, 30pcs per pack

2.14.3. Size: M3x8mm

2.14.4. Item: hexagonal bevel screw

2.14.5. Material: stainless steel 304

2.14.6. Drive Head: hex head

2.15. Screw - M3, 14mm (ABC - PhP1,500.00)

2.15.1. Consumable technical supply

2.15.2. Quantity: At least twelve packs, 25pcs per pack

2.15.3. Size: M3x14mm

2.15.4. Item: hexagonal bevel screw

2.15.5. Material: stainless steel 304

2.15.6. Drive Head: hex head

2.16. Screw - M3, 16mm (ABC - PhP1,800.00)

2.16.1. Consumable technical supply

2.16.2. Quantity: At least fifteen packs, 20pcs per pack

2.16.3. Size: M3x16mm

2.16.4. Item: hexagonal bevel screw

2.16.5. Material: stainless steel 304

2.16.6. Drive Head: hex head

2.17. Handheld Plastic Welding Gun (ABC - PhP750.00)

2.17.1. Technical tool

2.17.2. Quantity: At least one unit

2.17.3. Material: ABS

2.17.4. Input Current: 0.5A

2.17.5. Output Voltage: 0-50V

2.17.6. Output Current: 0-15A

2.17.7. Output Power: 0-50W

2.17.8. Overheat Protection

2.17.9. Packing List:

2.17.9.1. 1 \* Plastics Welding Machine

2.17.9.2. 50 \* Flat Staple

2.17.9.3. 50 \* Outside Corner Staple

2.17.9.4. 50 \* Inside Corner Staple

2.17.9.5. 50 \* Waves Staple

2.17.9.6. 1 \* English Instructions

2.18. Plastic Welder Hot Staples (ABC - PhP320.00)

2.18.1. Consumable technical supply

2.18.2. Quantity: At least two packs, 500pcs per pack

2.18.3. Diameter: 0.8mm  
 2.18.4. Shape: Wave Type  
 2.18.5. Color: silver  
 2.18.6. Material: metal

3. Warranty  
 3.1. Supplier warrants the item against defects in manufacturing and shipping and delivery issues.  
 3.2. Defective and incorrect items shall be replaced within seven (7) calendar days upon receipt of notice from the end-user or DOST-ASTI Property and Supply Section.  
 3.3. Warranty Period: At least six (6) months.

4. Payment and Delivery Terms  
 4.1. Price is inclusive of government taxes, delivery charges, etc.  
 4.2. Items must be delivered on or before 21 June 2024 to DOST-ASTI Extension Office, NEC-UP, Juinio Hall, corner Osmena Ave., Diliman, Quezon City.

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

**Php 61,300.00**

**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.*