



**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:	Apr-05-2024, 2:00 PM		
RFQ No.:	24-04-4734	Date:	April-01-2024
PR No.:	GAA-24-03-18933	Date:	March-25-2024

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>Embedded Carbon Dioxide Sensor</p> <p>1. GENERAL OVERVIEW</p> <p>1.1. DOST-ASTI is seeking qualified and competent bidders to supply and deliver four (4) pieces Embedded Carbon Dioxide Sensor, to be used as a sensor component to be integrated to the prototype.</p> <p>1.2. The Approved Budget for the Contract (ABC) is inclusive of government taxes and other charges.</p> <p>2. TECHNICAL SPECIFICATIONS</p> <p>2.1. Range: 0 – 10,000 ppm</p> <p>2.2. Calibration: Factory calibrated</p> <p>2.3. Pressure: Atmosphere only</p> <p>2.4. Response time: 1 reading per second ge: 0 ~ 1000ppm</p> <p>2.5. Resolution: 1 ppm (25)</p> <p>2.6. Accuracy: (+/- 5%) + (+/- 50 ppm)</p> <p>2.7. Connector: 5 lead data cable</p> <p>2.8. Warmup time: 10 seconds</p> <p>2.9. Cable length: 1 meter</p> <p>2.10. Data format: ASCII</p> <p>2.11. Operating voltage: 3.3V – 5V</p> <p>2.12. Life expectancy: ~5.5 years</p> <p>3. WARRANTY AND AFTER SALES SUPPORT</p>	4	pc	13500.00	54,000.00

	<p>3.1. Supplier warrants the items against defects in manufacturing and shipping and delivery issues.</p> <p>3.2. Defective or incorrect items shall be replaced 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>3.3. Must carry at least three (3) months warranty.</p> <p>4. PAYMENT AND DELIVERY TERMS</p> <p>4.1. The price of the bid must be inclusive of government taxes and other charges.</p> <p>4.2. Delivery of goods shall be made by the supplier within thirty (30) calendar days upon issuance of Notice to Proceed (NTP).</p> <p>4.3. Government terms. Payment upon complete delivery.</p>				
2	<p>20x4 LCD Display I2C</p> <p>1. GENERAL OVERVIEW</p> <p>1.1. DOST-ASTI is seeking qualified and competent bidders to supply and deliver five (5) pieces 20x4 LCD Display I2C, to be used as a component to be integrated to the prototype for a display module of prototype.</p> <p>1.2. The ABC is inclusive of government taxes and other charges.</p> <p>2. TECHNICAL SPECIFICATIONS</p> <p>2.1. Text Color: White</p> <p>2.2. Back Color: Blue Led Backlight</p> <p>2.3. Dimension: 98mm x 60mm x 20mm</p> <p>3. WARRANTY AND AFTER SALES SUPPORT</p> <p>3.1. Supplier warrants the items against defects in manufacturing and shipping and delivery issues.</p> <p>3.2. Defective or incorrect items shall be replaced 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>3.3. Must carry at least three (3) months warranty.</p> <p>4. PAYMENT AND DELIVERY TERMS</p> <p>4.1. The price of the bid must be inclusive of government taxes and other charges.</p> <p>4.2. Delivery of goods shall be made by the supplier within thirty (30) calendar days upon issuance of NTP.</p> <p>4.3. Government terms. Payment upon complete delivery.</p>	5	pc	380.00	1,900.00
3	<p>OLED 128x64 I2C</p> <p>1. GENERAL OVERVIEW</p> <p>1.1. DOST-ASTI is seeking qualified and competent bidders to supply and deliver five (5) pieces OLED 128x64 I2C, for display module of prototype.</p> <p>1.2. The ABC is inclusive of government taxes and other charges.</p> <p>2. TECHNICAL SPECIFICATIONS</p> <p>2.1. Diagonal Screen Size: 0.96"</p> <p>2.2. Communication: I2C</p>	5	pc	207.17	1,035.85

	<p>2.3. Number of Pixels: 128 × 64 2.4. Color Depth: Monochrome 2.5. Dimension: 27.8 x 27.3 x 4.3 mm 2.6. Working Voltage: 3.3~5V DC 2.7. Power: 0.06W Max</p> <p>3. WARRANTY AND AFTER SALES SUPPORT 3.1. Supplier warrants the items against defects in manufacturing and shipping and delivery issues. 3.2. Defective or incorrect items shall be replaced by the supplier within fifteen (15) calendar days upon receipt of notice from the end-user or DOST-ASTI Property and Supply Section. 3.3. Must carry at least three (3) months warranty.</p> <p>4. PAYMENT AND DELIVERY TERMS 4.1. The price of the bid must be inclusive of government taxes and other charges. 4.2. Delivery of goods shall be made by the supplier within thirty (30) calendar days upon issuance of NTP. 4.3. Government terms. Payment upon complete delivery.</p>				
4	<p>Single Board Microcontroller with WIFI</p> <p>1. GENERAL OVERVIEW 1.1. DOST-ASTI is seeking qualified and competent bidders to supply and deliver five (5) pieces Single Board Microcontroller with WIFI to be used as a microcontroller component to be integrated to the prototype. 1.2. The ABC is inclusive of government taxes and other charges.</p> <p>2. TECHNICAL SPECIFICATIONS 2.1. ATmega328P Microcontroller 14 x digital I/O pins (6 can be used as PWM outputs) 2.2. 6 x Analog inputs 2.3. 1 x USB 2.4. 1 x power jack 2.5. Operating voltage: 5 V 2.6. FLASH memory: 32 KB 2.7. Size: 68.6 x 53.4 mm 2.8. Bluetooth: Nina W102 uBlox module 2.9. Wi-Fi: Nina W102 uBlox module</p> <p>3. WARRANTY AND AFTER SALES SUPPORT 3.1. Supplier warrants the items against defects in manufacturing and shipping and delivery issues. 3.2. Defective or incorrect items shall be replaced by the supplier within fifteen (15) calendar days upon receipt of notice from the end-user or DOST-ASTI Property and Supply Section. 3.3. Must carry at least three (3) months warranty.</p> <p>4. PAYMENT AND DELIVERY TERMS 4.1. The price of the bid must be inclusive of government taxes and other charges. 4.2. Delivery of goods shall be made by the supplier within thirty (30) calendar days upon issuance of NTP. 4.3. Government terms. Payment upon complete delivery.</p>	5	pc	3980.00	19,900.00

5	<p>TCA9548A I2C 8-Ch Multiplexer Module</p> <p>1. GENERAL OVERVIEW</p> <p>1.1. DOST-ASTI is seeking qualified and competent bidders to supply and deliver ten (10) pieces of TCA9548A I2C 8-Ch Multiplexer Module, to be used as a prototyping tool used as a sensor module component to be integrated to the prototype</p> <p>1.2. The ABC is inclusive of government taxes and other charges.</p> <p>2. TECHNICAL SPECIFICATIONS</p> <p>2.1. 1 to 8 bi-directional I2C switches</p> <p>2.2. Allows level translation between individual buses</p> <p>2.3. I2C control interface</p> <p>2.4. 3.3 & 5V operation</p> <p>2.5. PACKAGE INCLUDES:</p> <p>2.5.1. TCA9548A Module</p> <p>2.5.2. Qty 2 – 12-pin male header strips</p> <p>3. WARRANTY AND AFTER SALES SUPPORT</p> <p>3.1. Supplier warrants the items against defects in manufacturing and shipping and delivery issues.</p> <p>3.2. Defective or incorrect items shall be replaced 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>3.3. Must carry at least three (3) months warranty.</p> <p>4. PAYMENT AND DELIVERY TERMS</p> <p>4.1. The price of the bid must be inclusive of government taxes and other charges.</p> <p>4.2. Delivery of goods shall be made by the supplier within thirty (30) calendar days upon issuance of NTP.</p> <p>4.3. Government terms. Payment upon complete delivery.</p>	10	pc	270.00	2,700.00
6	<p>RGB Matrix Shield for RGB LED Matrix</p> <p>1. GENERAL OVERVIEW</p> <p>1.1. DOST-ASTI is seeking qualified and competent bidders to supply and deliver five (5) pieces of RGB Matrix Shield for RGB LED Matrix, to be used as a RGB LED Matrix module component to be integrated to the prototype.</p> <p>1.2. The ABC is inclusive of government taxes and other charges.</p> <p>2. TECHNICAL SPECIFICATIONS</p> <p>2.1. Compatible for Arduino Uno/Mega</p> <p>2.2. 16 Digital pins</p> <p>2.3. 5V input Voltage</p> <p>3. WARRANTY AND AFTER SALES SUPPORT</p> <p>3.1. Supplier warrants the items against defects in manufacturing and shipping and delivery issues.</p> <p>3.2. Defective or incorrect items shall be replaced 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>3.3. Must carry at least three (3) months warranty.</p> <p>4. PAYMENT AND DELIVERY TERMS</p>	5	pc	500.00	2,500.00

	<p>4.1. The price of the bid must be inclusive of government taxes and other charges.</p> <p>4.2. Delivery of goods shall be made by the supplier within thirty (30) calendar days upon issuance of NTP.</p> <p>4.3. Government terms. Payment upon complete delivery.</p>				
7	<p>16 Relay Module</p> <p>1. GENERAL OVERVIEW</p> <p>1.1. DOST-ASTI is seeking qualified and competent bidders to supply and deliver five (5) pieces of 16 Relay Module, to be used as a programmable switch component for actuators to be integrated to the prototype.</p> <p>1.2. The ABC is inclusive of government taxes and other charges.</p> <p>2. TECHNICAL SPECIFICATIONS</p> <p>2.1. 16-channel relay</p> <p>2.2. Works well with both 3.3V and 5V logic</p> <p>2.3. Controls signals voltage active at TTL low state</p> <p>2.4. Compatible with Arduino Uno/Mega</p> <p>2.5. Drive current 20 mA max for each input</p> <p>3. WARRANTY AND AFTER SALES SUPPORT</p> <p>3.1. Supplier warrants the items against defects in manufacturing and shipping and delivery issues.</p> <p>3.2. Defective or incorrect items shall be replaced 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>3.3. Must carry at least three (3) months warranty.</p> <p>4. PAYMENT AND DELIVERY TERMS</p> <p>4.1. The price of the bid must be inclusive of government taxes and other charges.</p> <p>4.2. Delivery of goods shall be made by the supplier within thirty (30) calendar days upon issuance of NTP.</p> <p>4.3. Government terms. Payment upon complete delivery.</p>	5	pc	3460.00	17,300.00
8	<p>8 Relay Module</p> <p>1. GENERAL OVERVIEW</p> <p>1.1. DOST-ASTI is seeking qualified and competent bidders to supply and deliver ten (10) pieces 8 Relay Module, to be used as a programmable switch component for actuators to be integrated to the prototype.</p> <p>1.2. The ABC is inclusive of government taxes and other charges.</p> <p>2. TECHNICAL SPECIFICATIONS</p> <p>2.1. 8 channel relay</p> <p>2.2. Works well with both 3.3V and 5V logic</p> <p>2.3. Controls signals voltage active at TTL low state</p> <p>2.4. Compatible with Arduino Uno/Mega</p> <p>2.5. Drive current 20 mA max for each input</p> <p>3. WARRANTY AND AFTER SALES SUPPORT</p> <p>3.1. Supplier warrants the items against defects in manufacturing and shipping and delivery issues.</p>	10	pc	270.00	2,700.00

	<p>3.2. Defective or incorrect items shall be replaced 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>3.3. Must carry at least three (3) months warranty.</p> <p>4. PAYMENT AND DELIVERY TERMS</p> <p>4.1. The price of the bid must be inclusive of government taxes and other charges.</p> <p>4.2. Delivery of goods shall be made by the supplier within thirty (30) calendar days upon issuance of NTP.</p> <p>4.3. Government terms. Payment upon complete delivery.</p>				
9	<p>Sensor Shield V2</p> <p>1. GENERAL OVERVIEW</p> <p>1.1. DOST-ASTI is seeking qualified and competent bidders to supply and deliver five (5) pieces Sensor Shield V2, to be used as a sensor module component to be integrated to the prototype</p> <p>1.2. The ABC is inclusive of government taxes and other charges.</p> <p>2. TECHNICAL SPECIFICATIONS</p> <p>2.1. 3.3V - 5V input power</p> <p>2.2. Compatible with Arduino Mega</p> <p>3. WARRANTY AND AFTER SALES SUPPORT</p> <p>3.1. Supplier warrants the items against defects in manufacturing and shipping and delivery issues.</p> <p>3.2. Defective or incorrect items shall be replaced 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>3.3. Must carry at least three (3) months warranty.</p> <p>4. PAYMENT AND DELIVERY TERMS</p> <p>4.1. The price of the bid must be inclusive of government taxes and other charges.</p> <p>4.2. Delivery of goods shall be made by the supplier within thirty (30) calendar days upon issuance of NTP.</p> <p>4.3. Government terms. Payment upon complete delivery.</p>	5	pc	130.00	650.00
10	<p>Sensor Shield V2.4</p> <p>1. GENERAL OVERVIEW</p> <p>1.1. DOST-ASTI is seeking qualified and competent bidders to supply and deliver five (5) pieces of Sensor Shield V2.4, to be used as a sensor module component to be integrated to the prototype.</p> <p>1.2. The ABC is inclusive of government taxes and other charges.</p> <p>2. TECHNICAL SPECIFICATIONS</p> <p>2.1. Compatible with most Arduino shields</p> <p>2.2. Compatible with Arduino Mega</p> <p>2.3. Extended TTL connection pins for four Serial ports</p> <p>2.4. DIP prototyping area makes it easy to add more modules or electronic components</p> <p>2.5. Three (3) Xbee slots</p> <p>2.6. One (1) microSD slot</p>	5	pc	1400.00	7,000.00

	<p>2.7. Power switch between Arduino Mega or external</p> <p>2.8. Size: 125 x 57 mm</p> <p>3. WARRANTY AND AFTER SALES SUPPORT</p> <p>3.1. Supplier warrants the items against defects in manufacturing and shipping and delivery issues.</p> <p>3.2. Defective or incorrect items shall be replaced 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>3.3. Must carry at least three (3) months warranty.</p> <p>4. PAYMENT AND DELIVERY TERMS</p> <p>4.1. The price of the bid must be inclusive of government taxes and other charges.</p> <p>4.2. Delivery of goods shall be made by the supplier within thirty (30) calendar days upon issuance of NTP.</p> <p>4.3. Government terms. Payment upon complete delivery.</p>				
11	<p>RTD Temperature Circuit</p> <p>1. GENERAL OVERVIEW</p> <p>1.1. DOST-ASTI is seeking qualified and competent bidders to supply and deliver six (6) pcs RTD Temperature Circuit, to be used as a temperature module component to be integrated to the prototype</p> <p>1.2. The ABC is inclusive of government taxes and other charges.</p> <p>2. TECHNICAL SPECIFICATIONS</p> <p>2.1. Reads Temperature</p> <p>2.2. Range - 126.000 °C – 1254 °C</p> <p>2.3. Accuracy +/- (0.1 + 0.0017 x°C)</p> <p>2.4. Response time 1 reading per sec</p> <p>2.5. Calibration single point</p> <p>2.6. Temperature output °C, °K, or °F</p> <p>2.7. Data protocol UART & I2C</p> <p>2.8. Operating voltage 3.3V – 5.5V</p> <p>2.9. Data format ASCII</p> <p>2.10. Onboard Data Logger 50 Readings</p> <p>2.11. Circuit dimensions 13.97mm x 20.16mm (0.55" x 0.79")</p> <p>3. WARRANTY AND AFTER SALES SUPPORT</p> <p>3.1. Supplier warrants the items against defects in manufacturing and shipping and delivery issues.</p> <p>3.2. Defective or incorrect items shall be replaced 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>3.3. Must carry at least three (3) months warranty.</p> <p>4. PAYMENT AND DELIVERY TERMS</p> <p>4.1. The price of the bid must be inclusive of government taxes and other charges.</p> <p>4.2. Delivery of goods shall be made by the supplier within thirty (30) calendar days upon issuance of NTP.</p> <p>4.3. Government terms. Payment upon complete delivery.</p>	6	pc	2750.00	16,500.00
12	<p>Misting nozzle 0.2mm</p>	40	pc	117.50	4,700.00

	<p>1. GENERAL OVERVIEW</p> <p>1.1. DOST-ASTI is seeking qualified and competent bidders to supply and deliver forty (40) pieces of Misting Nozzle 0.2mm, to be used as a nozzle component to be integrated to the misting system of the prototype.</p> <p>1.2. The ABC is inclusive of government taxes and other charges.</p> <p>2. TECHNICAL SPECIFICATIONS</p> <p>2.1. Material: Brass/stainless</p> <p>2.2. Nozzle Orifice: 0.2mm</p> <p>2.3. Nozzle Connector: 6mm diameter</p> <p>3. WARRANTY AND AFTER SALES SUPPORT</p> <p>3.1. Supplier warrants the items against defects in manufacturing and shipping and delivery issues.</p> <p>3.2. Defective or incorrect items shall be replaced 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>3.3. Must carry at least three (3) months warranty.</p> <p>4. PAYMENT AND DELIVERY TERMS</p> <p>4.1. The price of the bid must be inclusive of government taxes and other charges.</p> <p>4.2. Delivery of goods shall be made by the supplier within thirty (30) calendar days upon issuance of NTP.</p> <p>4.3. Government terms. Payment upon complete delivery.</p>				
13	<p>Misting nozzle 0.4mm</p> <p>1. GENERAL OVERVIEW</p> <p>1.1. DOST-ASTI is seeking qualified and competent bidders to supply and deliver forty (40) pieces of Misting Nozzle 0.4mm, to be used as a nozzle component to be integrated to the misting system of the prototype.</p> <p>1.2. The ABC is inclusive of government taxes and other charges.</p> <p>2. TECHNICAL SPECIFICATIONS</p> <p>2.1. Material: Brass/stainless</p> <p>2.2. Nozzle Orifice: 0.4mm</p> <p>2.3. Nozzle Connector: 6mm diameter</p> <p>3. WARRANTY AND AFTER SALES SUPPORT</p> <p>3.1. Supplier warrants the items against defects in manufacturing and shipping and delivery issues.</p> <p>3.2. Defective or incorrect items shall be replaced 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>3.3. Must carry at least three (3) months warranty.</p> <p>4. PAYMENT AND DELIVERY TERMS</p> <p>4.1. The price of the bid must be inclusive of government taxes and other charges.</p> <p>4.2. Delivery of goods shall be made by the supplier within thirty (30) calendar days upon issuance of NTP.</p>	40	pc	117.50	4,700.00

	4.3. Government terms. Payment upon complete delivery.				
14	<p>Misting nozzle 0.6mm</p> <p>1. GENERAL OVERVIEW</p> <p>1.1. DOST-ASTI is seeking qualified and competent bidders to supply and deliver forty (40) pieces of Misting Nozzle 0.6mm, to be used as a nozzle component to be integrated to the misting system of the prototype.</p> <p>1.2. The ABC is inclusive of government taxes and other charges.</p> <p>2. TECHNICAL SPECIFICATIONS</p> <p>2.1. Material: Brass/stainless</p> <p>2.2. Nozzle Orifice: 0.4mm</p> <p>2.3. Nozzle Connector: 6mm diameter</p> <p>3. WARRANTY AND AFTER SALES SUPPORT</p> <p>3.1. Supplier warrants the items against defects in manufacturing and shipping and delivery issues.</p> <p>3.2. Defective or incorrect items shall be replaced 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>3.3. Must carry at least three (3) months warranty.</p> <p>4. PAYMENT AND DELIVERY TERMS</p> <p>4.1. The price of the bid must be inclusive of government taxes and other charges.</p> <p>4.2. Delivery of goods shall be made by the supplier within thirty (30) calendar days upon issuance of NTP.</p> <p>4.3. Government terms. Payment upon complete delivery.</p>	40	pc	117.50	4,700.00
15	<p>Pneumatic Fitting Pipe Connector (Tee-shape)</p> <p>1. GENERAL OVERVIEW</p> <p>1.1. DOST-ASTI is seeking qualified and competent bidders to supply and deliver forty (40) pieces of Pneumatic Fitting Pipe Connector (Tee-shape), to be used as a pipe connector component to be integrated to the misting system of the prototype.</p> <p>1.2. The ABC is inclusive of government taxes and other charges.</p> <p>2. TECHNICAL SPECIFICATIONS</p> <p>2.1. Tube Diameter: 6mm</p> <p>2.2. Type: Tee</p> <p>2.3. Connector Type: Push-to-connect configuration</p> <p>3. WARRANTY AND AFTER SALES SUPPORT</p> <p>3.1. Supplier warrants the items against defects in manufacturing and shipping and delivery issues.</p> <p>3.2. Defective or incorrect items shall be replaced 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>3.3. Must carry at least three (3) months warranty.</p> <p>4. PAYMENT AND DELIVERY TERMS</p> <p>4.1. The price of the bid must be inclusive of</p>	40	pc	175.00	7,000.00

	<p>government taxes and other charges.</p> <p>4.2. Delivery of goods shall be made by the supplier within thirty (30) calendar days upon issuance of NTP.</p> <p>4.3. Government terms. Payment upon complete delivery.</p>				
16	<p>Pneumatic Fitting Pipe Connector (elbow)</p> <p>1. GENERAL OVERVIEW</p> <p>1.1. DOST-ASTI is seeking qualified and competent bidders to supply and deliver forty (40) pieces of Pneumatic Fitting Pipe Connector (Elbow), to be used as a pipe connector component to be integrated to the misting system of the prototype.</p> <p>1.2. The ABC is inclusive of government taxes and other charges.</p> <p>2. TECHNICAL SPECIFICATIONS</p> <p>2.1. Tube Diameter: 6mm</p> <p>2.2. Type: Elbow</p> <p>2.3. Connector Type: Push-to-connect configuration</p> <p>3. WARRANTY AND AFTER SALES SUPPORT</p> <p>3.1. Supplier warrants the items against defects in manufacturing and shipping and delivery issues.</p> <p>3.2. Defective or incorrect items shall be replaced 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>3.3. Must carry at least three (3) months warranty.</p> <p>4. PAYMENT AND DELIVERY TERMS</p> <p>4.1. The price of the bid must be inclusive of government taxes and other charges.</p> <p>4.2. Delivery of goods shall be made by the supplier within thirty (30) calendar days upon issuance of NTP.</p> <p>4.3. Government terms. Payment upon complete delivery.</p>	40	pc	162.50	6,500.00
17	<p>Submersible Water Pump 5000L</p> <p>1. GENERAL OVERVIEW</p> <p>1.1. DOST-ASTI is seeking qualified and competent bidders to supply and delivery of three (3) pieces of Submersible Water Pump 5000L, to be used as a water pump component to be integrated to the prototype.</p> <p>1.2. The ABC is inclusive of government taxes and other charges.</p> <p>2. TECHNICAL SPECIFICATIONS</p> <p>2.1. Voltage: 220-240v</p> <p>2.2. Frequency: 50/60Hz</p> <p>2.3. Watt: 34 W</p> <p>2.4. F. Max: 5000L/hour</p> <p>2.5. H. Max: 4M</p> <p>2.6. Chord Length: 2.5M (at least)</p> <p>3. WARRANTY AND AFTER SALES SUPPORT</p> <p>3.1. Supplier warrants the items against defects in manufacturing and shipping and delivery issues.</p> <p>3.2. Defective or incorrect items shall be replaced by the supplier within fifteen (15) calendar days upon</p>	3	pc	2266.66	6,799.98

	<p>receipt of notice from the end-user or DOST-ASTI Property and Supply Section.</p> <p>3.3. Must carry at least three (3) months warranty.</p> <p>4. PAYMENT AND DELIVERY TERMS</p> <p>4.1. The price of the bid must be inclusive of government taxes and other charges.</p> <p>4.2. Delivery of goods shall be made by the supplier within thirty (30) calendar days upon issuance of NTP.</p> <p>4.3. Government terms. Payment upon complete delivery.</p>				
18	<p>Submersible Water Pump 6000L</p> <p>1. GENERAL OVERVIEW</p> <p>1.1. DOST-ASTI is seeking qualified and competent bidders to supply and deliver three (3) pcs of Submersible Water Pump 6000L, to be used as a component to be integrated to the prototype.</p> <p>1.2. The ABC is inclusive of government taxes and other charges.</p> <p>2. TECHNICAL SPECIFICATIONS</p> <p>2.1. Voltage: 220-240v</p> <p>2.2. Frequency: 50/60Hz</p> <p>2.3. Watt: 100 W</p> <p>2.4. F.Max: 6000L/hour</p> <p>2.5. H.Max: 4M</p> <p>2.6. Size: 19.1 x 11.9 x 12.9 cm (L x W x H)</p> <p>3. WARRANTY AND AFTER SALES SUPPORT</p> <p>3.1. Supplier warrants the items against defects in manufacturing and shipping and delivery issues.</p> <p>3.2. Defective or incorrect items shall be replaced 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>3.3. Must carry at least three (3) months warranty.</p> <p>4. PAYMENT AND DELIVERY TERMS</p> <p>4.1. The price of the bid must be inclusive of government taxes and other charges.</p> <p>4.2. Delivery of goods shall be made by the supplier within thirty (30) calendar days upon issuance of NTP.</p> <p>4.3. Government terms. Payment upon complete delivery.</p>	3	pc	3611.67	10,835.01
19	<p>Isolator module</p> <p>1. GENERAL OVERVIEW</p> <p>1.1. DOST-ASTI is seeking qualified and competent bidders to supply and deliver six (6) pcs of Isolator Module, to be used as a component to be integrated to the prototype. This is to eliminate electrical noise interference.</p> <p>1.2. The ABC is inclusive of government taxes and other charges.</p> <p>2. TECHNICAL SPECIFICATIONS</p> <p>2.1. Output voltage: 3.9V</p> <p>2.2. Voltage input: 3.0V – 5.0V</p> <p>2.3. Current consumption: 5V – 15 mA / 3.3V – 20 mA</p> <p>2.4. Circuit dimensions: 14mm x 25.5mm (0.5" x 1")</p>	6	pc	2033.33	12,199.98

3. WARRANTY AND AFTER SALES SUPPORT

- 3.1. Supplier warrants the items against defects in manufacturing and shipping and delivery issues.
- 3.2. Defective or incorrect items shall be replaced by the supplier within fifteen (15) calendar days upon receipt of notice from the end-user or DOST-ASTI Property and Supply Section.
- 3.3. Must carry at least three (3) months warranty.

4. PAYMENT AND DELIVERY TERMS

- 4.1. The price of the bid must be inclusive of government taxes and other charges.
- 4.2. Delivery of goods shall be made by the supplier within thirty (30) calendar days upon issuance of NTP.
- 4.3. Government terms. Payment upon complete delivery.

TOTAL APPROVED BUDGET FOR THE CONTRACT (ABC):

Php 183,620.82

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.*