



**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-26-2022, 2:00 PM		
<b>RFQ No.:</b>	22-04-3808	<b>Date:</b>	April-21-2022
<b>PR No.:</b>	GAA-22-04-13563	<b>Date:</b>	April-13-2022

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>4ftx8ftx8mm Acrylic Plastic Sheet for Prototyping</b></p> <p>1. GENERAL OVERVIEW</p> <p>1.1 The Advanced Science and Technology Institute is seeking qualified and competent bidders to supply and delivery of eight (8) units Acrylic Plastic Sheet for use in the development and prototyping of a growing platform chassis, specifically the acrylic plastic sheet will be used as the main material/wall frames of the chassis of the platform.</p> <p>1.2 The technical specification indicated herein are minimum requirement, unless otherwise specified</p> <p>2. TECHNICAL SPECIFICATIONS</p> <p>2.1 Material: Acrylic Glass</p> <p>2.2 Color: Clear/Transparent</p> <p>2.3 Dimensions: 4 feet by 8 feet</p> <p>2.4 Thickness: 8mm</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 and incorrect items shall be replaced</p> <p>3.3 Warranty Period should be 1 year; warranty on Parts and Labor with Premier Support</p>	8	unit	10450.00	83,600.00

	<p>4. PAYMENT AND DELIVERY TERMS</p> <p>4.1 The Price of bid must be inclusive of government taxes and additional fees.</p> <p>4.2 Government terms, payment upon complete delivery</p> <p>4.3 Delivery of goods shall be made by the supplier within thirty (30) calendar days upon issuance of Notice to Proceed</p> <p>4.4 The unit must be brand new and unused.</p>				
2	<p><b>4ftx8ftx6mm Acrylic Plastic Sheet for Prototyping</b></p> <p>1. GENERAL OVERVIEW</p> <p>1.1 The Advanced Science and Technology Institute is seeking qualified and competent bidders to supply and delivery of eight (8) units Acrylic Plastic Sheet for use in the development and prototyping of a growing platform chassis, specifically the acrylic plastic sheet will be used as the main material/wall frames of the chassis of the platform.</p> <p>1.2 The technical specification indicated herein are minimum requirement, unless otherwise specified</p> <p>2. TECHNICAL SPECIFICATIONS</p> <p>2.1 Material: Acrylic Glass</p> <p>2.2 Color: Clear/Transparent</p> <p>2.3 Dimensions: 4 feet by 8 feet</p> <p>2.4 Thickness: 6mm</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 and incorrect items shall be replaced</p> <p>3.3 Warranty Period should be 1 year; warranty on Parts and Labor with Premier Support</p> <p>4. PAYMENT AND DELIVERY TERMS</p> <p>4.1 The Price of bid must be inclusive of government taxes and additional fees.</p> <p>4.2 Government terms, payment upon complete delivery</p> <p>4.3 Delivery of goods shall be made by the supplier within thirty (30) calendar days upon issuance of Notice to Proceed</p> <p>4.4 The unit must be brand new and unused.</p>	8	unit	8000.00	64,000.00
3	<p><b>Acrylic Glue Bonding Solution for Prototyping</b></p> <p>1. GENERAL OVERVIEW</p> <p>1.1 The Advanced Science and Technology Institute is seeking qualified and competent bidders to supply and delivery of five (5) units Acrylic Glue Bonding Solution for Acrylic Plastic Sheet for use in the development and prototyping of a growing platform chassis, specifically the adhesive glue will be used in joining the joineries of the 3D printed chassis.</p> <p>1.2 The technical specification indicated herein are minimum requirement, unless otherwise specified</p> <p>2. TECHNICAL SPECIFICATIONS</p> <p>2.1 Bonding agent for materials like thermoplastic substrate, acrylic plastic</p> <p>2.2 Size: 1 Liter</p>	5	unit	740.00	3,700.00

	<p>2.3 With solvent applicatorWith solvent applicator</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 and incorrect items shall be replaced</p> <p>3.3 Warranty Period should be 1 year; warranty on Parts and Labor with Premier Support</p> <p>4. PAYMENT AND DELIVERY TERMS</p> <p>4.1 The Price of bid must be inclusive of government taxes and additional fees.</p> <p>4.2 Government terms, payment upon complete delivery</p> <p>4.3 Delivery of goods shall be made by the supplier within thirty (30) calendar days upon issuance of Notice to Proceed</p> <p>4.4 The unit must be brand new and unused.</p>				
4	<p><b>Acrylic Glue Bonding Solution Applicator Kit for Prototyping</b></p> <p>1. GENERAL OVERVIEW</p> <p>1.1 The Advanced Science and Technology Institute is seeking qualified and competent bidders to supply and delivery of five (5) units Acrylic Glue Bonding Solution Applicator Kit for use in the development and prototyping of a growing platform chassis, specifically the applicator kit will be used to contain the acrylic bonding solution in joining the joineries of thee 3D printed chassis.</p> <p>1.2 The technical specification indicated herein are minimum requirement, unless otherwise specified</p> <p>2. TECHNICAL SPECIFICATIONS</p> <p>2.1 Material: Plastic Material: Plastic</p> <p>2.2 Size: 125 mL</p> <p>2.3 Color: Translucent</p> <p>2.4 Inclusive of 2x125ml bottles, gloves and needles for the accurate dispensing of AB1 &amp; AB3 acrylic bonding adhesives</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 and incorrect items shall be replaced</p> <p>3.3 Warranty Period should be 1 year; warranty on Parts and Labor with Premier Support</p> <p>4. PAYMENT AND DELIVERY TERMS</p> <p>4.1 The Price of bid must be inclusive of government taxes and additional fees.</p> <p>4.2 Government terms, payment upon complete delivery</p> <p>4.3 Delivery of goods shall be made by the supplier within thirty (30) calendar days upon issuance of Notice to Proceed</p> <p>4.4 The unit must be brand new and unused.</p>	5	unit	720.00	3,600.00
5	<p><b>Polyvinyl Chloride (PVC) Pipes for Prototyping</b></p> <p>1. GENERAL OVERVIEW</p> <p>1.1 The Advanced Science and Technology Institute is</p>	20	pc	88.00	1,760.00

	<p>seeking qualified and competent bidders to supply and delivery of twenty (20) pcs Polyvinyl Chloride (PVC) Pipes for component parts of development of the Gul.ai prototyping</p> <p>1.2 The technical specification indicated herein are minimum requirement, unless otherwise specified</p> <p>2. TECHNICAL SPECIFICATIONS</p> <p>2.1 Type: Schedule 40 Pipe</p> <p>2.2 Opening Diameter Size: 1/2 inch</p> <p>2.3 Length: 10 feet</p> <p>2.4 Material: PVC</p> <p>2.5 Max Pressure: atleast 780 PSI</p> <p>2.6 End Type: Plain-end pipe</p> <p>2.7 Color: Blue/Black/White/Transparent</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 and incorrect items shall be replaced</p> <p>3.3 Warranty Period should be 1 year; warranty on Parts and Labor with Premier Support</p> <p>4. PAYMENT AND DELIVERY TERMS</p> <p>4.1 The Price of bid must be inclusive of government taxes and additional fees.</p> <p>4.2 Government terms, payment upon complete delivery</p> <p>4.3 Delivery of goods shall be made by the supplier within thirty (30) calendar days upon issuance of Notice to Proceed</p> <p>4.4 The unit must be brand new and unused.</p>				
6	<p><b>Schedule 40 90 Degrees Elbow PVC Fitting/Socket for Prototyping</b></p> <p>1.1 The Advanced Science and Technology Institute is seeking qualified and competent bidders to supply and delivery of forty (40) pcs Schedule 40 90 Degrees Elbow PVC Fitting /Socket for component parts of development of the Gul.ai prototyping</p> <p>1.2 The technical specification indicated herein are minimum requirement, unless otherwise specified</p> <p>2. TECHNICAL SPECIFICATIONS</p> <p>2.1 Fitting Direction: 90°</p> <p>2.2 Fitting Type: Elbow</p> <p>2.3 Pipe Material: uPVC</p> <p>2.4 Opening Diameter Size: 1/2 inch</p> <p>2.5 Schedule: 40</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 and incorrect items shall be replaced</p> <p>3.3 Warranty Period should be 1 year; warranty on Parts and Labor with Premier Support</p> <p>4. PAYMENT AND DELIVERY TERMS</p> <p>4.1 The Price of bid must be inclusive of government taxes and additional fees.</p> <p>4.2 Government terms, payment upon complete</p>	40	pc	392.00	15,680.00

	<p>delivery</p> <p>4.3 Delivery of goods shall be made by the supplier within thirty (30) calendar days upon issuance of Notice to Proceed</p> <p>4.4 The unit must be brand new and unused.</p>				
7	<p><b>Schedule 40 Cross PVC Fitting/Socket for Prototyping</b></p> <p>1. GENERAL OVERVIEW</p> <p>1.1 The Advanced Science and Technology Institute is seeking qualified and competent bidders to supply and delivery of forty (40) pcs. Schedule 40 Cross PVC Fitting/Socket for component parts of development of the Gul.ai prototyping</p> <p>1.2 The technical specification indicated herein are minimum requirement, unless otherwise specified</p> <p>2. TECHNICAL SPECIFICATIONS</p> <p>2.1 Fitting Type: Cross</p> <p>2.2 Pipe Material: uPVC</p> <p>2.3 Opening Diameter Size: 1/2 inch</p> <p>2.4 Schedule: 40</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 and incorrect items shall be replaced</p> <p>3.3 Warranty Period should be 1 year; warranty on Parts and Labor with Premier Support</p> <p>4. PAYMENT AND DELIVERY TERMS</p> <p>4.1 The Price of bid must be inclusive of government taxes and additional fees.</p> <p>4.2 Government terms, payment upon complete delivery</p> <p>4.3 Delivery of goods shall be made by the supplier within thirty (30) calendar days upon issuance of Notice to Proceed</p> <p>4.4 The unit must be brand new and unused.</p>	40	pc	77.00	3,080.00
8	<p><b>Schedule 40 Tee PVC Fitting/Socket for Prototyping</b></p> <p>1. GENERAL OVERVIEW</p> <p>1.1 The Advanced Science and Technology Institute is seeking qualified and competent bidders to supply and delivery of forty (40) pcs Schedule 40 Tee PVC fitting/Socket for component parts of development of the Gul.ai prototyping</p> <p>1.2 The technical specification indicated herein are minimum requirement, unless otherwise specified</p> <p>2. TECHNICAL SPECIFICATIONS</p> <p>2.1 Fitting Type: Tee</p> <p>2.2 Pipe Material: uPVC</p> <p>2.3 Opening Diameter Size: 1/2 inch</p> <p>2.4 Schedule: 40</p> <p>2.5 Material: PVC</p> <p>2.6 Note: Compatibility with a Schedule 40 1/2 inch opening diameter PVC pipe</p> <p>3. WARRANTY AND AFTER SALES SUPPORT</p> <p>3.1 Supplier warrants the items against defects in</p>	40	pc	392.00	15,680.00

	<p>manufacturing and shipping and delivery issues</p> <p>3.2 Defective and incorrect items shall be replaced</p> <p>3.3 Warranty Period should be 1 year; warranty on Parts and Labor with Premier Support</p> <p>4. PAYMENT AND DELIVERY TERMS</p> <p>4.1 The Price of bid must be inclusive of government taxes and additional fees.</p> <p>4.2 Government terms, payment upon complete delivery</p> <p>4.3 Delivery of goods shall be made by the supplier within thirty (30) calendar days upon issuance of Notice to Proceed</p> <p>4.4 The unit must be brand new and unused.</p>				
9	<p><b>P-Trap PVC Pipe Fitting for Prototyping</b></p> <p>1. GENERAL OVERVIEW</p> <p>1.1 The Advanced Science and Technology Institute is seeking qualified and competent bidders to supply and delivery of ten (10) pcs P-Trap PVC Pipe Fitting for component parts of development of the Gul.ai prototyping</p> <p>1.2 The technical specification indicated herein are minimum requirement, unless otherwise specified</p> <p>2. TECHNICAL SPECIFICATIONS</p> <p>2.1 Fitting Type: P-Trap</p> <p>2.2 Compatible Pipe Size 1: 40mm</p> <p>2.3 Compatible Pipe Size 2: 40mm</p> <p>2.4 Colour: White/Blue</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 and incorrect items shall be replaced</p> <p>3.3 Warranty Period should be 1 year; warranty on Parts and Labor with Premier Support</p> <p>4. PAYMENT AND DELIVERY TERMS</p> <p>4.1 The Price of bid must be inclusive of government taxes and additional fees.</p> <p>4.2 Government terms, payment upon complete delivery</p> <p>4.3 Delivery of goods shall be made by the supplier within thirty (30) calendar days upon issuance of Notice to Proceed</p> <p>4.4 The unit must be brand new and unused.</p>	10	pc	570.00	5,700.00
10	<p><b>Two-inch Bucket Lid for Prototyping</b></p> <p>1. GENERAL OVERVIEW</p> <p>1.1 The Advanced Science and Technology Institute is seeking qualified and competent bidders to supply and delivery of three (3) set/pack Two-inches Bucket Lid for component parts of development of the Gul.ai prototyping</p> <p>1.2 The technical specification indicated herein are minimum requirement, unless otherwise specified</p> <p>2. TECHNICAL SPECIFICATIONS</p> <p>2.1 Material: Plastic</p> <p>2.2 Opening Diameter: 2 inches</p>	3	pack	1045.00	3,135.00

	<p>2.3 Color: Black  2.4 Quantity: 100 pieces per pack  2.5 Durable plastic net pots  2.6 Notes: Suitable for hydroponics, aeroponics, aquaponics and provides good air flow and irrigating properties</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 and incorrect items shall be replaced  3.3 Warranty Period should be 1 year; warranty on Parts and Labor with Premier Support</p> <p>4. PAYMENT AND DELIVERY TERMS  4.1 The Price of bid must be inclusive of government taxes and additional fees.  4.2 Government terms, payment upon complete delivery  4.3 Delivery of goods shall be made by the supplier within thirty (30) calendar days upon issuance of Notice to Proceed  4.4 The unit must be brand new and unused.</p>				
11	<p><b>Four-inch Bucket Lid for Prototyping</b></p> <p>1. GENERAL OVERVIEW  1.1 The Advanced Science and Technology Institute is seeking qualified and competent bidders to supply and delivery of three (3) set/pack Four inches Bucket Lid for component parts of development of the Gul.ai prototyping  1.2 The technical specification indicated herein are minimum requirement, unless otherwise specified</p> <p>2. TECHNICAL SPECIFICATIONS  2.1 Material: Plastic  2.2 Opening Diameter: 4 inches  2.3 Color: Black  2.4 Quantity: 48 pieces per pack  2.5 Durable plastic net pots  2.6 Notes: Suitable for hydroponics, aeroponics, aquaponics and provides good air flow and irrigating properties</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 and incorrect items shall be replaced  3.3 Warranty Period should be 1 year; warranty on Parts and Labor with Premier Support</p> <p>4. PAYMENT AND DELIVERY TERMS  4.1 The Price of bid must be inclusive of government taxes and additional fees.  4.2 Government terms, payment upon complete delivery  4.3 Delivery of goods shall be made by the supplier within thirty (30) calendar days upon issuance of Notice to Proceed  4.4 The unit must be brand new and unused.</p>	3	pack	2090.00	6,270.00

12	<p><b>Six-inch Bucket Lid for Prototyping</b></p> <p>1. GENERAL OVERVIEW</p> <p>1.1 The Advanced Science and Technology Institute is seeking qualified and competent bidders to supply and delivery of six (6) set/pack Six-inches Bucket Lid for component parts of development of the Gul.ai prototyping</p> <p>1.2 The technical specification indicated herein are minimum requirement, unless otherwise specified</p> <p>2. TECHNICAL SPECIFICATIONS</p> <p>2.1 Dimension: atleast 6 inches (top) x 4.5 inches (bottom) x 4.5 inches (height)</p> <p>2.2 Color: Black</p> <p>2.3 Quantity: 100 Pieces per set/pack</p> <p>2.4 Notes: Suitable for hydroponics, aeroponics, aquaponics and provides good air flow and irrigating properties</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 and incorrect items shall be replaced</p> <p>3.3 Warranty Period should be 1 year; warranty on Parts and Labor with Premier Support</p> <p>4. PAYMENT AND DELIVERY TERMS</p> <p>4.1 The Price of bid must be inclusive of government taxes and additional fees.</p> <p>4.2 Government terms, payment upon complete delivery</p> <p>4.3 Delivery of goods shall be made by the supplier within thirty (30) calendar days upon issuance of Notice to Proceed</p> <p>4.4 The unit must be brand new and unused.</p>	3	pack	1430.00	4,290.00
13	<p><b>USB C Power Adapter for Prototyping</b></p> <p>1. GENERAL OVERVIEW</p> <p>1.1 The Advanced Science and Technology Institute is seeking qualified and competent bidders to supply and delivery of ten (10) pcs USB C Power Adapter for Raspberry Pi 4 as a power source.</p> <p>1.2 The technical specification indicated herein are minimum requirement, unless otherwise specified</p> <p>2. TECHNICAL SPECIFICATIONS</p> <p>2.1 Input Voltage: 90-264V</p> <p>2.2 Output Voltage: 5.1 V</p> <p>2.3 Output Current: 3A</p> <p>2.4 Input Connector: Socket</p> <p>2.6 Output Connector: USB Type C</p> <p>2.7 Power Rating: 15.3W</p> <p>2.8 Type: Power Supply</p> <p>2.9 Number of Outputs: 1</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 and incorrect items shall be replaced</p> <p>3.3 Warranty Period should be 1 year; warranty on Parts and Labor with Premier Support</p> <p>4. PAYMENT AND DELIVERY TERMS</p>	10	pc	616.00	6,160.00



	<p>4.1 The Price of bid must be inclusive of government taxes and additional fees.</p> <p>4.2 Government terms, payment upon complete delivery</p> <p>4.3 Delivery of goods shall be made by the supplier within thirty (30) calendar days upon issuance of Notice to Proceed</p> <p>4.4 The unit must be brand new and unused.</p>				
14	<p><b>4"x6" Presensitized PCB for Prototyping</b></p> <p>1. GENERAL OVERVIEW</p> <p>1.1 The Advanced Science and Technology Institute is seeking qualified and competent bidders to supply and delivery of ten (10) units of 4"x6" Presensitized PCB for fast and easy development of printed circuits</p> <p>1.2 The technical specification indicated herein are minimum requirement, unless otherwise specified</p> <p>2. TECHNICAL SPECIFICATIONS</p> <p>2.1 Dimensions: 4 inches by 6 inches</p> <p>2.2 Thickness: 1.6 mm</p> <p>2.3 Postive (+) Acting: YES</p> <p>2.4 Material: Plastic board coated with highly sensitive photoresist film</p> <p>2.5 Single-sided: YES</p> <p>2.6 Developer: YES</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 and incorrect items shall be replaced</p> <p>3.3 Warranty Period should be 1 year; warranty on Parts and Labor with Premier Support</p> <p>4. PAYMENT AND DELIVERY TERMS</p> <p>4.1 The Price of bid must be inclusive of government taxes and additional fees.</p> <p>4.2 Government terms, payment upon complete delivery</p> <p>4.3 Delivery of goods shall be made by the supplier within thirty (30) calendar days upon issuance of Notice to Proceed</p> <p>4.4 The unit must be brand new and unused.</p>	10	unit	225.00	2,250.00
15	<p><b>6"x10" Presensitized PCB for Prototyping</b></p> <p>1. GENERAL OVERVIEW</p> <p>1.1 The Advanced Science and Technology Institute is seeking qualified and competent bidders to supply and delivery of ten (10) units 6"x10" Presensitized PCB for fast and easy development of printed circuits</p> <p>1.2 The technical specification indicated herein are minimum requirement, unless otherwise specified</p> <p>2. TECHNICAL SPECIFICATIONS</p> <p>2.1 Dimensions: 6 inches by 10 inches</p> <p>2.2 Thickness: 1.6 mm</p> <p>2.3 Postive (+) Acting: YES</p> <p>2.4 Material: Plastic board coated with highly sensitive photoresist film</p> <p>2.5 Single-sided: YES</p> <p>2.6 Developer: YES</p>	10	unit	400.00	4,000.00

	<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 and incorrect items shall be replaced</p> <p>3.3 Warranty Period should be 1 year; warranty on Parts and Labor with Premier Support</p> <p>4. PAYMENT AND DELIVERY TERMS</p> <p>4.1 The Price of bid must be inclusive of government taxes and additional fees.</p> <p>4.2 Government terms, payment upon complete delivery</p> <p>4.3 Delivery of goods shall be made by the supplier within thirty (30) calendar days upon issuance of Notice to Proceed</p> <p>4.4 The unit must be brand new and unused.</p>				
16	<p><b>Multi-variable Power Supply for Prototyping</b></p> <p>1. GENERAL OVERVIEW</p> <p>1.1 The Advanced Science and Technology Institute is seeking qualified and competent bidders to supply and delivery of two (2) units Multi-variable Power Supply for providing programmable or multi-variable power and current requirement of the electronics component.</p> <p>1.2 The technical specification indicated herein are minimum requirement, unless otherwise specified</p> <p>2. TECHNICAL SPECIFICATIONS</p> <p>2.1 Voltage Range: 0-60V</p> <p>2.2 Current Range: 0-5A</p> <p>2.3 Complete programmable</p> <p>2.4 Industrial grade, with load for a long time</p> <p>2.5 Encoder-controlled fine &amp; coarse adjustment</p> <p>2.6 Intelligent temperature-controlled fan</p> <p>2.7 Compact design</p> <p>2.8 Constant current &amp; constant voltage</p> <p>2.9 Current pre-set</p> <p>2.10 4-digital display</p> <p>2.11 10mV / 1mA high accuracy and resolution</p> <p>2.12 Low noise and ripple</p> <p>2.13 Knob Lock function to avoid improper operation</p> <p>2.14 Interfaces: USB and RS232</p> <p>2.15 Input Voltage: 230 V (<math>\pm 10\%</math>)</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 and incorrect items shall be replaced</p> <p>3.3 Warranty Period should be 1 year; warranty on Parts and Labor with Premier Support</p> <p>4. PAYMENT AND DELIVERY TERMS</p> <p>4.1 The Price of bid must be inclusive of government taxes and additional fees.</p> <p>4.2 Government terms, payment upon complete delivery</p> <p>4.3 Delivery of goods shall be made by the supplier within thirty (30) calendar days upon issuance of Notice to Proceed</p> <p>4.4 The unit must be brand new and unused.</p>	2	unit	37150.00	74,300.00

17	<p><b>Jigsaw with Variable Speed Cutting Tool/Machine for Prototyping</b></p> <p>1. GENERAL OVERVIEW</p> <p>1.1 The Advanced Science and Technology Institute is seeking qualified and competent bidders to supply and delivery of one (1) unit of Jigsaw with Variable Speed Cutting Tool/Machine for cutting the acrylic plastic sheet, will be used as the main material/wall frames of the chassis of the platform.</p> <p>1.2 The technical specification indicated herein are minimum requirement, unless otherwise specified</p> <p>2. TECHNICAL SPECIFICATIONS</p> <p>2.1 Material: Metal-coated rubber with plastic</p> <p>2.2 Power Input: 600 Watts</p> <p>2.3 No Load Speed: 500-3000rpm</p> <p>2.4 Speed Setting: 6</p> <p>2.5 Stroke Length: 19mm</p> <p>2.6 Bevel Cutting: Adjustable from 0 to 45 degree</p> <p>2.7 Pendulum Action: 4-Stage</p> <p>2.8 With Lock-on Switch</p> <p>2.9 Keyless or tool-free for easy blade change</p> <p>2.10 Inclusion: Main unit and blade</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 and incorrect items shall be replaced</p> <p>3.3 Warranty Period should be 1 year; warranty on Parts and Labor with Premier Support</p> <p>4. PAYMENT AND DELIVERY TERMS</p> <p>4.1 The Price of bid must be inclusive of government taxes and additional fees.</p> <p>4.2 Government terms, payment upon complete delivery</p> <p>4.3 Delivery of goods shall be made by the supplier within thirty (30) calendar days upon issuance of Notice to Proceed</p> <p>4.4 The unit must be brand new and unused.</p>	1	unit	6000.00	6,000.00
18	<p><b>Twenty-one (21) Teeth Blade Set for Jigsaw Tool/Machine for Prototyping</b></p> <p>1. GENERAL OVERVIEW</p> <p>1.1 The Advanced Science and Technology Institute is seeking qualified and competent bidders to supply and delivery of one (1) set of twenty-one (21) teeth blade set for jigsaw tool/machine for replacement blade compatible for jigsaw cutting tool, will be used in cutting the acrylic glass as the main material/wall frames of the chassis of the platform.</p> <p>1.2 The technical specification indicated herein are minimum requirement, unless otherwise specified</p> <p>2. TECHNICAL SPECIFICATIONS</p> <p>2.1 Saw Blade Type: Jigsaw Blade</p> <p>2.2 Application: Metal</p> <p>2.3 Cutting Length: 50mm</p> <p>2.4 Number of Teeth per Inch: 21</p> <p>2.5 Tooth Pitch: 1.2mm</p> <p>2.6 Number in Pack: 5</p>	1	set	250.00	250.00

	<p>2.7 Blade Material: HSS</p> <p>2.8 Conforms to ANSI/ESD S20.20:2014 and BS EN 61340-5-1:2007 Electrostatic Control Standards</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 and incorrect items shall be replaced</p> <p>3.3 Warranty Period should be 1 year; warranty on Parts and Labor with Premier Support</p> <p>4. PAYMENT AND DELIVERY TERMS</p> <p>4.1 The Price of bid must be inclusive of government taxes and additional fees.</p> <p>4.2 Government terms, payment upon complete delivery</p> <p>4.3 Delivery of goods shall be made by the supplier within thirty (30) calendar days upon issuance of Notice to Proceed</p> <p>4.4 The unit must be brand new and unused.</p>				
19	<p><b>Vise Grip Plier for Prototyping</b></p> <p>1. GENERAL OVERVIEW</p> <p>1.1 The Advanced Science and Technology Institute is seeking qualified and competent bidders to supply and delivery of four (4) unit of vise grip plier to be used to clamp things in place especially when cutting acrylic plastic sheet or pipes.</p> <p>1.2 The technical specification indicated herein are minimum requirement, unless otherwise specified</p> <p>2. TECHNICAL SPECIFICATIONS</p> <p>2.1 Material: Chrome Vanadium Steel</p> <p>2.2 Plier Type: Locking Pliers</p> <p>2.3 Overall Length: 254mm</p> <p>2.4 Serrrated Jaw: YES</p> <p>2.5 Quick Release trigger: YES</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 and incorrect items shall be replaced</p> <p>3.3 Warranty Period should be 1 year; warranty on Parts and Labor with Premier Support</p> <p>4. PAYMENT AND DELIVERY TERMS</p> <p>4.1 The Price of bid must be inclusive of government taxes and additional fees.</p> <p>4.2 Government terms, payment upon complete delivery</p> <p>4.3 Delivery of goods shall be made by the supplier within thirty (30) calendar days upon issuance of Notice to Proceed</p> <p>4.4 The unit must be brand new and unused.</p>	4	unit	300.00	1,200.00
20	<p><b>Screw Clamp for Protoyping</b></p> <p>1. GENERAL OVERVIEW</p> <p>1.1 The Advanced Science and Technology Institute is seeking qualified and competent bidders to supply and delivery of six (6) units of Screw Clamp to be used to clamp things in place especially when cutting acrylic</p>	6	unit	583.33	3,499.98

	<p>plastic sheet or pipes.</p> <p>1.2 The technical specification indicated herein are minimum requirement, unless otherwise specified</p> <p>2. TECHNICAL SPECIFICATIONS</p> <p>2.1 Type: F Clamp</p> <p>2.2 Jaw Opening: 500mm</p> <p>2.3 Jaw Depth: 120mm</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 and incorrect items shall be replaced</p> <p>3.3 Warranty Period should be 1 year; warranty on Parts and Labor with Premier Support</p> <p>4. PAYMENT AND DELIVERY TERMS</p> <p>4.1 The Price of bid must be inclusive of government taxes and additional fees.</p> <p>4.2 Government terms, payment upon complete delivery</p> <p>4.3 Delivery of goods shall be made by the supplier within thirty (30) calendar days upon issuance of Notice to Proceed</p> <p>4.4 The unit must be brand new and unused.</p>				
21	<p><b>Level Bar for Prototyping</b></p> <p>1. GENERAL OVERVIEW</p> <p>1.1 The Advanced Science and Technology Institute is seeking qualified and competent bidders to supply and delivery of two (2) units of level bar to be used to in deterrmining whether the surface of the acrylic plastic sheet version of the chassis is horizontal (level) or vertical (plumb).</p> <p>1.2 The technical specification indicated herein are minimum requirement, unless otherwise specified</p> <p>2. TECHNICAL SPECIFICATIONS</p> <p>2.1 Level Type: I-Beam</p> <p>2.2 Length: 600mm</p> <p>2.3 Frame Material: Aluminium</p> <p>2.4 Number of Vials: 3</p> <p>2.5 Accuracy: 0.5 mm/m</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 and incorrect items shall be replaced</p> <p>3.3 Warranty Period should be 1 year; warranty on Parts and Labor with Premier Support</p> <p>4. PAYMENT AND DELIVERY TERMS</p> <p>4.1 The Price of bid must be inclusive of government taxes and additional fees.</p> <p>4.2 Government terms, payment upon complete delivery</p> <p>4.3 Delivery of goods shall be made by the supplier within thirty (30) calendar days upon issuance of Notice to Proceed</p> <p>4.4 The unit must be brand new and unused.</p>	2	unit	1150.00	2,300.00

22	<p><b>Drill bit set for Prototyping</b></p> <p>1. GENERAL OVERVIEW</p> <p>1.1 The Advanced Science and Technology Institute is seeking qualified and competent bidders to supply and delivery of one (1) set of Drill bit set for drilling holes and is compatible with common power tools.</p> <p>1.2 The technical specification indicated herein are minimum requirement, unless otherwise specified</p> <p>2. TECHNICAL SPECIFICATIONS</p> <p>2.1 Set Type: Twist Drill Set</p> <p>2.2 Drill Bit Type: Twist Drill Bit</p> <p>2.3 Minimum Size: 1/16in</p> <p>2.4 Maximum Size: 1/2in</p> <p>2.5 Drilling Application: Metal</p> <p>2.6 Material: HSS-G</p> <p>2.7 Number of Pieces: 29</p> <p>2.8 Set Contents: HSS Drill Bits</p> <p>2.9 Notes: Compatibility with common power tools</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 and incorrect items shall be replaced</p> <p>3.3 Warranty Period should be 1 year; warranty on Parts and Labor with Premier Support</p> <p>4. PAYMENT AND DELIVERY TERMS</p> <p>4.1 The Price of bid must be inclusive of government taxes and additional fees.</p> <p>4.2 Government terms, payment upon complete delivery</p> <p>4.3 Delivery of goods shall be made by the supplier within thirty (30) calendar days upon issuance of Notice to Proceed</p> <p>4.4 The unit must be brand new and unused.</p>	1	set	8500.00	8,500.00
23	<p><b>Fullspectrum Growlight for Prototyping</b></p> <p>1. GENERAL OVERVIEW</p> <p>1.1 The Advanced Science and Technology Institute is seeking qualified and competent bidders to supply and delivery of thirty (30) units Fullspectrum Growlight for the artificial growing light for prototyping.</p> <p>1.2 The technical specification indicated herein are minimum requirement, unless otherwise specified</p> <p>2. TECHNICAL SPECIFICATIONS</p> <p>2.1 Width: 12.5mm (0.5") wide</p> <p>2.2 Thickness: 4mm (0.16") thick with casing on</p> <p>2.3 Number of LEDs: 60 LEDs per meter</p> <p>2.4 Weight of 1 meter (w/ silicone jacket and 6" leads): 39g</p> <p>2.5 Removable IP67 weatherproof casing</p> <p>2.6 Maximum 5V @ 60mA draw per 0.65" strip segment (all lights on full brightness)</p> <p>2.7 5VDC power requirement (do not exceed 6VDC) – no polarity protection</p> <p>2.8 1 integrated RGB's per segment, individually controllable</p> <p>2.9 LED wavelengths: 630nm/530nm/475nm</p>	30	unit	550.00	16,500.00

	<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 and incorrect items shall be replaced</p> <p>3.3 Warranty Period should be 1 year; warranty on Parts and Labor with Premier Support</p> <p>4. PAYMENT AND DELIVERY TERMS</p> <p>4.1 The Price of bid must be inclusive of government taxes and additional fees.</p> <p>4.2 Government terms, payment upon complete delivery</p> <p>4.3 Delivery of goods shall be made by the supplier within thirty (30) calendar days upon issuance of Notice to Proceed</p> <p>4.4 The unit must be brand new and unused.</p>				
24	<p><b>Screw and Bolt Set for Prototyping</b></p> <p>1. GENERAL OVERVIEW</p> <p>1.1 The Advanced Science and Technology Institute is seeking qualified and competent bidders to supply and delivery of one (1) set of Screw and Bolt Set for Prototyping for securing and locking sensors and panels into place.</p> <p>1.2 The technical specification indicated herein are minimum requirement, unless otherwise specified</p> <p>2. TECHNICAL SPECIFICATIONS</p> <p>2.1 Number of Pieces: 3168</p> <p>2.2 Screw/Bolt Type: Machine Screw</p> <p>2.3 Head Shape: Flat, Pan</p> <p>2.4 Drive Type: Pozidriv</p> <p>2.5 Screw/Bolts Lengths: 6 → 25mm</p> <p>2.6 Thread Size: M2, M2.5, M3, M4, M5, M6</p> <p>2.7 Material: Stainless Steel</p> <p>2.8 Finish: Plain</p> <p>2.9 Screw/Bolt Length: 6mm -25mm</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 and incorrect items shall be replaced</p> <p>3.3 Warranty Period should be 1 year; warranty on Parts and Labor with Premier Support</p> <p>4. PAYMENT AND DELIVERY TERMS</p> <p>4.1 The Price of bid must be inclusive of government taxes and additional fees.</p> <p>4.2 Government terms, payment upon complete delivery</p> <p>4.3 Delivery of goods shall be made by the supplier within thirty (30) calendar days upon issuance of Notice to Proceed</p> <p>4.4 The unit must be brand new and unused.</p>	1	set	6000.00	6,000.00
25	<p><b>Measuring Tape for Prototyping</b></p> <p>1. GENERAL OVERVIEW</p> <p>1.1 The Advanced Science and Technology Institute is seeking qualified and competent bidders to supply and delivery of two (2) units of Measuring Tape for Prototyping to measure the dimensions of a certain</p>	2	unit	900.00	1,800.00

	<p>area.</p> <p>1.2 The technical specification indicated herein are minimum requirement, unless otherwise specified</p> <p>2. TECHNICAL SPECIFICATIONS</p> <p>2.1 Length: 8m</p> <p>2.2 Blade Width: 25 mm</p> <p>2.3 Imperial or Metric: Imperial, Metric</p> <p>2.4 Series: Tylon</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 and incorrect items shall be replaced</p> <p>3.3 Warranty Period should be 1 year; warranty on Parts and Labor with Premier Support</p> <p>4. PAYMENT AND DELIVERY TERMS</p> <p>4.1 The Price of bid must be inclusive of government taxes and additional fees.</p> <p>4.2 Government terms, payment upon complete delivery</p> <p>4.3 Delivery of goods shall be made by the supplier within thirty (30) calendar days upon issuance of Notice to Proceed</p> <p>4.4 The unit must be brand new and unused.</p>				
26	<p><b>Impact Power Drill for Prototyping</b></p> <p>1. GENERAL OVERVIEW</p> <p>1.1 The Advanced Science and Technology Institute is seeking qualified and competent bidders to supply and delivery of one (1) unit of Impact Power Drill for Prototyping to drill and drive holes to a certain area of the chassis.</p> <p>1.2 The technical specification indicated herein are minimum requirement, unless otherwise specified</p> <p>2. TECHNICAL SPECIFICATIONS</p> <p>2.1 Drill Type: Impact Drill</p> <p>2.2 Voltage Rating: 240V, 701W</p> <p>2.3 Corded/Cordless: Corded</p> <p>2.4 Chuck Size: 1.5 → 13mm</p> <p>2.5 Chuck Type: Keyless</p> <p>2.6 Speed: 2600rpm</p> <p>2.7 Drilling Capacity Metal: 13 mm</p> <p>2.8 Drilling Capacity Wood: 30 mm</p> <p>2.9 Drilling Capacity Masonry: 18 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 and incorrect items shall be replaced</p> <p>3.3 Warranty Period should be 1 year; warranty on Parts and Labor with Premier Support</p> <p>4. PAYMENT AND DELIVERY TERMS</p> <p>4.1 The Price of bid must be inclusive of government taxes and additional fees.</p> <p>4.2 Government terms, payment upon complete delivery</p> <p>4.3 Delivery of goods shall be made by the supplier</p>	1	unit	14000.00	14,000.00



	<p>within thirty (30) calendar days upon issuance of Notice to Proceed</p> <p>4.4 The unit must be brand new and unused.</p>				
27	<p><b>Screwdriver Set for Prototyping</b></p> <p>1. GENERAL OVERVIEW</p> <p>1.1 The Advanced Science and Technology Institute is seeking qualified and competent bidders to supply and delivery of one (1) set of Screwdriver Set for Prototyping used for turning screws.</p> <p>1.2 The technical specification indicated herein are minimum requirement, unless otherwise specified</p> <p>2. TECHNICAL SPECIFICATIONS</p> <p>2.1 Screwdriver Type: Precision</p> <p>2.2 Number of Pieces: 11</p> <p>2.3 Tip Type: Slotted' and Phillips</p> <p>2.4 Slotted Tip Size: 1' 1.2' 1.4' 1.8' 2.4' 3 mm'</p> <p>2.5 Phillips Tip Size: PH0' PH1' PH2' PH3' PH4</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 and incorrect items shall be replaced</p> <p>3.3 Warranty Period should be 1 year; warranty on Parts and Labor with Premier Support</p> <p>4. PAYMENT AND DELIVERY TERMS</p> <p>4.1 The Price of bid must be inclusive of government taxes and additional fees.</p> <p>4.2 Government terms, payment upon complete delivery</p> <p>4.3 Delivery of goods shall be made by the supplier within thirty (30) calendar days upon issuance of Notice to Proceed</p> <p>4.4 The unit must be brand new and unused.</p>	1	set	1000.00	1,000.00
28	<p><b>General-Purpose Full-Face Protection Shield for Prototyping</b></p> <p>1. GENERAL OVERVIEW</p> <p>1.1 The Advanced Science and Technology Institute is seeking qualified and competent bidders to supply and delivery of three (3) units of General-Purpose Full-Face Protection Shield for Prototyping to provide safety and high level of protection for the wearer during hazardous work.</p> <p>1.2 The technical specification indicated herein are minimum requirement, unless otherwise specified</p> <p>2. TECHNICAL SPECIFICATIONS</p> <p>2.1 Body Material: Plastic</p> <p>2.2 Guard Type: Brow</p> <p>2.3 Shield Material: Nylon, PC</p> <p>2.4 Lens Colour: Clear</p> <p>2.5 EN166 Standard Compliant: YES (acelate 2F, polycarbonate 2B)</p> <p>2.6 Directive 89/686/EEC for protective eye care: YES</p> <p>2.7 Protection Coverage: Full-face Visor</p> <p>3. WARRANTY AND AFTER SALES SUPPORT</p> <p>3.1 Supplier warrants the items against defects in</p>	3	unit	666.66	1,999.98

	<p>manufacturing and shipping and delivery issues</p> <p>3.2 Defective and incorrect items shall be replaced</p> <p>3.3 Warranty Period should be 1 year; warranty on Parts and Labor with Premier Support</p> <p>4. PAYMENT AND DELIVERY TERMS</p> <p>4.1 The Price of bid must be inclusive of government taxes and additional fees.</p> <p>4.2 Government terms, payment upon complete delivery</p> <p>4.3 Delivery of goods shall be made by the supplier within thirty (30) calendar days upon issuance of Notice to Proceed</p> <p>4.4 The unit must be brand new and unused.</p>				
29	<p><b>General Purpose Protective Working Gloves for Prototyping</b></p> <p>1. GENERAL OVERVIEW</p> <p>1.1 The Advanced Science and Technology Institute is seeking qualified and competent bidders to supply and delivery of three (3) units of General Purpose Protective Working Gloves for Prototyping to provide safety and high level of protection for the wearer during hazardous work.</p> <p>1.2 The technical specification indicated herein are minimum requirement, unless otherwise specified</p> <p>2. TECHNICAL SPECIFICATIONS</p> <p>2.1 Glove Material: Neoprene, Spandex</p> <p>2.2 Glove Coating: Neoprene, Synthetic Leather</p> <p>2.3 Number of Gloves: 2 (Pair)</p> <p>2.4 EN 388 Certified: Yes</p> <p>2.5 EN388 Blade: 1</p> <p>2.6 EN388 Abrasion: 4</p> <p>2.7 EN388 Tear: 4</p> <p>2.8 EN388 Puncture: 1</p> <p>2.9 Hand Size: Medium to Large</p> <p>3.0 Other Features:</p> <p>3.1 Velcro adjusting wrist</p> <p>3.2 3 fingerless design for dexterity</p> <p>3.3 Terry wipe pad</p> <p>3.4 Rubber grip palm</p> <p>3.5 Wire pad</p> <p>4. WARRANTY AND AFTER SALES SUPPORT</p> <p>4.1 Supplier warrants the items against defects in manufacturing and shipping and delivery issues</p> <p>4.2 Defective and incorrect items shall be replaced</p> <p>4.3 Warranty Period should be 1 year; warranty on Parts and Labor with Premier Support</p> <p>5. PAYMENT AND DELIVERY TERMS</p> <p>5.1 The Price of bid must be inclusive of government taxes and additional fees.</p> <p>5.2 Government terms, payment upon complete delivery</p> <p>5.3 Delivery of goods shall be made by the supplier within thirty (30) calendar days upon issuance of Notice to Proceed</p> <p>5.4 The unit must be brand new and unused.</p>	3	unit	733.33	2,199.99

30	<p><b>Turbidity Sensor for Prototyping</b></p> <p>1. GENERAL OVERVIEW</p> <p>1.1 The Advanced Science and Technology Institute is seeking qualified and competent bidders to supply and delivery of ten (10) units of Turbidity Sensor for Prototyping to measures the amount of transmitted light to determine the turbidity of the wash water.</p> <p>1.2 The technical specification indicated herein are minimum requirement, unless otherwise specified</p> <p>2. TECHNICAL SPECIFICATIONS</p> <p>2.1 Operating Voltage: 5V DC</p> <p>2.2 Operating Current: 40mA (MAX)</p> <p>2.3 Response Time: &lt;500ms</p> <p>2.4 Insulation Resistance: 100M (Min)</p> <p>2.5 Output Method:Analog</p> <p>2.6 Analog output: 0-4.5V</p> <p>2.7 Digital Output: High/Low level signal (you can adjust the threshold value by adjusting the potentiometer)</p> <p>2.8 Operating Temperature: 5°C~90 °C</p> <p>2.9 Storage Temperature: -10°C~90°C</p> <p>3.0 Weight: 30g</p> <p>3.1 Adapter Dimensions: 38mm*28mm*10mm/1.5inches *1.1inches*0.4inches</p> <p>4. WARRANTY AND AFTER SALES SUPPORT</p> <p>4.1 Supplier warrants the items against defects in manufacturing and shipping and delivery issues</p> <p>4.2 Defective and incorrect items shall be replaced</p> <p>4.3 Warranty Period should be 1 year; warranty on Parts and Labor with Premier Support</p> <p>5. PAYMENT AND DELIVERY TERMS</p> <p>5.1 The Price of bid must be inclusive of government taxes and additional fees.</p> <p>5.2 Government terms, payment upon complete delivery</p> <p>5.3 Delivery of goods shall be made by the supplier within thirty (30) calendar days upon issuance of Notice to Proceed</p> <p>5.4 The unit must be brand new and unused.</p>	10	unit	825.00	8,250.00
31	<p><b>Mobile devices for mobile application testing for OS version: Android 11.0 Pie or higher</b></p> <p>1. GENERAL OVERVIEW</p> <p>1.1 The Advanced Science and Technology Institute is seeking qualified and competent bidders to supply and delivery of one (1) unit Mobile devices for mobile application testing for OS version</p> <p>1.2 The technical specification indicated herein are minimum requirement, unless otherwise specified</p> <p>2. TECHNICAL SPECIFICATIONS</p> <p>2.1 OS version:ColorOS 11.1 based on Android 11 or higher</p> <p>2.2 Sim: Nano-SIM card/Nano-USIM card</p> <p>2.3 CPU: Qualcomm® Snapdragon™ 765G or equivalent, 8 cores with a maximum frequency of 2.4 GHZ</p> <p>2.4 GPU: Adreno™ 620 @625MHz or equivalent</p>	1	unit	14999.00	14,999.00

	<p>2.5 Storage: 128GB  2.6 RAM: 8 GB RAM  2.7 Battery: DC 7.74V 2100mAh/16.25Wh(Min)  2.8 Screen Size: 6.4"(16.33 cm)  2.9 Screen resolution: 2400 x 1080 (FHD+)  3.0 Network: GSM / HSPA / LTE / 5G  3.1 Main Camera: 64MP Main Camera: f/1.7; FOV 80°; closed-loop focus motor  3.2 8MP Ultra Wide-angle Camera: f/2.2; FOV 119°  3.3 2MP Macro Camera: f/2.4; FOV 89°  3.4 2MP Mono Camera: f/2.4; FOV 89°  3.5 Front camera: 32MP (f/2.4); FOV 85°  3.6 Dimensions:about 159.1mm x about 73.4mm x about 7.9mm  3.7 Weight: Approx. 172g  3.8 Color: Preferably Black</p> <p>4. WARRANTY AND AFTER SALES SUPPORT  4.1 Supplier warrants the items against defects in manufacturing and shipping and delivery issues  4.2 Defective and incorrect items shall be replaced  4.3 Warranty Period should be 1 year; warranty on Parts and Labor with Premier Support</p> <p>5. PAYMENT AND DELIVERY TERMS  5.1 The Price of bid must be inclusive of government taxes and additional fees.  5.2 Government terms, payment upon complete delivery  5.3 Delivery of goods shall be made by the supplier within thirty (30) calendar days upon issuance of Notice to Proceed  5.4 The unit must be brand new and unused.</p>				
32	<p><b>Dissolved Oxygen Sensor for Prototyping</b>  1. GENERAL OVERVIEW  1.1 The Advanced Science and Technology Institute is seeking qualified and competent bidders to supply and delivery of five (5) units Dissolved Oxygen Sensor for Prototyping to measure the amount of oxygen that is in dissolved water, by unit volume.  1.2 The technical specification indicated herein are minimum requirement, unless otherwise specified</p> <p>2. TECHNICAL SPECIFICATIONS  2.1 Dissolved Oxygen Probe  2.1.1 Type: Galvanic Probe  2.1.2 Detection Range: 0~20mg/L  2.1.3 Response Time: Up to 98% full response, within 90 seconds (25°C)  2.1.4 Pressure Range: 0~50PSI  2.1.5 Electrode Service Life: 1 year (normal use)  2.1.6 Cable Length: 2 meters  2.1.7 Probe Connector: BNC  2.2 Signal Converter Board  2.2.1 Operating Voltage: 3.3~5.5V  2.2.2 Output Signal: 0~3.0V  2.2.3 Cable Connector: BNC  2.2.4 Signal Connector: Gravity Analog Interface (PH2.0-3P)  2.2.5 Dimension: 42mm * 32mm</p>	5	unit	13750.00	68,750.00

3. WARRANTY AND AFTER SALES SUPPORT  
3.1 Supplier warrants the items against defects in manufacturing and shipping and delivery issues  
3.2 Defective and incorrect items shall be replaced  
3.3 Warranty Period should be 1 year; warranty on Parts and Labor with Premier Support

4. PAYMENT AND DELIVERY TERMS  
4.1 The Price of bid must be inclusive of government taxes and additional fees.  
4.2 Government terms, payment upon complete delivery  
4.3 Delivery of goods shall be made by the supplier within thirty (30) calendar days upon issuance of Notice to Proceed  
4.4 The unit must be brand new and unused.

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

**Php 454,453.95**

### **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.*