



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

Kind of Procurement Activity:	Negotiated Procurement: Small-value Procurement		
Deadline of Submission of Bids:	Nov-24-2021, 2:00 PM		
RFQ No.:	21-11-3682	Date:	November-19-2021
PR No.:	GAA-21-11-12878	Date:	November-16-2021

The Department of Science and Technology (DOST) - Advanced Science and Technology Institute (ASTI), through its Bids and Awards Committee (BAC), intends to procure the item/s listed below. As such, suppliers, contractors, or distributors are invited to submit their quotation/s duly signed by authorized representative. Prospective bidder/s who will submit a proposal with the single/lowest calculated and responsive quotation shall be selected. Guidelines on the format and eligibility documents are listed at the box below the item/s to be procured.

Quotations may be sent via **a)** electronic mail at bac-sec@asti.dost.gov.ph, **b)** fax message, or **c)** delivering documents to the BAC Secretariat. For further inquiries, you may contact +63 2 249-8500 local 1206/1212 or +63 2 426-7423.

Thank you.

Respectfully,

GERWIN P. GUBA
BAC Chairman

NO.	TECHNICAL SPECIFICATIONS	QTY	UNIT	UNIT PRICE(Php)	TOTAL PRICE(Php)
1	<p>3 IN 1 MINI WELDING MACHINE MIG TIG ARC 300A</p> <p>1.0. GENERAL OVERVIEW</p> <p>1.1. The Advanced Science and Technology Institute (ASTI) is seeking qualified and competent bidders for the supply and delivery of one (1) set of 3 in 1 Welding Machine Inverter MIG/TIG/MMA.</p> <p>1.2. The approved budget for the contract is inclusive of all applicable government taxes and services charges.</p> <p>1.3. The technical specifications written herein are of minimum requirements, unless otherwise stated.</p> <p>1.4. The procurement of this item will be used in research and development, maintenance/repair, and prototyping of stations.</p> <p>2.0. TECHNICAL SPECIFICATIONS</p> <p>2.1. Voltage / Frequency : 220V /60Hz (Single Phase)</p> <p>2.2. Power : approximately 11300 Watts</p> <p>2.3. Electrode Diameter : 2.0 - 4.0mm</p> <p>2.4. Wire Diameter : 0.6 - 1.0mm</p> <p>2.5. Amperage Range : 50 - 300A</p> <p>2.6. No Load Voltage : 62 V</p> <p>2.7. Gross Weight : <= 6.8 kg</p> <p>2.8. Box Dimension : 41 x 22 x 34 cm ± 0.5 cm</p>	1	set	9550.00	9,550.00

<p>3.0. ACCESSORIES</p> <p>3.1. One (1) piece of Welding holder with cable</p> <p>3.2. One (1) piece of Ground clamp with cable</p> <p>3.3. One (1) piece of Mig torch assembly</p> <p>3.4. One (1) piece of Tig torch assembly</p> <p>4.0. WARRANTY</p> <p>4.1. The item must be shipped with 30-calendar day return for advanced replacement on DOA parts and components, and a one (1)-year limited warranty that covers defects in materials and workmanship. Warranty service shall commence from the date of end-user acceptance.</p> <p>4.2 Warranty obligation: Five percent (5%).</p> <p>5.0. DELIVERY and PAYMENT TERMS</p> <p>5.1. Upon issuance of Notice to Proceed (NTP), the item must be delivered on or before December 29, 2021.</p> <p>5.2. Full payment will only be given once the item was completely delivered, inspected, and accepted by the End User. No payment shall be made for the supplies and materials not yet delivered under this contract.</p> <p>5.3. The price of the bid must be inclusive of government taxes and other fees.</p>				
<p>2 WELDING ROD SPECIAL 6013</p> <p>1.0. GENERAL OVERVIEW</p> <p>1.1. The Advanced Science and Technology Institute (ASTI) is seeking qualified and competent bidders for the supply and delivery of 10 sets of Welding Rods.</p> <p>1.2. The approved budget for the contract is inclusive of all applicable government taxes and services charges.</p> <p>1.3. The technical specifications written herein are of minimum requirements, unless otherwise stated.</p> <p>1.4. The procurement of these items will be used in maintenance/repair and prototyping of stations.</p> <p>2.0. TECHNICAL SPECIFICATIONS</p> <p>2.1. AWS Specification: AWS A5.1 E6013</p> <p>2.2. JIS Specification: D4313</p> <p>2.3. Other Specification: DIN E4342R(C)3</p> <p>2.4. Yield Point N/mm2 (KSI): 430 (62)</p> <p>2.5. Tensile Strength N/mm2 (KSI): 480 (70)</p> <p>2.6. Elongation: 28%</p> <p>2.7. Impact Value °C, J (°F, Ft-Lbs): 0°, 65 (32°, 48)</p> <p>2.8. Diameter (mm): 3.2</p> <p>2.9. Length (mm): 350</p> <p>2.10. Current Amp: 90 - 130</p> <p>2.11. Gross Weight: Approximately one (1) kilogram per set</p> <p>2.12. Must be compatible to item # 1</p> <p>3.0. DELIVERY and PAYMENT TERMS</p> <p>3.1. Upon issuance of Notice to Proceed (NTP), the items must be delivered on or before December 29, 2021.</p>	10	set	299.00	2,990.00

	<p>3.2. Full payment will only be given once the items were completely delivered, inspected, and accepted by the End User. No payment shall be made for the supplies and materials not yet delivered under this contract.</p> <p>3.3. The price of the bid must be inclusive of government taxes and other fees.</p>				
3	<p>0.8 MM MIG WELD ROD 10KG</p> <p>1.0. GENERAL OVERVIEW</p> <p>1.1. The Advanced Science and Technology Institute (ASTI) is seeking qualified and competent bidders for the supply and delivery of 10 pieces of MIG Welding Rod.</p> <p>1.2. The approved budget for the contract is inclusive of all applicable government taxes and services charges.</p> <p>1.3. The technical specifications written herein are of minimum requirements, unless otherwise stated.</p> <p>1.4. The procurement of these items will be used in maintenance/repair and prototyping of stations.</p> <p>2.0. TECHNICAL SPECIFICATIONS</p> <p>2.1. Rod diameter: 0.8mm</p> <p>2.2. Melting point: 450°C</p> <p>2.3. Weight: One (1) kilogram</p> <p>2.4. Material: Carbon Steel</p> <p>2.5. Spool diameter: 100mm</p> <p>2.6. Dimension: 105x50x105mm</p> <p>2.7. Must be compatible to item # 1</p> <p>3.0. DELIVERY and PAYMENT TERMS</p> <p>3.1. Upon issuance of Notice to Proceed (NTP), the items must be delivered on or before December 29, 2021.</p> <p>3.2. Full payment will only be given once the items were completely delivered, inspected, and accepted by the End User. No payment shall be made for the supplies and materials not yet delivered under this contract.</p> <p>3.3. The price of the bid must be inclusive of government taxes and other fees.</p>	10	pc	1170.00	11,700.00
4	<p>0.9 MM MIG WELD ROD 10KG</p> <p>1.0. GENERAL OVERVIEW</p> <p>1.1. The Advanced Science and Technology Institute (ASTI) is seeking qualified and competent bidders for the supply and delivery of 10 pieces of MIG welding rod</p> <p>1.2. The approved budget for the contract is inclusive of all applicable government taxes and services charges.</p> <p>1.3. The technical specifications written herein are of minimum requirements, unless otherwise stated.</p> <p>1.4 The procurement of these items will be used in research and development, maintenance/repair and prototyping of stations.</p> <p>2.0. TECHNICAL SPECIFICATIONS</p> <p>2.1. Diameter: 1.0mm</p> <p>2.2. Melting point: 450°C</p>	10	pc	880.00	8,800.00

	<p>2.3. Weight: One (1) kilogram 2.4. Material: Carbon Steel 2.5. Must be compatible to item # 1</p> <p>3.0. DELIVERY and PAYMENT TERMS 3.1. Upon issuance of Notice to Proceed (NTP), the items must be delivered on or before December 29, 2021. 3.2. Full payment will only be given once the items were completely delivered, inspected, and accepted by the End User. No payment shall be made for the supplies and materials not yet delivered under this contract. 3.3. The price of the bid must be inclusive of government taxes and other fees.</p>				
5	<p>WELDING GLOVES</p> <p>1.0. GENERAL OVERVIEW 1.1. The Advanced Science and Technology Institute (ASTI) is seeking qualified and competent bidders for the supply and delivery of two (2) sets of Welding Gloves. 1.2. The approved budget for the contract is inclusive of all applicable government taxes and services charges. 1.3. The technical specifications written herein are of minimum requirements, unless otherwise stated. 1.4 The procurement of these items will be used in maintenance/repair and prototyping of stations.</p> <p>2.0. TECHNICAL SPECIFICATIONS 2.1. Glove Length: 12.625 inch 2.2. Glove Material: Cowhide 2.3. Heat Resistant 2.4. Kevlar Stitched 2.5. Knuckle Strap Protected 2.6. Lining Material: Cotton 2.7. OSHA Compliant</p> <p>3.0. DELIVERY and PAYMENT TERMS 3.1. Upon issuance of Notice to Proceed (NTP), the items must be delivered on or before December 29, 2021. 3.2. Full payment will only be given once the items were completely delivered, inspected, and accepted by the End User. No payment shall be made for the supplies and materials not yet delivered under this contract. 3.3. The price of the bid must be inclusive of government taxes and other fees.</p>	2	set	737.00	1,474.00
6	<p>ELECTRICAL TAPE</p> <p>1.0. GENERAL OVERVIEW 1.1. The Advanced Science and Technology Institute (ASTI) is seeking qualified and competent bidders for the supply and delivery of 50 pieces of Electrical Tapes. 1.2. The approved budget for the contract is inclusive of all applicable government taxes and services charges. 1.3. The technical specifications written herein are of</p>	50	pc	50.00	2,500.00

	<p>minimum requirements, unless otherwise stated.</p> <p>1.4 The procurement of these items will be used in maintenance/repair and prototyping of stations.</p> <p>2.0. TECHNICAL SPECIFICATIONS</p> <p>2.1. Adhesive Type: Rubber</p> <p>2.2. Elongation at Break: 250 Percent</p> <p>2.3. Insulation Resistance: > 10⁶ megohms</p> <p>2.4. Maximum Operating Temperature (Celsius): 105 Degree Celsius</p> <p>2.5. Overall Length (Metric): 20 Meter</p> <p>2.6. Overall Width (Metric): 19 mm</p> <p>2.7. Color: Black</p> <p>2.8. Shelf Life: Five (5) years</p> <p>2.9. Tape Grade: Professional</p> <p>2.10. Tensile Strength (metric): 26 N/10mm</p> <p>2.11. Total Tape Thickness without Liner (metric): 0.178 mm</p> <p>2.12. Voltage Rating: 600 V</p> <p>3.0. DELIVERY and PAYMENT TERMS</p> <p>3.1. Upon issuance of Notice to Proceed (NTP), the items must be delivered on or before December 29, 2021.</p> <p>3.2. Full payment will only be given once the items were completely delivered, inspected, and accepted by the End User. No payment shall be made for the supplies and materials not yet delivered under this contract.</p> <p>3.3. The price of the bid must be inclusive of government taxes and other fees.</p>				
7	<p>SOLDERING LEAD</p> <p>1.0. GENERAL OVERVIEW</p> <p>1.1. The Advanced Science and Technology Institute (ASTI) is seeking qualified and competent bidders for the supply and delivery of two (2) pieces of Soldering Lead.</p> <p>1.2. The approved budget for the contract is inclusive of all applicable government taxes and services charges.</p> <p>1.3. The technical specifications written herein are of minimum requirements, unless otherwise stated.</p> <p>1.4 The procurement of these items will be used in maintenance/repair and prototyping of stations.</p> <p>2.0. TECHNICAL SPECIFICATIONS</p> <p>2.1. 1.27mm Wire Diameter</p> <p>2.2. 40% Lead</p> <p>2.3. Wire form</p> <p>2.4. 183°C melting point</p> <p>2.5. 60% Tin</p> <p>2.6. Rosin based flux</p> <p>2.7. 500g Product Weight</p> <p>2.8. 3.3% Flux Content</p> <p>2.9. RoHS Compliant, J-STD-004 classification REL0</p> <p>3.0. DELIVERY and PAYMENT TERMS</p> <p>3.1. Upon issuance of Notice to Proceed (NTP), the items must be delivered on or before December 29, 2021.</p>	2	pc	7310.00	14,620.00

	<p>3.2. Full payment will only be given once the items were completely delivered, inspected, and accepted by the End User. No payment shall be made for the supplies and materials not yet delivered under this contract.</p> <p>3.3. The price of the bid must be inclusive of government taxes and other fees.</p>				
8	<p>SOLDERING PASTE</p> <p>1.0. GENERAL OVERVIEW</p> <p>1.1. The Advanced Science and Technology Institute (ASTI) is seeking qualified and competent bidders for the supply and delivery of 20 pieces of Soldering Paste.</p> <p>1.2. The approved budget for the contract is inclusive of all applicable government taxes and services charges.</p> <p>1.3. The technical specifications written herein are of minimum requirements, unless otherwise stated.</p> <p>1.4 The procurement of these items will be used in maintenance/repair and prototyping of stations.</p> <p>2.0. TECHNICAL SPECS:</p> <p>2.1. Rosin based flux</p> <p>2.2. Non-Corrosive</p> <p>2.3. Item Weight: 50 grams</p> <p>3.0. DELIVERY and PAYMENT TERMS</p> <p>3.1. Upon issuance of Notice to Proceed (NTP), the items must be delivered on or before December 29, 2021.</p> <p>3.2. Full payment will only be given once the items were completely delivered, inspected, and accepted by the End User. No payment shall be made for the supplies and materials not yet delivered under this contract.</p> <p>3.3. The price of the bid must be inclusive of government taxes and other fees.</p>	20	pc	55.00	1,100.00
9	<p>PORTABLE SOLDERING IRON</p> <p>1.0. GENERAL OVERVIEW</p> <p>1.1. The Advanced Science and Technology Institute (ASTI) is seeking qualified and competent bidders for the supply and delivery of four (4) pieces of Portable Soldering Iron.</p> <p>1.2. The approved budget for the contract is inclusive of all applicable government taxes and services charges.</p> <p>1.3. The technical specifications written herein are of minimum requirements, unless otherwise stated.</p> <p>1.4 The procurement of these items will be used in maintenance/repair and prototyping of stations.</p> <p>2.0. TECHNICAL SPECIFICATIONS</p> <p>2.1. Power Type: Battery</p> <p>2.2. Wattage: 25W</p> <p>2.3. Input Voltage: 12VDC</p> <p>2.4. Tip Series: 50</p> <p>2.5. Supplied with four (4) meters of lead fitted with crocodile clips</p>	4	pc	3320.00	13,280.00

	<p>3.0. WARRANTY</p> <p>3.1. The items must have at least three (3) months warranty from time of delivery which covers defects in materials and workmanship. Warranty service shall commence from the date of end-user acceptance.</p> <p>4.0. DELIVERY and PAYMENT TERMS</p> <p>4.1. Upon issuance of Notice to Proceed (NTP), the items must be delivered on or before December 29, 2021.</p> <p>4.2. Full payment will only be given once the items were completely delivered, inspected, and accepted by the End User. No payment shall be made for the supplies and materials not yet delivered under this contract.</p> <p>4.3. The price of the bid must be inclusive of government taxes and other fees.</p>				
10	<p>SAFETY HARNESS - WAIST</p> <p>1.0. GENERAL OVERVIEW</p> <p>1.1. The Advanced Science and Technology Institute (ASTI) is seeking qualified and competent bidders for the supply and delivery of four (4) pieces of Safety Harness.</p> <p>1.2. The approved budget for the contract is inclusive of all applicable government taxes and services charges.</p> <p>1.3. The technical specifications written herein are of minimum requirements, unless otherwise stated.</p> <p>1.4 The procurement of these items will be used in research and development, maintenance/repair and prototyping stations.</p> <p>2.0. TECHNICAL SPECIFICATIONS</p> <p>2.1. Nylon Belt : Waist Belt</p> <p>2.1.1. Length: not less than 1,200 mm</p> <p>2.1.2. width: not less than 50mm</p> <p>2.1.3. thickness: not less than 2 mm</p> <p>2.1.4. Breaking Strength: over 2,000 kilograms</p> <p>2.2 Nylon Rope</p> <p>2.2.1. Length: not less than 1600 mm</p> <p>2.2.2. Diameter: 13mm</p> <p>2.2.3. Breaking Strength: over 900 kilograms</p> <p>2.3 Flat hook slide type buckle</p> <p>2.4. With "D" Ring that fastens with Nylonirino Stopper</p> <p>3.0. DELIVERY and PAYMENT TERMS</p> <p>3.1. Upon issuance of Notice to Proceed (NTP), the items must be delivered on or before December 29, 2021.</p> <p>3.2. Full payment will only be given once the items were completely delivered, inspected, and accepted by the End User. No payment shall be made for the supplies and materials not yet delivered under this contract.</p> <p>3.3. The price of the bid must be inclusive of government taxes and other fees.</p>	4	pc	2156.00	8,624.00
11	<p>WATERPROOF HAT</p> <p>1.0. GENERAL OVERVIEW</p> <p>1.1. The Advanced Science and Technology Institute</p>	6	pc	1520.00	9,120.00

	<p>(ASTI) is seeking qualified and competent bidders for the supply and delivery of six (6) pieces of Waterproof Hat.</p> <p>1.2. The approved budget for the contract is inclusive of all applicable government taxes and services charges.</p> <p>1.3. The technical specifications written herein are of minimum requirements, unless otherwise stated.</p> <p>1.4 The procurement of these items will be used in maintenance/repair and prototyping of stations.</p> <p>2.0. TECHNICAL SPECIFICATIONS</p> <p>2.1 Material: Three (3)-layer fabric with ripstop weave</p> <p>2.1.1 Main fabric : 100.0% Polyester (PES)</p> <p>2.1.2 Membrane : 100.0% Polyurethane (PU)</p> <p>2.1.3 Inner fabric : 100.0% Polyester (PES)</p> <p>2.2 Head Size: 56-58 cm</p> <p>2.3 Color: Gray</p> <p>2.4 Weight: ± 60 grams</p> <p>3.0. DELIVERY and PAYMENT TERMS</p> <p>3.1. Upon issuance of Notice to Proceed (NTP), the items must be delivered on or before December 29, 2021.</p> <p>3.2. Full payment will only be given once the items were completely delivered, inspected, and accepted by the End User. No payment shall be made for the supplies and materials not yet delivered under this contract.</p> <p>3.3. The price of the bid must be inclusive of government taxes and other fees.</p>				
12	<p>OUTDOOR PANTS</p> <p>1.0. GENERAL OVERVIEW</p> <p>1.1. The Advanced Science and Technology Institute (ASTI) is seeking qualified and competent bidders for the supply and delivery of six (6) pieces of Outdoor Pants.</p> <p>1.2. The approved budget for the contract is inclusive of all applicable government taxes and services charges.</p> <p>1.3. The technical specifications written herein are of minimum requirements, unless otherwise stated.</p> <p>1.4 The procurement of these items will be used in maintenance/repair of stations.</p> <p>2.0. TECHNICAL SPECIFICATIONS</p> <p>2.1. Quick dry fabric light material</p> <p>2.2. With release buckles and nylon strap belt</p> <p>2.3. Snap on buttons</p> <p>2.4. Convertible to Shorts</p> <p>2.5. Knees and Back Pocket Area, Stretchable for better Mobility</p> <p>2.6. Waist Size: 32-34 inches</p> <p>2.7. Color: Gray</p> <p>3.0. DELIVERY and PAYMENT TERMS</p> <p>3.1. Upon issuance of Notice to Proceed (NTP), the items must be delivered on or before December 29, 2021.</p> <p>3.2. Full payment will only be given once the items</p>	6	pc	1600.00	9,600.00

	<p>were completely delivered, inspected, and accepted by the End User. No payment shall be made for the supplies and materials not yet delivered under this contract.</p> <p>3.3. The price of the bid must be inclusive of government taxes and other fees.</p>				
13	<p>BENCH VISE</p> <p>1.0. GENERAL OVERVIEW</p> <p>1.1. The Advanced Science and Technology Institute (ASTI) is seeking qualified and competent bidders for the supply and delivery of one (1) piece of heavy duty steel bench vise.</p> <p>1.2. The approved budget for the contract is inclusive of all applicable government taxes and services charges.</p> <p>1.3. The technical specifications written herein are of minimum requirements, unless otherwise stated.</p> <p>1.4 The procurement of this item will be used in research and development, maintenance/repair and prototyping of stations.</p> <p>2.0. TECHNICAL SPECIFICATIONS</p> <p>2.1. Jaw width (nominal): approximately 200mm</p> <p>2.2. Jaw opening (nominal): approximately 155mm</p> <p>2.3. Jaw depth (nominal): approximately 77mm</p> <p>2.4. Anvil Size: approximately 110x120mm</p> <p>2.5. Overall dimensions: approximately 38x20x19 cm (H x W x D)</p> <p>2.6. Weight: 21.5 kilograms</p> <p>2.7. Material: Alloy steel</p> <p>2.8. Swivel Base: 360 degree rotation</p> <p>2.9. Surface Finish: Powder Coated</p> <p>2.10. Color: Black</p> <p>2.11. Clamp Force: approximately 4,050 lbs.</p> <p>2.12. Torque Rating: approximately 95 ft-lb</p> <p>3.0. WARRANTY</p> <p>3.1. The item must have at least one (1) year warranty from time of delivery which covers defects in materials and workmanship. Warranty service shall commence from the date of end-user acceptance.</p> <p>4.0. DELIVERY and PAYMENT TERMS</p> <p>4.1. Upon issuance of Notice to Proceed (NTP), the item must be delivered on or before December 29, 2021.</p> <p>4.2. Full payment will only be given once the item was completely delivered, inspected, and accepted by the End User. No payment shall be made for the supplies and materials not yet delivered under this contract.</p> <p>4.3. The price of the bid must be inclusive of government taxes and other fees.</p>	1	pc	5285.00	5,285.00
14	<p>HACKSAW BLADE 12"</p> <p>1.0. GENERAL OVERVIEW</p> <p>1.1. The Advanced Science and Technology Institute (ASTI) is seeking qualified and competent bidders for the supply and delivery of one (1) unit of Hacksaw Blade.</p>	1	unit	6745.00	6,745.00

	<p>1.2. The approved budget for the contract is inclusive of all applicable government taxes and services charges.</p> <p>1.3. The technical specifications written herein are of minimum requirements, unless otherwise stated.</p> <p>1.4 The procurement of this item will be used in maintenance/repair and prototyping of stations.</p> <p>2.0. TECHNICAL SPECIFICATIONS</p> <p>2.1. Material: M2 High Speed Steel on the teeth and 6150 Spring Steel on the back (M2+D6A)</p> <p>2.2. Blade: 24 TPI (tooth per inch)</p> <p>2.3. Size: 12"x1/2" (300mmx12mm)</p> <p>2.4. Color: Yellow</p> <p>2.5. One (1) unit (box) contains 100 pieces of hack saw blades</p> <p>3.0. DELIVERY and PAYMENT TERMS</p> <p>3.1. Upon issuance of Notice to Proceed (NTP), the item must be delivered on or before December 29, 2021.</p> <p>3.2. Full payment will only be given once the item was completely delivered, inspected, and accepted by the End User. No payment shall be made for the supplies and materials not yet delivered under this contract.</p> <p>3.3. The price of the bid must be inclusive of government taxes and other fees.</p>				
15	<p>HACKSAW BLADE FRAME</p> <p>1.0. GENERAL OVERVIEW</p> <p>1.1. The Advanced Science and Technology Institute (ASTI) is seeking qualified and competent bidders for the supply and delivery of four (4) pieces of Hacksaw Blade Frame.</p> <p>1.2. The approved budget for the contract is inclusive of all applicable government taxes and services charges.</p> <p>1.3. The technical specifications written herein are of minimum requirements, unless otherwise stated.</p> <p>1.4 The procurement of these items will be used in maintenance/repair and prototyping.</p> <p>2.0. TECHNICAL SPECIFICATIONS</p> <p>2.1. Bow frame (square lacquered steel tube)</p> <p>2.2. Handle Material: Aluminum</p> <p>2.3. Size: 12" (300mm)</p> <p>2.4. Color: Combination of black and yellow</p> <p>3.0. ACCESSORIES</p> <p>3.1. Includes one (1) piece saw blade</p> <p>4.0. DELIVERY and PAYMENT TERMS</p> <p>4.1. Upon issuance of Notice to Proceed (NTP), the items must be delivered on or before December 29, 2021.</p> <p>4.2. Full payment will only be given once the items were completely delivered, inspected, and accepted by the End User. No payment shall be made for the supplies and materials not yet delivered under this contract.</p>	4	pc	490.00	1,960.00

	4.3. The price of the bid must be inclusive of government taxes and other fees.				
16	<p>SILICON SEALANT - TUBE</p> <p>1.0. GENERAL OVERVIEW</p> <p>1.1. The Advanced Science and Technology Institute (ASTI) is seeking qualified and competent bidders for the supply and delivery of 20 pieces of elastomeric sealant.</p> <p>1.2. The approved budget for the contract is inclusive of all applicable government taxes and services charges.</p> <p>1.3. The technical specifications written herein are of minimum requirements, unless otherwise stated.</p> <p>1.4 The procurement of these items will be used in maintenance/repair and prototyping of stations.</p> <p>2.0. TECHNICAL SPECIFICATIONS</p> <p>2.1. Color: White</p> <p>2.2. Container Size: approximately 10.1 ounce</p> <p>2.3. Coverage Area: approximately 55 linear foot</p> <p>2.4. Must be fire and high heat resistant</p> <p>2.5. Material: Elastomeric</p> <p>2.6. Must be mildew resistant</p> <p>2.7. Must be moisture resistant</p> <p>2.8. Packaging Type: Cartridge</p> <p>2.9. Must be paintable</p> <p>2.10. Must be permanently flexible</p> <p>2.11. Must exceed ASTM C920, class 25</p> <p>3.0. DELIVERY and PAYMENT TERMS</p> <p>3.1. Upon issuance of Notice to Proceed (NTP), the items must be delivered on or before December 29, 2021.</p> <p>3.2. Full payment will only be given once the items were completely delivered, inspected, and accepted by the End User. No payment shall be made for the supplies and materials not yet delivered under this contract.</p> <p>3.3. The price of the bid must be inclusive of government taxes and other fees.</p>	20	pc	302.00	6,040.00
17	<p>SILICON SEALANT - PACK</p> <p>1.0. GENERAL OVERVIEW</p> <p>1.1. The Advanced Science and Technology Institute (ASTI) is seeking qualified and competent bidders for the supply and delivery of 20 pieces of caulk sealant.</p> <p>1.2. The approved budget for the contract is inclusive of all applicable government taxes and services charges.</p> <p>1.3. The technical specifications written herein are of minimum requirements, unless otherwise stated.</p> <p>1.4 The procurement of these items will be used in maintenance/repair and prototyping of stations.</p> <p>2.0. TECHNICAL SPECIFICATIONS</p> <p>2.1. Color: Clear</p> <p>2.2. Container Size: approximately 2.8 ounce</p> <p>2.3. Coverage Area: approximately 13 linear foot</p> <p>2.4. Must be fire and high heat resistant</p> <p>2.5. Material: Silicone</p>	20	pc	126.00	2,520.00

	<p>2.6. Must be mildew resistant</p> <p>2.7. Must be moisture resistant</p> <p>2.8. Packaging Type: Squeeze Tube</p> <p>2.9. Must be permanently flexible</p> <p>3.0. DELIVERY and PAYMENT TERMS</p> <p>3.1. Upon issuance of Notice to Proceed (NTP), the items must be delivered on or before December 29, 2021.</p> <p>3.2. Full payment will only be given once the items were completely delivered, inspected, and accepted by the End User. No payment shall be made for the supplies and materials not yet delivered under this contract.</p> <p>3.3. The price of the bid must be inclusive of government taxes and other fees.</p>				
18	<p>SHRINKABLE TUBE 2.4MM</p> <p>1.0. GENERAL OVERVIEW</p> <p>1.1. The Advanced Science and Technology Institute (ASTI) is seeking qualified and competent bidders for the supply and delivery of three (3) pieces heat shrinkable tube.</p> <p>1.2. The approved budget for the contract is inclusive of all applicable government taxes and services charges.</p> <p>1.3. The technical specifications written herein are of minimum requirements, unless otherwise stated.</p> <p>1.4 The procurement of these items will be used in maintenance/repair and prototyping of stations.</p> <p>2.0. TECHNICAL SPECIFICATIONS</p> <p>2.1. Sleeve Diameter: approximately 2.4mm</p> <p>2.2. Shrunk Diameter: approximately 1.2mm</p> <p>2.3. Color: Black</p> <p>2.4. Sleeve Type: Heat Shrink</p> <p>2.5. Shrink Ratio: 2:1</p> <p>2.6. Sleeve Length: approximately 25m</p> <p>2.7. Material: Polyolefin</p> <p>2.8. Must be flame retardant</p> <p>2.9. Must be RoHS Compliant, UL</p> <p>3.0. DELIVERY and PAYMENT TERMS</p> <p>3.1. Upon issuance of Notice to Proceed (NTP), the items must be delivered on or before December 29, 2021.</p> <p>3.2. Full payment will only be given once the items were completely delivered, inspected, and accepted by the End User. No payment shall be made for the supplies and materials not yet delivered under this contract.</p> <p>3.3. The price of the bid must be inclusive of government taxes and other fees.</p>	3	pc	3770.00	11,310.00
19	<p>SHRINKABLE TUBE 4.8 MM</p> <p>1.0. GENERAL OVERVIEW</p> <p>1.1. The Advanced Science and Technology Institute (ASTI) is seeking qualified and competent bidders for the supply and delivery of three (3) pieces of heat shrinkable tube.</p> <p>1.2. The approved budget for the contract is inclusive</p>	3	pc	3025.00	9,075.00

	<p>of all applicable government taxes and services charges.</p> <p>1.3. The technical specifications written herein are of minimum requirements, unless otherwise stated.</p> <p>1.4 The procurement of these items will be used in maintenance/repair and prototyping of stations.</p> <p>2.0. TECHNICAL SPECIFICATIONS</p> <p>2.1. Sleeve Diameter: approximately 4.8mm</p> <p>2.2. Shrunken Diameter: approximately 2.4mm</p> <p>2.3. Color: Black</p> <p>2.4. Sleeve Type: Heat Shrink</p> <p>2.5. Shrink Ratio: 2:1</p> <p>2.6. Sleeve Length: approximately 20m</p> <p>2.7. Material: Polyolefin</p> <p>2.8. Must be flame retardant</p> <p>2.9. Must be RoHS Compliant, UL</p> <p>3.0. DELIVERY and PAYMENT TERMS</p> <p>3.1. Upon issuance of Notice to Proceed (NTP), the items must be delivered on or before December 29, 2021.</p> <p>3.2. Full payment will only be given once the items were completely delivered, inspected, and accepted by the End User. No payment shall be made for the supplies and materials not yet delivered under this contract.</p> <p>3.3. The price of the bid must be inclusive of government taxes and other fees.</p>				
20	<p>SHRINKABLE TUBE 5 MM</p> <p>1.0. GENERAL OVERVIEW</p> <p>1.1. The Advanced Science and Technology Institute (ASTI) is seeking qualified and competent bidders for the supply and delivery of three (3) pieces of heat shrinkable tube.</p> <p>1.2. The approved budget for the contract is inclusive of all applicable government taxes and services charges.</p> <p>1.3. The technical specifications written herein are of minimum requirements, unless otherwise stated.</p> <p>1.4 The procurement of these items will be used in maintenance/repair and prototyping of stations.</p> <p>2.0. TECHNICAL SPECIFICATIONS</p> <p>2.1. Sleeve Diameter: approximately 6.4mm</p> <p>2.2. Shrunken Diameter: approximately 3.2mm</p> <p>2.3. Color: Black</p> <p>2.4. Sleeve Type: Heat Shrink</p> <p>2.5. Shrink Ratio: 2:1</p> <p>2.6. Sleeve Length: approximately 15m</p> <p>2.7. Material: Polyolefin</p> <p>2.8. Must be flame retardant</p> <p>2.9. Must be RoHS Compliant, UL</p> <p>3.0. DELIVERY and PAYMENT TERMS</p> <p>3.1. Upon issuance of Notice to Proceed (NTP), the items must be delivered on or before December 29, 2021.</p> <p>3.2. Full payment will only be given once the items were completely delivered, inspected, and accepted by</p>	3	pc	4050.00	12,150.00

	<p>the End User. No payment shall be made for the supplies and materials not yet delivered under this contract.</p> <p>3.3. The price of the bid must be inclusive of government taxes and other fees.</p>				
21	<p>SUPER GLUE</p> <p>1.0. GENERAL OVERVIEW</p> <p>1.1. The Advanced Science and Technology Institute (ASTI) is seeking qualified and competent bidders for the supply and delivery of 30 pieces of super glue.</p> <p>1.2. The approved budget for the contract is inclusive of all applicable government taxes and services charges.</p> <p>1.3. The technical specifications written herein are of minimum requirements, unless otherwise stated.</p> <p>1.4 The procurement of these items will be used in maintenance/repair and prototyping of stations.</p> <p>2.0. TECHNICAL SPECIFICATIONS</p> <p>2.1. Weight: approximately 5g</p> <p>2.2. Adhesive Type: Cyanoacrylate</p> <p>2.3. Cure: Humidity</p> <p>2.4. Adhesive Color: Transparent</p> <p>2.5. Dispensing Method: Bottle</p> <p>3.0. DELIVERY and PAYMENT TERMS</p> <p>3.1. Upon issuance of Notice to Proceed (NTP), the items must be delivered on or before December 29, 2021.</p> <p>3.2. Full payment will only be given once the items were completely delivered, inspected, and accepted by the End User. No payment shall be made for the supplies and materials not yet delivered under this contract.</p> <p>3.3. The price of the bid must be inclusive of government taxes and other fees.</p>	30	pc	180.00	5,400.00
22	<p>HEADLAMP LED/RECHARGABLE</p> <p>1.0. GENERAL OVERVIEW</p> <p>1.1. The Advanced Science and Technology Institute (ASTI) is seeking qualified and competent bidders for the supply and delivery of six (6) pieces of rechargeable headlamp.</p> <p>1.2. The approved budget for the contract is inclusive of all applicable government taxes and services charges.</p> <p>1.3. The technical specifications written herein are of minimum requirements, unless otherwise stated.</p> <p>1.4 The procurement of these items will be used in maintenance/repair of stations.</p> <p>2.0. TECHNICAL SPECIFICATIONS</p> <p>2.1. Battery Type: Lithium Ion 18650</p> <p>2.2. Must be CE, FCC, and ROHS compliant</p> <p>2.3. Wattage: approximately 20 watts</p> <p>2.4. Light Source: LED Bulbs</p> <p>2.5. Must be waterproof (Rating: IPX5)</p> <p>2.6. Beam Angle: approximately 45°</p> <p>2.7. Switch Mode: Zoom In</p> <p>2.8. Three (3) Modes: High - Low - Strobe</p>	6	pc	1039.00	6,234.00

	<p>2.9. Irradiation distance: 200-500 meters 2.10. Zoom function: head telescopic zoom 2.11. Charging method : Micro USB charging 2.12. Luminous color: white light 2.13. Material: aluminum alloy + ABS 2.14. Weight: approximately 300g</p> <p>3.0. ACCESSORIES 3.1. Two (2) pieces of 18650 battery 3.2. One (1) USB charging cable 3.3. One (1) MC05 charging head</p> <p>4.0. WARRANTY 4.1. The items must have at least three (3) months warranty from time of delivery which covers defects in materials and workmanship. Warranty service shall commence from the date of end-user acceptance.</p> <p>5.0. DELIVERY and PAYMENT TERMS 5.1. Upon issuance of Notice to Proceed (NTP), the items must be delivered on or before December 29, 2021. 5.2. Full payment will only be given once the items were completely delivered, inspected, and accepted by the End User. No payment shall be made for the supplies and materials not yet delivered under this contract. 5.3. The price of the bid must be inclusive of government taxes and other fees.</p>				
23	<p>WISE GRIP</p> <p>1.0. GENERAL OVERVIEW 1.1. The Advanced Science and Technology Institute (ASTI) is seeking qualified and competent bidders for the supply and delivery of two (2) pieces of vise grips. 1.2. The approved budget for the contract is inclusive of all applicable government taxes and services charges. 1.3. The technical specifications written herein are of minimum requirements, unless otherwise stated. 1.4 The procurement of these items will be used in research and development, maintenance/repair and prototyping of stations.</p> <p>2.0. TECHNICAL SPECIFICATIONS 2.1. Must be ground heat treated cutting edges 2.2. Must be hardened steel serrated jaws 2.3. Must be heat treated carbon steel 2.4. Must be chrome plated for corrosion resistance</p> <p>3.0. INCLUSIONS 3.1. One (1) piece of 10 inches Straight locking vise grip pliers 3.2. One (1) piece of 7 inches Straight locking vise grip pliers 3.3. One (1) piece of 9 inches Long nose locking pliers 3.4. One (1) piece of 10 inches of Curved locking vise grip pliers</p> <p>4.0. DELIVERY and PAYMENT TERMS</p>	2	pc	3025.00	6,050.00

	<p>4.1. Upon issuance of Notice to Proceed (NTP), the items must be delivered on or before December 29, 2021.</p> <p>4.2. Full payment will only be given once the items were completely delivered, inspected, and accepted by the End User. No payment shall be made for the supplies and materials not yet delivered under this contract.</p> <p>4.3. The price of the bid must be inclusive of government taxes and other fees.</p>				
24	<p>CROSS VISE</p> <p>1.0. GENERAL OVERVIEW</p> <p>1.1. The Advanced Science and Technology Institute (ASTI) is seeking qualified and competent bidders for the supply and delivery of one (1) piece of cross vise.</p> <p>1.2. The approved budget for the contract is inclusive of all applicable government taxes and services charges.</p> <p>1.3. The technical specifications written herein are of minimum requirements, unless otherwise stated.</p> <p>1.4 The procurement of this item will be used in research and development, maintenance/repair and prototyping of stations.</p> <p>2.0. TECHNICAL SPECIFICATIONS</p> <p>2.1. Jaw Width: approximately 157mm (6.18")</p> <p>2.2. Jaw depth: approximately 53mm (2.09")</p> <p>2.3. Jaw opening: approximately 152mm (5.98")</p> <p>2.4 Open up to 5 inches wide</p> <p>2.5 Heavy duty powder-coated cast iron</p> <p>2.6 Cross Travel Per One Revolution:3mm (0.12")</p> <p>2.7 Longitudinal Travel Per One Revolution: 4mm (0.16")</p> <p>2.8. Material: Ductile cast iron, Metal</p> <p>2.9. Mounting Type: Cast Iron</p> <p>3.0. WARRANTY</p> <p>3.1. The item must have at least one (1) year warranty from time of delivery which covers defects in materials and workmanship. Warranty service shall commence from the date of end-user acceptance.</p> <p>4.0. DELIVERY and PAYMENT TERMS</p> <p>4.1. Upon issuance of Notice to Proceed (NTP), the item must be delivered on or before December 29, 2021.</p> <p>4.2. Full payment will only be given once the item was completely delivered, inspected, and accepted by the End User. No payment shall be made for the supplies and materials not yet delivered under this contract.</p> <p>4.3. The price of the bid must be inclusive of government taxes and other fees.</p>	1	pc	2475.00	2,475.00
25	<p>BENCH DRILL PRESS</p> <p>1.0. GENERAL OVERVIEW</p> <p>1.1. The Advanced Science and Technology Institute (ASTI) is seeking qualified and competent bidders for the supply and delivery of one (1) unit of bench drill press.</p>	1	unit	13600.00	13,600.00

	<p>1.2. The approved budget for the contract is inclusive of all applicable government taxes and services charges.</p> <p>1.3. The technical specifications written herein are of minimum requirements, unless otherwise stated.</p> <p>1.4 The procurement of this item will be used in research and development, maintenance/repair and prototyping of stations.</p> <p>2.0. TECHNICAL SPECIFICATIONS</p> <p>2.1. Drilling Capability: approximately 16mm</p> <p>2.2. Power Input: approximately 550W(3/4HP)</p> <p>2.3. Spindle Travel: approximately 80mm</p> <p>2.4. Spindle Taper: approximately MT2-B16</p> <p>2.5. Class of Speed: approximately 16</p> <p>2.6. Swing: approximately 330mm</p> <p>2.7. Table Size (mm): approximately 290</p> <p>2.8. Base size (mm): approximately 420×250</p> <p>2.9. Column Diameter: approximately 70mm</p> <p>2.10. Height (mm): approximately 980</p> <p>2.11. Net Weight: approximately 40kilograms</p> <p>2.12. Table: Fully Adjustable with Angle Indicator</p> <p>2.13. Base Material: Cast Iron</p> <p>2.14. Winding Motor: Copper</p> <p>3.0. WARRANTY</p> <p>3.1. The item must have at least six (6) months warranty from time of delivery which covers defects in materials and workmanship. Warranty service shall commence from the date of end-user acceptance.</p> <p>4.0. DELIVERY and PAYMENT TERMS</p> <p>4.1. Upon issuance of Notice to Proceed (NTP), the item must be delivered on or before December 29, 2021.</p> <p>4.2. Full payment will only be given once the item was completely delivered, inspected, and accepted by the End User. No payment shall be made for the supplies and materials not yet delivered under this contract.</p> <p>4.3. The price of the bid must be inclusive of government taxes and other fees.</p>				
26	<p>STEP DRILL</p> <p>1.0. GENERAL OVERVIEW</p> <p>1.1. The Advanced Science and Technology Institute (ASTI) is seeking qualified and competent bidders for the supply and delivery of two (2) sets of Step Drill Bits.</p> <p>1.2. The approved budget for the contract is inclusive of all applicable government taxes and services charges.</p> <p>1.3. The technical specifications written herein are of minimum requirements, unless otherwise stated.</p> <p>1.4 The procurement of these items will be used in research and development, maintenance/repair and prototyping of stations.</p> <p>2.0. TECHNICAL SPECIFICATIONS</p> <p>2.1. Material: Titanium Nitride Coated</p> <p>2.2. Non-walking drill tip</p>	2	set	1083.00	2,166.00

	<p>2.3. Shank Size: 1/4 inches</p> <p>3.0. INCLUSIONS</p> <p>3.1. One (1) piece 15-step bit (4mm to 32mm)</p> <p>3.2. One (1) piece 9-step bit (4mm to 20mm)</p> <p>3.3. One (1) piece 5-step bit (4mm to 12mm)</p> <p>3.0. DELIVERY and PAYMENT TERMS</p> <p>3.1. Upon issuance of Notice to Proceed (NTP), the items must be delivered on or before December 29, 2021.</p> <p>3.2. Full payment will only be given once the items were completely delivered, inspected, and accepted by the End User. No payment shall be made for the supplies and materials not yet delivered under this contract.</p> <p>3.3. The price of the bid must be inclusive of government taxes and other fees.</p>				
27	<p>HEAVY DUTY GRINDER</p> <p>1.0. GENERAL OVERVIEW</p> <p>1.1. The Advanced Science and Technology Institute (ASTI) is seeking qualified and competent bidders for the supply and delivery of one (1) set of heavy duty angle grinder.</p> <p>1.2. The approved budget for the contract is inclusive of all applicable government taxes and services charges.</p> <p>1.3. The technical specifications written herein are of minimum requirements, unless otherwise stated.</p> <p>1.4 The procurement of this item will be used in research and development, maintenance/repair and prototyping of stations.</p> <p>2.0. TECHNICAL SPECIFICATIONS</p> <p>2.1. Continuous Rating Input: approximately 840W</p> <p>2.2. Wheel Diameter: approximately 100 mm (4")</p> <p>2.3. No Load Speed: approximately 11,000 (RPM)</p> <p>2.4. Dimensions (L x W x H): approximately 271x118x97 mm (10-5/8"x4-5/8"x3-13/16")</p> <p>2.5. Power Supply Cord: approximately 2.5 m (8.2 ft.)</p> <p>2.6. Power Input Voltage: 220-240 VAC</p> <p>3.0. ACCESSORIES</p> <p>3.1. One (1) piece Lock Nut Wrench</p> <p>3.2. One (1) piece Side Grip</p> <p>3.3. One (1) piece Depressed Center Wheel</p> <p>3.4. One (1) piece Diamond Disc</p> <p>4.0. DELIVERY and PAYMENT TERMS</p> <p>4.1. Upon issuance of Notice to Proceed (NTP), the item must be delivered on or before December 29, 2021.</p> <p>4.2. Full payment will only be given once the item was completely delivered, inspected, and accepted by the End User. No payment shall be made for the supplies and materials not yet delivered under this contract.</p> <p>4.3. The price of the bid must be inclusive of government taxes and other fees.</p>	1	set	3987.00	3,987.00

28	<p>GRINDING DISC 4"</p> <p>1.0. GENERAL OVERVIEW</p> <p>1.1. The Advanced Science and Technology Institute (ASTI) is seeking qualified and competent bidders for the supply and delivery of 20 pieces of Grinding Disc.</p> <p>1.2. The approved budget for the contract is inclusive of all applicable government taxes and services charges.</p> <p>1.3. The technical specifications written herein are of minimum requirements, unless otherwise stated.</p> <p>1.4 The procurement of these items will be used in research and development, maintenance/repair and prototyping of stations.</p> <p>2.0. TECHNICAL SPECIFICATIONS</p> <p>2.1. Size (Diameter x Thickness x Bore): approximately 4in x 1/4in x 5/8in</p> <p>2.2. Application: Metal</p> <p>2.3. Grit: A24R</p> <p>2.4. Max Speed: 80m/s (4800 m/min)</p> <p>3.0. DELIVERY and PAYMENT TERMS</p> <p>3.1. Upon issuance of Notice to Proceed (NTP), the items must be delivered on or before December 29, 2021.</p> <p>3.2. Full payment will only be given once the items were completely delivered, inspected, and accepted by the End User. No payment shall be made for the supplies and materials not yet delivered under this contract.</p> <p>3.3. The price of the bid must be inclusive of government taxes and other fees.</p>	20	pc	110.00	2,200.00
29	<p>CUTTING DISC - METAL 4"</p> <p>1.0. GENERAL OVERVIEW</p> <p>1.1. The Advanced Science and Technology Institute (ASTI) is seeking qualified and competent bidders for the supply and delivery of 20 pieces of Metal Cutting Disc.</p> <p>1.2. The approved budget for the contract is inclusive of all applicable government taxes and services charges.</p> <p>1.3. The technical specifications written herein are of minimum requirements, unless otherwise stated.</p> <p>1.4 The procurement of these items will be used in research and development, maintenance/repair and prototyping of stations.</p> <p>2.0. TECHNICAL SPECIFICATIONS</p> <p>2.1 Size (Diameter x Thickness x Bore): approximately 4in x 3/32in x 5/8in</p> <p>2.2 Application: Metal</p> <p>2.3 Grit: A30S</p> <p>2.4 Max Speed: 80m/s (4800 m/min)</p> <p>3.0. DELIVERY and PAYMENT TERMS</p> <p>3.1. Upon issuance of Notice to Proceed (NTP), the items must be delivered on or before December 29, 2021.</p> <p>3.2. Full payment will only be given once the items were completely delivered, inspected, and accepted by</p>	20	pc	60.00	1,200.00

	<p>the End User. No payment shall be made for the supplies and materials not yet delivered under this contract.</p> <p>3.3. The price of the bid must be inclusive of government taxes and other fees.</p>				
30	<p>CUTTING DISC - CONCRETE 4"</p> <p>1.0. GENERAL OVERVIEW</p> <p>1.1. The Advanced Science and Technology Institute (ASTI) is seeking qualified and competent bidders for the supply and delivery of 10 pieces of Concrete Cutting Disc.</p> <p>1.2. The approved budget for the contract is inclusive of all applicable government taxes and services charges.</p> <p>1.3. The technical specifications written herein are of minimum requirements, unless otherwise stated.</p> <p>1.4 The procurement of these items will be used in research and development, maintenance/repair and prototyping of stations.</p> <p>2.0. TECHNICAL SPECIFICATIONS</p> <p>2.1. Size: approximately 105mm x 20/16mm</p> <p>2.2. Application: Concrete, Marble, Granite</p> <p>2.3. Max Speed: 80m/s (4800 m/min)</p> <p>3.0. DELIVERY and PAYMENT TERMS</p> <p>3.1. Upon issuance of Notice to Proceed (NTP), the items must be delivered on or before December 29, 2021.</p> <p>3.2. Full payment will only be given once the items were completely delivered, inspected, and accepted by the End User. No payment shall be made for the supplies and materials not yet delivered under this contract.</p> <p>3.3. The price of the bid must be inclusive of government taxes and other fees.</p>	10	pc	294.00	2,940.00
31	<p>SANDING DISC</p> <p>1.0. GENERAL OVERVIEW</p> <p>1.1. The Advanced Science and Technology Institute (ASTI) is seeking qualified and competent bidders for the supply and delivery of five (5) pieces of Sanding Disc.</p> <p>1.2. The approved budget for the contract is inclusive of all applicable government taxes and services charges.</p> <p>1.3. The technical specifications written herein are of minimum requirements, unless otherwise stated.</p> <p>1.4 The procurement of these items will be used in research and development, maintenance/repair and prototyping of stations.</p> <p>2.0. TECHNICAL SPECIFICATIONS</p> <p>2.1. Must fit 100mm sanders/polishers</p> <p>2.2. Material: Plastic Foam</p> <p>2.3. Diameter of Axle: 100mm (4in)</p> <p>2.4. Color: Combination of black and yellow</p> <p>2.5. Fits standard angle grinder thread</p> <p>3.0. INCLUSIONS</p>	5	pc	1298.00	6,490.00

	<p>3.1. Two (2) pieces 100mm sanding disc per item unit</p> <p>4.0. DELIVERY and PAYMENT TERMS</p> <p>4.1. Upon issuance of Notice to Proceed (NTP), the items must be delivered on or before December 29, 2021.</p> <p>4.2. Full payment will only be given once the items were completely delivered, inspected, and accepted by the End User. No payment shall be made for the supplies and materials not yet delivered under this contract.</p> <p>4.3. The price of the bid must be inclusive of government taxes and other fees.</p>				
32	<p>SANDING PAD</p> <p>1.0. GENERAL OVERVIEW</p> <p>1.1. The Advanced Science and Technology Institute (ASTI) is seeking qualified and competent bidders for the supply and delivery of five (5) sets of Sanding Pad.</p> <p>1.2. The approved budget for the contract is inclusive of all applicable government taxes and services charges.</p> <p>1.3. The technical specifications written herein are of minimum requirements, unless otherwise stated.</p> <p>1.4 The procurement of these items will be used in research and development, maintenance/repair and prototyping of stations.</p> <p>2.0. TECHNICAL SPECIFICATIONS</p> <p>2.1. Material: Sandpaper flocking</p> <p>2.2. Color: Red brown</p> <p>2.3. Mounting: Velcro-Backed (Hook and loop backed)</p> <p>2.4. Diameter Size: Approximately 100mm (4 inches)</p> <p>2.5. Grit: 400</p> <p>3.0. INCLUSIONS</p> <p>3.1. Twenty (20) pieces 100mm sanding pad per item unit</p> <p>4.0. DELIVERY and PAYMENT TERMS</p> <p>4.1. Upon issuance of Notice to Proceed (NTP), the items must be delivered on or before December 20, 2021.</p> <p>4.2. Full payment will only be given once the items were completely delivered, inspected, and accepted by the End User. No payment shall be made for the supplies and materials not yet delivered under this contract.</p> <p>4.3. The price of the bid must be inclusive of government taxes and other fees.</p>	5	set	1188.00	5,940.00
33	<p>THERMAL WATER JUG</p> <p>1.0. GENERAL OVERVIEW</p> <p>1.1. The Advanced Science and Technology Institute (ASTI) is seeking qualified and competent bidders for the supply and delivery of one (1) unit two thermal water jug.</p> <p>1.2. The approved budget for the contract is inclusive of all applicable government taxes and services charges.</p>	1	pc	3146.00	3,146.00

	<p>1.3. The technical specifications written herein are of minimum requirements, unless otherwise stated.</p> <p>1.4 The procurement of this item will be used in maintenance/repair of stations activities.</p> <p>2.0. TECHNICAL SPECIFICATIONS</p> <p>2.1. Spigot must be</p> <p>2.1.1. Plastic</p> <p>2.1.2. Recessed</p> <p>2.1.3. Drip-proof</p> <p>2.1.4. Pushbutton spigot</p> <p>2.2. Lid must be</p> <p>2.2.1. Pressure fit</p> <p>2.2.2. With molded-in contour handle</p> <p>2.3. OSHA requirements</p> <p>2.4. Capacity: Up to two (2) gallons</p> <p>2.5. With foamed-in-place ultratherm insulation</p> <p>2.6. Dimension: 29.5cm x 28.5cm x 37.5cm</p> <p>2.7. Weight: approximately 1.5 kilograms</p> <p>3.0. DELIVERY and PAYMENT TERMS</p> <p>3.1. Upon issuance of Notice to Proceed (NTP), the item must be delivered on or before December 29, 2021.</p> <p>3.2. Full payment will only be given once the item was completely delivered, inspected, and accepted by the End User. No payment shall be made for the supplies and materials not yet delivered under this contract.</p> <p>3.3. The price of the bid must be inclusive of government taxes and other fees.</p>				
34	<p>ARM SLEEVES</p> <p>1.0. GENERAL OVERVIEW</p> <p>1.1. The Advanced Science and Technology Institute (ASTI) is seeking qualified and competent bidders for the supply and delivery of 10 pieces of Arm Sleeves.</p> <p>1.2. The approved budget for the contract is inclusive of all applicable government taxes and services charges.</p> <p>1.3. The technical specifications written herein are of minimum requirements, unless otherwise stated.</p> <p>1.4 The procurement of these items will be used in maintenance/repair of stations activities.</p> <p>2.0 TECHNICAL SPECIFICATIONS</p> <p>2.1. Main Fabric:</p> <p>2.1.1. 85.0% Polyamide (PA)</p> <p>2.1.2. 14.0% Elastane</p> <p>2.1.3. 1.0% Polyester (PES)</p> <p>2.2. Size: Medium/Large</p> <p>2.3. Color: Black</p> <p>3.0. DELIVERY and PAYMENT TERMS</p> <p>3.1. Upon issuance of Notice to Proceed (NTP), the items must be delivered on or before December 29, 2021.</p> <p>3.2. Full payment will only be given once the items were completely delivered, inspected, and accepted by the End User. No payment shall be made for the supplies and materials not yet delivered under this</p>	10	pc	560.00	5,600.00

	<p>contract.</p> <p>3.3. The price of the bid must be inclusive of government taxes and other fees.</p>				
35	<p>UTILITY BELT</p> <p>1.0. GENERAL OVERVIEW</p> <p>1.1. The Advanced Science and Technology Institute (ASTI) is seeking qualified and competent bidders for the supply and delivery of three (3) pieces of Multifunction Tool Belt</p> <p>1.2. The approved budget for the contract is inclusive of all applicable government taxes and services charges.</p> <p>1.3. The technical specifications written herein are of minimum requirements, unless otherwise stated.</p> <p>1.4 The procurement of these items will be used in maintenance/repair of stations.</p> <p>2.0. TECHNICAL SPECIFICATIONS</p> <p>2.1. Multiple pocket work belt</p> <p>2.1.1. One (1) large pocket</p> <p>2.1.2. Four (4) external side pocket</p> <p>2.1.3. One (1) external pocket</p> <p>2.1.4. Two (2) hanging pockets</p> <p>2.2. Material: 600D oxford cloth</p> <p>2.3. Must be waterproof</p> <p>2.4. Must be wear-resistant</p> <p>2.5. Must be double stitched and steel rivets at stress points</p> <p>2.6. Belt Range: 31in to 47in (Adjustable)</p> <p>2.7. Must have quick release buckle</p> <p>2.8. Size (L x W): 25 x 24 cm (9.83 x 9.43 inch)</p> <p>2.9. Weight: 230 g (8.11 oz)</p> <p>2.10. Color: Combination of orange and black</p> <p>3.0. DELIVERY and PAYMENT TERMS</p> <p>3.1. Upon issuance of Notice to Proceed (NTP), the items must be delivered on or before December 20, 2021.</p> <p>3.2. Full payment will only be given once the items were completely delivered, inspected, and accepted by the End User. No payment shall be made for the supplies and materials not yet delivered under this contract.</p> <p>3.3. The price of the bid must be inclusive of government taxes and other fees.</p>	3	pc	1039.00	3,117.00
36	<p>CABLE TIE 100MM</p> <p>1.0. GENERAL OVERVIEW</p> <p>1.1. The Advanced Science and Technology Institute (ASTI) is seeking qualified and competent bidders for the supply and delivery of one (1) piece of Black Nylon Cable Tie.</p> <p>1.2. The approved budget for the contract is inclusive of all applicable government taxes and services charges.</p> <p>1.3. The technical specifications written herein are of minimum requirements, unless otherwise stated.</p> <p>1.4 The procurement of this item will be used in research and development, maintenance/repair and prototyping of stations.</p>	1	pc	1325.00	1,325.00

	<p>2.0. TECHNICAL SPECIFICATIONS</p> <p>2.1. Length: 100mm 2.2. Width: 2.5 mm 2.3. Color: Black 2.4. Material: Nylon 66 2.5. Must be UV Resistant 2.6. Operating Temperature: -40°C to +85°C 2.7. Tensile Strength: 78.4N 2.8. Maximum Bundle Diameter: 22mm 2.10. Must be flame retardant 2.11. Must be ROHS compliant</p> <p>3.0. INCLUSIONS</p> <p>3.1. 1000 pieces 100mm black cable ties per item unit</p> <p>4.0. DELIVERY and PAYMENT TERMS</p> <p>4.1. Upon issuance of Notice to Proceed (NTP), the item must be delivered on or before December 29, 2021.</p> <p>4.2. Full payment will only be given once the item was completely delivered, inspected, and accepted by the End User. No payment shall be made for the supplies and materials not yet delivered under this contract.</p> <p>4.3. The price of the bid must be inclusive of government taxes and other fees.</p>				
37	<p>CABLE TIE 150MM</p> <p>1.0. GENERAL OVERVIEW</p> <p>1.1. The Advanced Science and Technology Institute (ASTI) is seeking qualified and competent bidders for the supply and delivery of one (1) piece of Black Nylon Cable Tie.</p> <p>1.2. The approved budget for the contract is inclusive of all applicable government taxes and services charges.</p> <p>1.3. The technical specifications written herein are of minimum requirements, unless otherwise stated.</p> <p>1.4 The procurement of this item will be used in research and development, maintenance/repair and prototyping of stations.</p> <p>2.0. TECHNICAL SPECIFICATIONS</p> <p>2.1. Length: 150mm 2.2. Width: 3.6 mm 2.3. Color: Black 2.4. Material: Nylon 66 2.5. Must be UV Resistant 2.6. Operating Temperature: -40°C to +85°C 2.7. Tensile Strength: 176N 2.8. Maximum Bundle Diameter: 36mm 2.10. Must be flame retardant 2.11. Must be ROHS compliant</p> <p>3.0. INCLUSIONS</p> <p>3.1. 1000 pieces 150mm black cable ties per item unit</p> <p>4.0. DELIVERY and PAYMENT TERMS</p>	1	pc	2475.00	2,475.00

	<p>4.1. Upon issuance of Notice to Proceed (NTP), the item must be delivered on or before December 29, 2021.</p> <p>4.2. Full payment will only be given once the item was completely delivered, inspected, and accepted by the End User. No payment shall be made for the supplies and materials not yet delivered under this contract.</p> <p>4.3. The price of the bid must be inclusive of government taxes and other fees.</p>				
38	<p>CABLE TIE 203MM</p> <p>1.0. GENERAL OVERVIEW</p> <p>1.1. The Advanced Science and Technology Institute (ASTI) is seeking qualified and competent bidders for the supply and delivery of one (1) piece of Black Nylon Cable Tie.</p> <p>1.2. The approved budget for the contract is inclusive of all applicable government taxes and services charges.</p> <p>1.3. The technical specifications written herein are of minimum requirements, unless otherwise stated.</p> <p>1.4 The procurement of this item machine will be used in research and development, maintenance/repair and prototyping of stations.</p> <p>2.0. TECHNICAL SPECIFICATIONS</p> <p>2.1. Length: 203mm</p> <p>2.2. Width: 4.6 mm</p> <p>2.3. Color: Black</p> <p>2.4. Material: Nylon 66</p> <p>2.5. Must be UV Resistant</p> <p>2.6. Operating Temperature: -40°C to +85°C</p> <p>2.7. Tensile Strength: 215.6N</p> <p>2.8. Maximum Bundle Diameter: 52mm</p> <p>2.10. Must be flame retardant</p> <p>2.11. Must be ROHS compliant</p> <p>3.0. INCLUSIONS</p> <p>3.1. 1000 pieces 203mm black cable ties per item unit</p> <p>4.0. DELIVERY and PAYMENT TERMS</p> <p>4.1. Upon issuance of Notice to Proceed (NTP), the item must be delivered on or before December 29, 2021.</p> <p>4.2. Full payment will only be given once the item was completely delivered, inspected, and accepted by the End User. No payment shall be made for the supplies and materials not yet delivered under this contract.</p> <p>4.3. The price of the bid must be inclusive of government taxes and other fees.</p>	1	pc	1875.00	1,875.00
39	<p>CABLE TIE 12"</p> <p>1.0. GENERAL OVERVIEW</p> <p>1.1. The Advanced Science and Technology Institute (ASTI) is seeking qualified and competent bidders for the supply and delivery of five (5) pieces of Black Nylon Cable Tie.</p> <p>1.2. The approved budget for the contract is inclusive</p>	5	pc	1770.00	8,850.00

	<p>of all applicable government taxes and services charges.</p> <p>1.3. The technical specifications written herein are of minimum requirements, unless otherwise stated.</p> <p>1.4 The procurement of this item will be used in research and development, maintenance/repair and prototyping of stations.</p> <p>2.0. TECHNICAL SPECIFICATIONS</p> <p>2.1. Length: 300mm</p> <p>2.2. Width: 4.8 mm</p> <p>2.3. Color: Black</p> <p>2.4. Material: Nylon 66</p> <p>2.5. Must be UV Resistant</p> <p>2.6. Operating Temperature: -40°C to +85°C</p> <p>2.7. Tensile Strength: 215.6N</p> <p>2.8. Maximum Bundle Diameter: 83mm</p> <p>2.10. Must be self extinguishing</p> <p>2.11. Must be ROHS compliant</p> <p>3.0. INCLUSIONS</p> <p>3.1. 100 pieces 300mm black cable ties per item unit</p> <p>4.0. DELIVERY and PAYMENT TERMS</p> <p>4.1. Upon issuance of Notice to Proceed (NTP), the item must be delivered on or before December 29, 2021.</p> <p>4.2. Full payment will only be given once the items were completely delivered, inspected, and accepted by the End User. No payment shall be made for the supplies and materials not yet delivered under this contract.</p> <p>4.3. The price of the bid must be inclusive of government taxes and other fees.</p>				
40	<p>AIR COMPRESSOR 1/2HP</p> <p>1.0. GENERAL OVERVIEW</p> <p>1.1. The Advanced Science and Technology Institute (ASTI) is seeking qualified and competent bidders for the supply and delivery of one (1) unit of 1/2 HP Air Compressor</p> <p>1.2. The approved budget for the contract is inclusive of all applicable government taxes and services charges.</p> <p>1.3. The technical specifications written herein are of minimum requirements, unless otherwise stated.</p> <p>1.4 The procurement of this item will be used in research and development, maintenance/repair and prototyping of stations.</p> <p>2.0. TECHNICAL SPECIFICATIONS</p> <p>2.1. Motor: at least 1/2 hp</p> <p>2.2. No. of Cylinder: 2</p> <p>2.3. Phase: 1</p> <p>2.4. Pressure: 85 psi</p> <p>2.5. Capacity: 46 liters</p> <p>2.6. Dimension (L x W x H): 90 x 36 x 72cm</p> <p>3.0. WARRANTY</p> <p>3.1. The item must be shipped with 30-calendar day return for advanced replacement on DOA parts and</p>	1	unit	14990.00	14,990.00

	<p>components, and a three (3)-month limited warranty that covers defects in materials and workmanship. Warranty service shall commence from the date of end-user acceptance.</p> <p>3.2 Warranty obligation: Five percent (5%).</p> <p>4.0. DELIVERY and PAYMENT TERMS</p> <p>4.1. Upon issuance of Notice to Proceed (NTP), the item must be delivered on or before December 29, 2021.</p> <p>4.2. Full payment will only be given once the item was completely delivered, inspected, and accepted by the End User. No payment shall be made for the supplies and materials not yet delivered under this contract.</p> <p>4.3. The price of the bid must be inclusive of government taxes and other fees.</p>				
41	<p>FILE TOOL 1 SET</p> <p>1.0. GENERAL OVERVIEW</p> <p>1.1. The Advanced Science and Technology Institute (ASTI) is seeking qualified and competent bidders for the supply and delivery of two (2) sets of Carbon Steel Hand File.</p> <p>1.2. The approved budget for the contract is inclusive of all applicable government taxes and services charges.</p> <p>1.3. The technical specifications written herein are of minimum requirements, unless otherwise stated.</p> <p>1.4 The procurement of these items will be used in research and development, maintenance/repair and prototyping of stations.</p> <p>2.0. TECHNICAL SPECIFICATIONS</p> <p>2.1. Four (4) large files (flat / square file, round / rat tail file, half-round file, triangle file)</p> <p>2.1.1. File Length: 200mm</p> <p>2.1.2. Handle: 110mm</p> <p>2.1.3. Handle Diameter: approximately 30mm</p> <p>2.2. 12 small mini needle files</p> <p>2.2.1. File Length: 100mm</p> <p>2.2.2. Handle: 50mm</p> <p>2.2.3. Handle Diameter: approximately 11mm</p> <p>2.3. One (1) multi-functional brushes</p> <p>2.4. Material: Premium Forged Alloy Steel</p> <p>2.5. Handle Material: Rubber and plastic</p> <p>3.0. INCLUSION</p> <p>3.1. One (1) Portable Tool Bag</p> <p>3.0. DELIVERY and PAYMENT TERMS</p> <p>3.1. Upon issuance of Notice to Proceed (NTP), the items must be delivered on or before December 29, 2021.</p> <p>3.2. Full payment will only be given once the items were completely delivered, inspected, and accepted by the End User. No payment shall be made for the supplies and materials not yet delivered under this contract.</p> <p>3.3. The price of the bid must be inclusive of government taxes and other fees.</p>	2	set	1166.00	2,332.00

42	<p>SEALANT DISPENSER GUN</p> <p>1.0. GENERAL OVERVIEW</p> <p>1.1. The Advanced Science and Technology Institute (ASTI) is seeking qualified and competent bidders for the supply and delivery of four (4) pieces of Caulking Gun.</p> <p>1.2. The approved budget for the contract is inclusive of all applicable government taxes and services charges.</p> <p>1.3. The technical specifications written herein are of minimum requirements, unless otherwise stated.</p> <p>1.4 The procurement of these items will be used in research and development, maintenance/repair and prototyping of stations.</p> <p>2.0. TECHNICAL SPECIFICATIONS:</p> <p>2.1. Industrial Grade</p> <p>2.2. Length: 235mm (9 inches)</p> <p>2.3. Thickness: 1.8mm</p> <p>2.4. Diameter: 55mm</p> <p>2.5. Rod: 8.0mm</p> <p>3.0. DELIVERY and PAYMENT TERMS</p> <p>3.1. Upon issuance of Notice to Proceed (NTP), the items must be delivered on or before December 29, 2021.</p> <p>3.2. Full payment will only be given once the items were completely delivered, inspected, and accepted by the End User. No payment shall be made for the supplies and materials not yet delivered under this contract.</p> <p>3.3. The price of the bid must be inclusive of government taxes and other fees.</p>	4	pc	374.00	1,496.00
43	<p>PORTABLE ANGLE GRINDER</p> <p>1.0. GENERAL OVERVIEW</p> <p>1.1. The Advanced Science and Technology Institute (ASTI) is seeking qualified and competent bidders for the supply and delivery of one (1) set Cordless Angle Grinder</p> <p>1.2. The approved budget for the contract is inclusive of all applicable government taxes and services charges.</p> <p>1.3. The technical specifications written herein are of minimum requirements, unless otherwise stated.</p> <p>1.4 The procurement of this item will be used in research and development, maintenance/repair and prototyping of stations.</p> <p>2.0. TECHNICAL SPECIFICATIONS</p> <p>2.1. Battery Voltage: 20VDC</p> <p>2.2. Motor Type: Brushless</p> <p>2.3. No Load Speed: 9000 per minute</p> <p>2.4. Disc Diameter: 100mm (4 in)</p> <p>2.5. Spindle Thread: M10</p> <p>3.0. ACCESSORIES</p> <p>3.1. Two (2) pieces Lithium-Ion Battery</p> <p>3.1.1. Battery Capacity: at least 2.0 AH</p> <p>3.1.2. Must be interchangeable with items 45 and 46.</p>	1	set	12375.00	12,375.00

	<p>3.2. One (1) piece Charger 3.3. One (1) piece Handle 3.4. One (1) piece Manual 3.5. One (1) piece Carrying Case</p> <p>4.0. WARRANTY 4.1. The item must have at least six (6) months warranty from time of delivery which covers defects in materials and workmanship. Warranty service shall commence from the date of end-user acceptance.</p> <p>5.0. DELIVERY and PAYMENT TERMS 5.1. Upon issuance of Notice to Proceed (NTP), the item must be delivered on or before December 29, 2021. 5.2. Full payment will only be given once the item was completely delivered, inspected, and accepted by the End User. No payment shall be made for the supplies and materials not yet delivered under this contract. 5.3. The price of the bid must be inclusive of government taxes and other fees.</p>				
44	<p>PORTABLE IMPACT DRILL</p> <p>1.0. GENERAL OVERVIEW 1.1. The Advanced Science and Technology Institute (ASTI) is seeking qualified and competent bidders for the supply and delivery of one (1) set Cordless Impact Drill. 1.2. The approved budget for the contract is inclusive of all applicable government taxes and services charges. 1.3. The technical specifications written herein are of minimum requirements, unless otherwise stated. 1.4 The procurement of this item will be used in research and development, maintenance/repair and prototyping of stations.</p> <p>2.0. TECHNICAL SPECIFICATIONS 2.1. Drill Voltage: 20V 2.2. No-load speed: 0-400/0-1500/min 2.3. Max. Impact rate: 22500/min 2.4. Max. torque: 55NM 2.5. Spindle capacity: 0.8 - 10mm 2.6. Torque settings: 18+1+1 2.7. Mechanical 2-speed gear 2.8. Integrated work light 2.9. LED battery power indicator</p> <p>3.0 ACCESSORIES 3.1. Two (2) pieces battery pack 3.1.1. Battery Capacity: at least 2.0 AH 3.1.2. Must be interchangeable with items 44 and 46. 3.2. One (1) piece Charger 3.3. Three (3) pieces Mason Drill Bits 3.4. One (1) piece Carrying Case</p> <p>4.0. WARRANTY 4.1. The item must have at least six (6) months warranty from time of delivery which covers defects in</p>	1	set	6590.00	6,590.00

	<p>materials and workmanship. Warranty service shall commence from the date of end-user acceptance.</p> <p>5.0. DELIVERY and PAYMENT TERMS</p> <p>5.1. Upon issuance of Notice to Proceed (NTP), the item must be delivered on or before December 20, 2021.</p> <p>5.2. Full payment will only be given once the item was completely delivered, inspected, and accepted by the End User. No payment shall be made for the supplies and materials not yet delivered under this contract.</p> <p>5.3. The price of the bid must be inclusive of government taxes and other fees.</p>				
45	<p>PORTABLE IMPACT WRENCH</p> <p>1.0 GENERAL OVERVIEW</p> <p>1.1. The Advanced Science and Technology Institute (ASTI) is seeking qualified and competent bidders for the supply and delivery of one (1) set Cordless Impact Wrench.</p> <p>1.2. The approved budget for the contract is inclusive of all applicable government taxes and services charges.</p> <p>1.3. The technical specifications written herein are of minimum requirements, unless otherwise stated.</p> <p>1.4 The procurement of this item will be used in research and development, maintenance/repair and prototyping of stations.</p> <p>2.0. TECHNICAL SPECIFICATIONS</p> <p>2.1. Voltage: 20V</p> <p>2.2. Square Drive: 1/2in</p> <p>2.3. No-load speed: 0-2300/min</p> <p>2.4. Impact rate: 0-3550 blows per minute</p> <p>2.5. Max. torque: 300NM</p> <p>2.6. Integrated work light</p> <p>2.7. LED battery power indicator</p> <p>3.0 ACCESSORIES</p> <p>3.1. Two (2) pieces battery pack</p> <p>3.1.1. Battery Capacity: at least 2.0 AH</p> <p>3.1.2. Must be interchangeable with items 44 and 45.</p> <p>3.2. One (1) piece Charger</p> <p>3.3. Three (3) pieces 1/2 Drive Socket (17mm, 19mm, 21mm)</p> <p>3.4. One (1) piece Carrying Bag</p> <p>4.0. WARRANTY</p> <p>4.1. The item must have at least six (6) months warranty from time of delivery which covers defects in materials and workmanship. Warranty service shall commence from the date of end-user acceptance.</p> <p>5.0. DELIVERY and PAYMENT TERMS</p> <p>5.1. Upon issuance of Notice to Proceed (NTP), the item must be delivered on or before December 29, 2021.</p> <p>5.2. Full payment will only be given once the item was completely delivered, inspected, and accepted by</p>	1	set	9880.00	9,880.00

	<p>the End User. No payment shall be made for the supplies and materials not yet delivered under this contract.</p> <p>5.3. The price of the bid must be inclusive of government taxes and other fees.</p>				
46	<p>Connector Plug and Receptacle</p> <p>1.0 GENERAL OVERVIEW</p> <p>1.1. The Advanced Science and Technology Institute (ASTI) is seeking qualified and competent bidders for the supply and delivery of 70 sets of Connector Plug and Receptacle.</p> <p>1.2. The approved budget for the contract is inclusive of all applicable government taxes and services charges.</p> <p>1.3. The technical specifications written herein are of minimum requirements, unless otherwise stated.</p> <p>1.4. The procurement of these items will be used in research and development, maintenance/repair and prototyping of stations.</p> <p>2.0 TECHNICAL SPECS:</p> <p>2.1. Connector Type: Receptacle, Male Pins</p> <p>2.1.1. Number of Positions: 4</p> <p>2.1.2. Mounting Type: Panel Mount</p> <p>2.1.3. Mounting Feature: Bulkhead - Front Side Nut</p> <p>2.1.4. Termination: Solder Cup</p> <p>2.1.5. Fastening Type: Push-Twist</p> <p>2.1.6. Orientation: Keyed</p> <p>2.1.7. Shell Material: Polyamide (PA66), Nylon 6/6</p> <p>2.1.8. Contact Finish - Mating: Gold</p> <p>2.1.9. Color: Black, Yellow</p> <p>2.1.10. Ingress Protection: IP67 - Dust Tight, Waterproof</p> <p>2.1.11. Shielding: Unshielded</p> <p>2.1.12. Current Rating (Amps): 15A</p> <p>2.1.13. Voltage Rating: 300V</p> <p>2.1.14. Operating Temperature: -45°C ~ 105°C</p> <p>2.1.15. Contact Material: Brass, Phosphor Bronze</p> <p>2.1.16. Insert Material: Polyamide (PA66), Nylon 6/6</p> <p>2.1.17. Must be compatible with item 2.2.</p> <p>2.2. Connector Type: Plug, Female Sockets</p> <p>2.2.1. Number of Positions: 4</p> <p>2.2.2. Mounting Type: Free Hanging (In-Line)</p> <p>2.2.3. Termination: Solder Cup</p> <p>2.2.4. Fastening Type: Push-Twist</p> <p>2.2.5. Orientation: Keyed</p> <p>2.2.6. Shell Material: Polyamide (PA66), Nylon 6/6</p> <p>2.2.7. Contact Finish - Mating: Gold</p> <p>2.2.8. Color: Black, Yellow</p> <p>2.2.9. Ingress Protection: IP67 - Dust Tight, Waterproof</p> <p>2.2.10. Features: Backshell, Coupling Nut</p> <p>2.2.11. Shielding: Unshielded</p> <p>2.2.12. Current Rating (Amps): 15A</p> <p>2.2.13. Voltage Rating: 300V</p> <p>2.2.14. Cable Opening: 0.256" ~ 0.374" (6.50mm ~ 9.50mm)</p> <p>2.2.15. Operating Temperature: -45°C ~ 105°C</p> <p>2.2.16. Backshell Material, Plating: Polyamide</p>	70	set	605.00	42,350.00

	<p>(PA66), Nylon 6/6</p> <p>2.2.17. Contact Material: Brass, Phosphor Bronze</p> <p>2.2.18. Insert Material: Polyamide (PA66), Nylon 6/6</p> <p>2.2.19. Must be compatible with item 2.1.</p> <p>3.0. DELIVERY and PAYMENT TERMS</p> <p>3.1. Upon issuance of Notice to Proceed (NTP), the items must be delivered on or before December 29, 2021.</p> <p>3.2. Full payment will only be given once the items were completely delivered, inspected, and accepted by the End User. No payment shall be made for the supplies and materials not yet delivered under this contract.</p> <p>3.3. The price of the bid must be inclusive of government taxes and other fees.</p>				
47	<p>AUTO DARKENING WELDING HELMET</p> <p>1.0. GENERAL OVERVIEW</p> <p>1.1. The Advanced Science and Technology Institute (ASTI) is seeking qualified and competent bidders for the supply and delivery of one (1) piece of Auto Darkening Welding Helmet.</p> <p>1.2. The approved budget for the contract is inclusive of all applicable government taxes and services charges.</p> <p>1.3. The technical specifications written herein are of minimum requirements, unless otherwise stated.</p> <p>1.4 The procurement of this item will be used in maintenance/repair and prototyping of stations.</p> <p>2.0 TECHNICAL SPECS:</p> <p>2.1 With solar automatic dimming lens</p> <p>2.2 Frame size: at least 110x90mm</p> <p>2.3 Window size: at least 93x43mm</p> <p>2.4 Bright state level: DIN4</p> <p>2.5 Dark state level: DIN9-13</p> <p>2.5 Dimming response time: 1/10000s</p> <p>2.6 Recovery time: 0.1s-0.8s</p> <p>2.7 Arc sensor: 2</p> <p>2.8 Sensitivity: steplessly adjustable</p> <p>2.9 Delay adjustment: steplessly adjustable</p> <p>2.10 Working temperature: -10°C-65°C</p> <p>2.11 Mask material: Polypropylene</p> <p>2.12 Single product weight: at least 400g</p> <p>2.13 With rechargeable lithium ion battery</p> <p>3.0. WARRANTY</p> <p>3.1. The item must be shipped with 30-calendar day return for advanced replacement on DOA parts and components, and a one (1)-year limited warranty that covers defects in materials and workmanship. Warranty service shall commence from the date of end-user acceptance.</p> <p>4.0. DELIVERY and PAYMENT TERMS</p> <p>4.1. Upon issuance of Notice to Proceed (NTP), the item must be delivered on or before December 29, 2021.</p> <p>4.2. Full payment will only be given once the item</p>	1	pc	1490.00	1,490.00

was completely delivered, inspected, and accepted by the End User. No payment shall be made for the supplies and materials not yet delivered under this contract.

4.3. The price of the bid must be inclusive of government taxes and other fees.

TOTAL APPROVED BUDGET FOR THE CONTRACT:

Php 325,016.00

GUIDELINES

A. Submission of Quotations

1. Quotation/s shall include the Request for Quotation and/or the Purchase Request Number as state above;
2. Pictures or brand/model names or numbers, if applicable, should be specified in the quotation/s; and
3. Quotation/s must be signed by the company's duly authorized representative.

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, as amended by Government Procurement Policy Board Resolution No. 21-2017 dated 30 May 2017, 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
 - ✓ PhilGEPS Platinum Membership Certificate including Annex "A". If not available, the following alternate documents may be submitted:
 - PhilGEPS Registration Number
 - Mayor's Permit
 - For individuals/professionals engaged under Section 53.6, 53.7 and 53.9 of the 2016 IRR of RA No. 9184, only the Bureau of Internal Revenue (BIR) Certificate of Registration shall be submitted in lieu of the Mayor's Permit.
2. Upon issuance of Notice of Award (NOA)
 - ✓ Omnibus Sworn Statement
 - Applicable only for bidders who have submitted their quotation on item/s with a total Approved Budget for the Contract (ABC) of above Php50,000.00.
 - ✓ Income/Business Tax Return
 - Applicable only for: **a)** bidders who have submitted their quotation on item/s with a total ABC of above Php500,000.00; and **b)** bidders for Lease of Real Property and Venue (except for government agencies as lessors).

For Procurement of Infrastructure

1. The requirements for Goods with the same submission indicated therein; and
2. Valid Philippine Contractors Accreditation Board License.

For Procurement of Consulting Services

1. The requirements for Goods with the same submission indicated therein; and
2. Valid Professional Regulation Commission License or Curriculum Vitae.

NOTE: For new suppliers, submit a BIR Certificate of Registration for accounting purposes.

C. Terms and Conditions

1. Additional requirements, if necessary, may be requested by the BAC depending on the item to be bid;
2. For all kinds of procurement, the bidder who passed the bid evaluation, shall submit a duly notarized Omnibus Sworn Statement upon issuance of NOA, unless otherwise provided;
3. All transactions are subject to creditable withholding tax and final Value Added Tax or percentage tax per revenue regulation/s of the BIR;
4. A penalty of one-tenth of one percent (0.001) of the total value of the undelivered goods/services shall be charged as liquidated damages for every day of delay of the delivery; and
5. The DOST-ASTI reserves the right to accept or reject any proposal, to annul the bidding process, and to reject all proposals at any time prior to contract award, without thereby incurring any liability to the affected proponent or proponents.