



Republic of the Philippines
DEPARTMENT OF SCIENCE AND TECHNOLOGY
ADVANCED SCIENCE AND TECHNOLOGY INSTITUTE



PURCHASE ORDER

ASTI – FM 03-17
REV 4 / 09 June 2025

Supplier:	JASSEN HARRIS INDUSTRIES CORP.	PO No.:	25-07-149
Address:	1063 Tomas Mapua St., Brgy. 329 Zone 33, Sta. Cruz, Manila, 1014	PO Date:	July 14, 2025
TIN:	009-248-102-00000	Mode of Procurement:	NP-53.9 Small Value Procurement

Gentleman:

Please furnish this Office the following articles subject to the terms and conditions contained herein:

Place of Delivery:	ASTI Bldg., C.P. Garcia Ave., U.P. Technology Park Complex, U.P. Campus, Diliman, Quezon City 1101	Delivery Term:	Thirty (30) calendar days upon issuance of NTP
Date of Delivery:		Payment Term:	Government Terms
		Warranty Term:	

Stock / Property No.	Unit	Description	Quantity	Unit Cost	Amount
1	Piece	<p>Laboratory Tool - Honeycomb Workbench</p> <p>1. GENERAL OVERVIEW</p> <p>1.1. DOST-ASTI is seeking qualified and competent bidders for the SUPPLY AND DELIVERY OF ONE (1) PC OF HONEYCOMB WORKBENCH, that serves as the platform where the materials are being placed before slicing them.</p> <p>1.2. The ABC includes all applicable government taxes and services charges.</p> <p>1.3. Classification: Laboratory Tool</p> <p>2. TECHNICAL SPECIFICATIONS</p> <p>2.1. Working Area (± 5 mm):</p> <p>2.1.1. Length: 500 mm</p> <p>2.1.2. Width: 500 mm</p> <p>2.1.3. Thickness: 22 mm</p> <p>2.2. Aluminum Plate (± 5 mm):</p> <p>2.2.1. Length: 500 mm</p> <p>2.2.2. Width: 500 mm</p> <p>2.2.3. Thickness: 1.5 mm</p> <p>2.3. Maximum Cutting Size (± 5 mm):</p> <p>2.3.1. Length: 456 mm</p> <p>2.3.2. Width: 456 mm</p> <p>2.4. Material: Galvanized Iron Frame and Aluminum Alloy Edging</p> <p>3. WARRANTY</p> <p>3.1. Must have at least six (6) months of warranty from the time of delivery which</p>	1	₱3,850.00	₱3,850.00

Postal Address : ASTI Bldg., U.P. Technology Park Complex,
CP Garcia Ave., Diliman, Quezon City 1101
Website : www.asti.dost.gov.ph
Email : info@asti.dost.gov.ph

Tel No. : +632 8249-8500
+632 8426-9755

		<p>covers defects in materials.</p> <p>3.2. Warranty service shall commence from the date of end-user acceptance.</p> <p>3.3. Any replacement service must be successfully performed within fifteen (15) calendar days.</p> <p>4. DELIVERY AND PAYMENT TERMS</p> <p>4.1. The goods must be delivered within thirty (30) calendar days upon issuance of NTP.</p> <p>4.2. Full payment will only be processed once the item is completely delivered, inspected, and accepted by the End-user.</p> <p>4.3. No payment shall be made for the supplies and materials not yet delivered under this contract.</p> <p>(Please see attached quotation.)</p>				
2	Piece	<p>Electromechanical - Underwater Motor(470kV)</p> <p>1. GENERAL OVERVIEW</p> <p>1.1. DOST-ASTI is seeking qualified and competent bidders for the SUPPLY AND DELIVERY OF TWO (2) PCS UNDERWATER MOTOR (470kV), to be used in the propulsion system of the STRIIDER.</p> <p>1.2. The ABC includes all applicable government taxes and services charges.</p> <p>1.3. Will be part of the prototype under the STRIIDER project.</p> <p>2. TECHNICAL SPECIFICATIONS</p> <p>2.1. Maximum Tested Depth (seawater): 300 m / 984 ft</p> <p>2.2. Design Lifetime: 3 years or 300 cycles to rated depth</p> <p>2.3. Operating Voltage: 7 – 20 V</p> <p>2.4. Max Current:(Power):</p> <p>2.4.1. @ 12 V: 17 A (205 W)</p> <p>2.4.2. @ Nominal (16 V): 24 A (390 W)</p> <p>2.4.3. @ Maximum (20 V): 32 A (645 W)</p> <p>2.5. Motor Kv: 470 RPM/V</p> <p>2.6. Stall Torque (theoretical): 0.5 Nm</p> <p>2.7. Physical:</p> <p>2.7.1. Length: 73.6 mm ±3 mm</p> <p>2.7.2. Diameter: 40 mm ±3 mm</p> <p>2.8. Wetted Materials:</p> <p>2.8.1. Polycarbonate 10% glass-filled</p> <p>2.8.2. Epoxy</p> <p>2.8.3. Stainless steel</p> <p>2.8.4. Plastic</p> <p>2.8.5. Polyurethane</p> <p>2.9. Conductor Gauge: 16 AWG</p>	2	₱19,300.00	₱38,600.00	RED

		<p>3. WARRANTY</p> <p>3.1. Must have at least six (6) months of warranty from the time of delivery which covers defects in materials.</p> <p>3.2. Warranty service shall commence from the date of end-user acceptance.</p> <p>3.3. Any replacement service must be successfully performed within fifteen (15) calendar days.</p> <p>4. DELIVERY AND PAYMENT TERMS</p> <p>4.1. The goods must be delivered within thirty (30) calendar days upon issuance of NTP.</p> <p>4.2. Full payment will only be processed once the item is completely delivered, inspected, and accepted by the End-user.</p> <p>4.3. No payment shall be made for the supplies and materials not yet delivered under this contract.</p> <p>(Please see attached quotation.)</p>				
3	Piece	<p>Electromechanical - Electronic Speed Controller(30A)</p> <p>1. GENERAL OVERVIEW</p> <p>1.1. DOST-ASTI is seeking qualified and competent bidders for the SUPPLY AND DELIVERY OF FIVE (5) PCS OF ELECTRONIC SPEED CONTROLLER (30A) to be used in the propulsion subsystem of the STRIIDER.</p> <p>1.2. The ABC includes all applicable government taxes and services charges.</p> <p>1.3. Will be part of the prototype under the STRIIDER project.</p> <p>2. TECHNICAL SPECIFICATIONS</p> <p>2.1. Electrical:</p> <p>2.1.1. Voltage: 7-26 V (2-6S)</p> <p>2.1.2. Max Current: 30A</p> <p>2.2. Physical:</p> <p>2.2.1. Power Connectors: Spade terminals for No. 6 screw</p> <p>2.2.2. Motor Connectors: Tinned wire ends</p> <p>2.2.3. Signal Connector: 3-pin servo connector (0.1" pitch)</p> <p>2.3. Pulse Width Signal:</p> <p>2.3.1. Signal Voltage: 3.3 – 5 V</p> <p>2.3.2. Max Update Rate: 400 Hz</p> <p>2.4. Firmware Defaults:</p> <p>2.4.1. Directionality: Bidirectional</p> <p>3. WARRANTY</p> <p>3.1. Must have at least six (6) months of warranty from the time of delivery which</p>	5	₱4,450.00	₱22,250.00	RED

		<p>covers defects in materials.</p> <p>3.2. Warranty service shall commence from the date of end-user acceptance.</p> <p>3.3. Any replacement service must be successfully performed within fifteen (15) calendar days.</p> <p>4. DELIVERY AND PAYMENT TERMS</p> <p>4.1. The goods must be delivered within thirty (30) calendar days upon issuance of NTP.</p> <p>4.2. Full payment will only be processed once the item is completely delivered, inspected, and accepted by the End-user.</p> <p>4.3. No payment shall be made for the supplies and materials not yet delivered under this contract.</p> <p>(Please see attached quotation.)</p>			
4	Piece	<p>Workshop Consumable - Circular Saw Blade</p> <p>1. GENERAL OVERVIEW</p> <p>1.1. DOST-ASTI is seeking qualified and competent bidders for the SUPPLY AND DELIVERY OF TWO (2) PCS OF CIRCULAR SAW BLADE, to be used to cut various materials needed in the development of the STRIIDER.</p> <p>1.2. The ABC includes all applicable government taxes and services charges.</p> <p>1.3. Classification: Laboratory Supply (Consumable)</p> <p>2. TECHNICAL SPECIFICATIONS</p> <p>2.1. Outer Diameter: 254 mm</p> <p>2.2. Bore with Reduction Ring: 16/20 mm</p> <p>2.3. Width of Cut (b1) (mm) / Base bl. Thickness (b2) (mm): 2.7 / 2</p> <p>2.4. Number of teeth: 120</p> <p>2.5. Tooth Shape: TCG</p> <p>2.6. Maximum Rotation Speed (RPM): 6000</p> <p>2.7. Cutting Result: Fine Cut</p> <p>2.8. Angle:</p> <p>2.8.1. Hook: -5°</p> <p>2.8.2. Relief: 15°</p> <p>3. WARRANTY</p> <p>3.1. Must have at least six (6) months of warranty from the time of delivery which covers defects in materials.</p> <p>3.2. Warranty service shall commence from the date of end-user acceptance.</p> <p>3.3. Any replacement service must be successfully performed within fifteen (15) calendar days.</p>	2	₱2,935.00	₱5,870.00

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		<p>4. DELIVERY AND PAYMENT TERMS</p> <p>4.1. The goods must be delivered within thirty (30) calendar days upon issuance of NTP.</p> <p>4.2. Full payment will only be processed once the item is completely delivered, inspected, and accepted by the End-user.</p> <p>4.3. No payment shall be made for the supplies and materials not yet delivered under this contract.</p> <p>(Please see attached quotation.)</p>			
5	Piece	<p>Computer Accessory - Micro SD Card</p> <p>1. GENERAL OVERVIEW</p> <p>1.1. DOST-ASTI is seeking qualified and competent bidders for the SUPPLY AND DELIVERY OF THREE (3) PCS OF MICRO SD CARD, to be used for storing CAD designs, codes and files under the STRIIDER project.</p> <p>1.2. The ABC includes all applicable government taxes and services charges.</p> <p>1.3. Classification: Laboratory Tool</p> <p>2. TECHNICAL SPECIFICATIONS</p> <p>2.1. Capacity: 256 GB</p> <p>2.2. Speed:</p> <p>2.2.1. Read: Up to 180MB/s</p> <p>2.2.2. Write: Up to 130MB/s</p> <p>3. WARRANTY</p> <p>3.1. Must have at least six (6) months of warranty from the time of delivery which covers defects in materials.</p> <p>3.2. Warranty service shall commence from the date of end-user acceptance.</p> <p>3.3. Any replacement service must be successfully performed within fifteen (15) calendar days.</p> <p>4. DELIVERY AND PAYMENT TERMS</p> <p>4.1. The goods must be delivered within thirty (30) calendar days upon issuance of NTP.</p> <p>4.2. Full payment will only be processed once the item is completely delivered, inspected, and accepted by the End-user.</p> <p>4.3. No payment shall be made for the supplies and materials not yet delivered under this contract.</p> <p>(Please see attached quotation.)</p>	3	₱2,800.00	₱8,400.00

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6	Piece	<p>Laboratoty Tool - Power Bank</p> <p>1. GENERAL OVERVIEW</p> <p>1.1. DOST-ASTI is seeking qualified and competent bidders for the SUPPLY AND DELIVERY OF THREE (3) PCS OF POWER BANK, to be used to power the various subsystems being tested under the STRIIIDER project especially during remote and field testing.</p> <p>1.2. The ABC includes all applicable government taxes and services charges.</p> <p>1.3. Classification: Laboratory Tool</p> <p>2. TECHNICAL SPECIFICATIONS</p> <p>2.1. Capacity: 20,000 mAh</p> <p>2.2. Output: 200 W</p> <p>2.3. Charge Speed: 100 W rapid recharge via the USB-C port</p> <p>3. WARRANTY</p> <p>3.1. Must have at least six (6) months of warranty from the time of delivery which covers defects in materials.</p> <p>3.2. Warranty service shall commence from the date of end-user acceptance.</p> <p>3.3. Any replacement service must be successfully performed within fifteen (15) calendar days.</p> <p>4. DELIVERY AND PAYMENT TERMS</p> <p>4.1. The goods must be delivered within thirty (30) calendar days upon issuance of NTP.</p> <p>4.2. Full payment will only be processed once the item is completely delivered, inspected, and accepted by the End-user.</p> <p>4.3. No payment shall be made for the supplies and materials not yet delivered under this contract.</p> <p>(Please see attached quotation.)</p>	3	P10,950.00	P32,850.00	semi of
7	Piece	<p>Breakout Board - DC Motor Driver</p> <p>1. GENERAL OVERVIEW</p> <p>1.1. DOST-ASTI is seeking qualified and competent bidders for the SUPPLY AND DELIVERY OF TWO (2) PCS OF DC MOTOR DRIVER, to be used in the propulsion subsystem of the STRIIIDER.</p> <p>1.2. The ABC includes all applicable government taxes and services charges.</p> <p>1.3. Will be part of the prototype under the STRIIIDER project.</p>	2	P7,310.00	P14,620.00	RED

		<p>2. TECHNICAL SPECIFICATIONS</p> <p>2.1. Up to 24 V in: 12 A continuous, 25 A peak per channel</p> <p>2.1.1. 24 V in:</p> <p>2.1.1.1. 10 A continuous,</p> <p>2.1.1.2. 12 A continuous with additional heatsinking/airflow,</p> <p>2.1.1.3. 25 A peak per channel</p> <p>2.2. Synchronous regenerative drive</p> <p>2.3. Ultra-sonic switching frequency</p> <p>2.4. Thermal and overcurrent protection</p> <p>2.5. Lithium protection mode</p> <p>3. WARRANTY</p> <p>3.1. Must have at least six (6) months of warranty from the time of delivery which covers defects in materials.</p> <p>3.2. Warranty service shall commence from the date of end-user acceptance.</p> <p>3.3. Any replacement service must be successfully performed within fifteen (15) calendar days.</p> <p>4. DELIVERY AND PAYMENT TERMS</p> <p>4.1. The goods must be delivered within thirty (30) calendar days upon issuance of NTP.</p> <p>4.2. Full payment will only be processed once the item is completely delivered, inspected, and accepted by the End-user.</p> <p>4.3. No payment shall be made for the supplies and materials not yet delivered under this contract.</p> <p>(Please see attached quotation.)</p>				
8	Set	<p>Hand Tool - Cordless Rotary Tool / Die Grinder</p> <p>1. GENERAL OVERVIEW</p> <p>1.1. DOST-ASTI is seeking qualified and competent bidders for the SUPPLY AND DELIVERY OF ONE (1) SET OF CORDLESS ROTARY TOOL / DIE GRINDER, to be used for assembling of the STRIIDER.</p> <p>1.2. The ABC includes all applicable government taxes and services charges.</p> <p>1.3. Classification: Laboratory Tool</p> <p>2. TECHNICAL SPECIFICATIONS</p> <p>2.1. Rated Voltage: 12 V</p> <p>2.2. No-load Speed: 8000 – 32000/ min</p> <p>2.3. Max Collet Diameter: 3.2 mm</p> <p>2.4. With type C charging port</p> <p>3. PACKAGE INCLUSION</p> <p>3.1. One (1) pc 1.5 Ah Battery (No charger)</p>	1	₱7,150.00	₱7,150.00	Semi DE

		<p>3.2. Eight (8) pcs Grinding Wheel with Shank</p> <p>3.3. Three (3) pcs Diamond Bits</p> <p>3.4. One (1) pc HSS Cutter</p> <p>3.5. Two (2) pcs HSS Drill Bits</p> <p>3.6. One (1) pc Mandrel for Cut off Wheels</p> <p>3.7. One (1) pc Mandrel for Felt Wheels</p> <p>3.8. One (1) pc Steel Brush</p> <p>3.9. Six (6) pcs Sanding Band</p> <p>3.10. One (1) pc ø3.2mm Sanding Shank</p> <p>3.11. Four (4) pcs Felt Wheel</p> <p>3.12. 30 pcs Cut Off Wheel</p> <p>3.13. 40 pcs Sanding Paper</p> <p>3.14. One (1) pc Spanner</p> <p>3.15. One (1) pc Collett</p> <p>4. WARRANTY</p> <p>4.1. Must have at least six (6) months of warranty from the time of delivery which covers defects in materials.</p> <p>4.2. Warranty service shall commence from the date of end-user acceptance.</p> <p>4.3. Any replacement service must be successfully performed within fifteen (15) calendar days.</p> <p>5. DELIVERY AND PAYMENT TERMS</p> <p>5.1. The goods must be delivered within thirty (30) calendar days upon issuance of NTP.</p> <p>5.2. Full payment will only be processed once the item is completely delivered, inspected, and accepted by the End-user.</p> <p>5.3. No payment shall be made for the supplies and materials not yet delivered under this contract.</p> <p>(Please see attached quotation.)</p>				
9	Piece	<p>Sensor - I2C Ultrasonic Sensor</p> <p>1. GENERAL OVERVIEW</p> <p>1.1. DOST-ASTI is seeking qualified and competent bidders for the SUPPLY AND DELIVERY OF THREE (3) PCS OF I2C ULTRASONIC SENSOR, to be used in collision avoidance of the STRIIDER.</p> <p>1.2. The ABC includes all applicable government taxes and services charges.</p> <p>1.3. Will be part of the prototype under the STRIIDER project.</p> <p>2. TECHNICAL SPECIFICATIONS</p> <p>2.1. Range: 20 cm – 765 cm</p> <p>2.2. Read Rate: Up to a 40 Hz</p> <p>2.3. Interface: I2C output</p> <p>2.4. Resolution: 1 cm</p>	3	₱9,750.00	₱29,250.00	Rtd

		<p>2.5. Control up to 127 sensors using two wires</p> <p>2.6. Average Current: 3.4mA</p> <p>3. WARRANTY</p> <p>3.1. Must have at least six (6) months of warranty from the time of delivery which covers defects in materials.</p> <p>3.2. Warranty service shall commence from the date of end-user acceptance.</p> <p>3.3. Any replacement service must be successfully performed within fifteen (15) calendar days.</p> <p>4. DELIVERY AND PAYMENT TERMS</p> <p>4.1. The goods must be delivered within thirty (30) calendar days upon issuance of NTP.</p> <p>4.2. Full payment will only be processed once the item is completely delivered, inspected, and accepted by the End-user.</p> <p>4.3. No payment shall be made for the supplies and materials not yet delivered under this contract.</p> <p>(Please see attached quotation.)</p>			
10	Piece	<p>Cable Assembly - HDMI Male to HDMI Male Cable</p> <p>1. GENERAL OVERVIEW</p> <p>1.1. DOST-ASTI is seeking qualified and competent bidders for the SUPPLY AND DELIVERY OF ONE (1) PC OF HDMI MALE TO HDMI MALE CABLE, to be used as cable interface during testing of the STRIIDER.</p> <p>1.2. The ABC includes all applicable government taxes and services charges.</p> <p>1.3. Classification: Laboratory Tool</p> <p>2. TECHNICAL SPECIFICATIONS</p> <p>2.1. Connector: HDMI Standard</p> <p>2.2. Version: HDMI 2.1</p> <p>2.3. Resolution: 8K @ 60Hz</p> <p>2.4. Conductor: Pure Copper</p> <p>3. WARRANTY</p> <p>3.1. Must have at least six (6) months of warranty from the time of delivery which covers defects in materials.</p> <p>3.2. Warranty service shall commence from the date of end-user acceptance.</p> <p>3.3. Any replacement service must be successfully performed within fifteen (15) calendar days.</p>	1	P625.00	P625.00

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		<p>4. DELIVERY AND PAYMENT TERMS</p> <p>4.1. The goods must be delivered within thirty (30) calendar days upon issuance of NTP.</p> <p>4.2. Full payment will only be processed once the item is completely delivered, inspected, and accepted by the End-user.</p> <p>4.3. No payment shall be made for the supplies and materials not yet delivered under this contract.</p> <p>(Please see attached quotation.)</p>				
11	Piece	<p>Sensor - High Resolution Ultrasonic sensor</p> <p>1. GENERAL OVERVIEW</p> <p>1.1. DOST-ASTI is seeking qualified and competent bidders for the SUPPLY AND DELIVERY OF THREE (3) PCS OF HIGH RESOLUTION ULTRASONIC SENSOR, to be used in the collision avoidance of the STRIIDER.</p> <p>1.2. The ABC includes all applicable government taxes and services charges.</p> <p>1.3. Will be part of the prototype under the STRIIDER project.</p> <p>2. TECHNICAL SPECIFICATIONS</p> <p>2.1. Range: 500 – 5000 mm</p> <p>2.2. Read Rate: 6 Hz</p> <p>2.3. Pulse-width, analog voltage, and TTL serial output</p> <p>2.4. Uses filtering to prevent rapid changes in readings</p> <p>2.5. Filter resets at 2% window</p> <p>2.6. Resolution: 1 mm</p> <p>2.7. Average Current: Low 3.1 mA</p> <p>3. WARRANTY</p> <p>3.1. Must have at least six (6) months of warranty from the time of delivery which covers defects in materials.</p> <p>3.2. Warranty service shall commence from the date of end-user acceptance.</p> <p>3.3. Any replacement service must be successfully performed within fifteen (15) calendar days.</p> <p>4. DELIVERY AND PAYMENT TERMS</p> <p>4.1. The goods must be delivered within thirty (30) calendar days upon issuance of NTP.</p> <p>4.2. Full payment will only be processed once the item is completely delivered, inspected, and accepted by the End-user.</p>	3	₱14,350.00	₱43,050.00	RED

		<p>4.3. No payment shall be made for the supplies and materials not yet delivered under this contract.</p> <p>(Please see attached quotation.)</p>				
12	Piece	<p>Sensor - Serial Command Ultrasonic Sensor</p> <p>1. GENERAL OVERVIEW</p> <p>1.1. DOST-ASTI is seeking qualified and competent bidders for the SUPPLY AND DELIVERY OF THREE (3) PCS SERIAL COMMAND ULTRASONIC SENSOR to be used in collision avoidance.</p> <p>1.2. The ABC includes all applicable government taxes and services charges.</p> <p>1.3. Will be part of the prototype under STRIIIDER.</p> <p>2. TECHNICAL SPECIFICATIONS</p> <p>2.1. Range: 500 – 9999 mm</p> <p>2.2. Read Rate: 0.6 Hz read rate</p> <p>2.3. Pulse-width, analog voltage, and TTL serial</p> <p>2.4. Resolution: 1 mm</p> <p>2.5. Self-cleaning transducer</p> <p>2.6. Average Current: 68mA</p> <p>3. WARRANTY</p> <p>3.1. Must have at least six (6) months of warranty from the time of delivery which covers defects in materials.</p> <p>3.2. Warranty service shall commence from the date of end-user acceptance.</p> <p>3.3. Any replacement service must be successfully performed within fifteen (15) calendar days.</p> <p>4. DELIVERY AND PAYMENT TERMS</p> <p>4.1. The goods must be delivered within thirty (30) calendar days upon issuance of NTP.</p> <p>4.2. Full payment will only be processed once the item is completely delivered, inspected, and accepted by the End-user.</p> <p>4.3. No payment shall be made for the supplies and materials not yet delivered under this contract.</p> <p>(Please see attached quotation.)</p>	3	P16,750.00	P50,250.00	REP
13	Piece	<p>Electronic Component - Battery Disconnect Switch</p> <p>1. GENERAL OVERVIEW</p> <p>1.1. DOST-ASTI is seeking qualified and</p>	1	P6,750.00	P6,750.00	REP

	<p>competent bidders for the SUPPLY AND DELIVERY OF ONE (1) PC OF BATTERY DISCONNECT SWITCH, to be used as an emergency stop button and switch for the power distribution of the STRIIIDER.</p> <p>1.2. The ABC includes all applicable government taxes and services charges.</p> <p>1.3. Will be part of the prototype under the STRIIIDER project.</p> <p>2. TECHNICAL SPECIFICATIONS</p> <p>2.1. Max Voltage Rating: 24V</p> <p>2.2. Current Rating Continuous: 150A</p> <p>2.3. Circuitry: DPST</p> <p>2.4. Operating Temp Range: -30°C / +60°C</p> <p>2.5. Housing: Plastic</p> <p>2.6. Mounting Method: 2 * Ø6.5mm + 1 * Ø25.5mm</p> <p>2.7. Mounting Stem: Ø24.6mm</p> <p>2.8. Ingress Protection: IP65 / IPX9K</p> <p>2.9. Current Rating Inrush: 1200A</p> <p>2.10. Actuator: Knob</p> <p>2.11. Normal Position: OFF</p> <p>2.12. Output Terminals: 2xM10 + 4xFlat Terminals</p> <p>2.13. Push Button Knob Color: Red</p> <p>2.14. Label: Switch status through a built-in window</p> <p>3. PACKAGE INCLUSION (IF APPLICABLE)</p> <p>3.1. 2xM10 bolts and washers</p> <p>4. WARRANTY</p> <p>4.1. Must have at least six (6) months of warranty from the time of delivery which covers defects in materials.</p> <p>4.2. Warranty service shall commence from the date of end-user acceptance.</p> <p>4.3. Any replacement service must be successfully performed within fifteen (15) calendar days.</p> <p>5. DELIVERY AND PAYMENT TERMS</p> <p>5.1. The goods must be delivered within thirty (30) calendar days upon issuance of NTP.</p> <p>5.2. Full payment will only be processed once the item is completely delivered, inspected, and accepted by the End-user.</p> <p>5.3. No payment shall be made for the supplies and materials not yet delivered under this contract.</p> <p>(Please see attached quotation.)</p>			
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14	Piece	<p>Workshop Consumable - Carbon Fiber Tube (30mm)</p> <p>1. GENERAL OVERVIEW</p> <p>1.1. DOST-ASTI is seeking qualified and competent bidders for the SUPPLY AND DELIVERY OF FIVE (5) PCS OF CARBON FIBER TUBE (30MM), to be used during the initial assembly of the STRIIDER.</p> <p>1.2. The ABC includes all applicable government taxes and services charges.</p> <p>1.3. Classification: Laboratory Supply (Consumable)</p> <p>2. TECHNICAL SPECIFICATIONS</p> <p>2.1. Material: 100% Carbon fiber</p> <p>2.2. Size:</p> <p>2.2.1. OD: 30 mm</p> <p>2.2.2. ID: 26 mm</p> <p>2.2.3. Length: 1000 mm</p> <p>2.3. Finish: Plain glossy</p> <p>3. WARRANTY</p> <p>3.1. Must have at least six (6) months of warranty from the time of delivery which covers defects in materials.</p> <p>3.2. Warranty service shall commence from the date of end-user acceptance.</p> <p>3.3. Any replacement service must be successfully performed within fifteen (15) calendar days.</p> <p>4. DELIVERY AND PAYMENT TERMS</p> <p>4.1. The goods must be delivered within thirty (30) calendar days upon issuance of NTP.</p> <p>4.2. Full payment will only be processed once the item is completely delivered, inspected, and accepted by the End-user.</p> <p>4.3. No payment shall be made for the supplies and materials not yet delivered under this contract.</p> <p>(Please see attached quotation.)</p>	5	₱2,950.00	₱14,750.00
15	Piece	<p>Workshop Consumable - Smooth Shaft/Rod (6mm)</p> <p>1. GENERAL OVERVIEW</p> <p>1.1. DOST-ASTI is seeking qualified and competent bidders for the SUPPLY AND DELIVERY OF TEN (10) PCS OF SMOOTH SHAFT/ROD (6MM), to be used during the initial assembly of the STRIIDER.</p> <p>1.2. The ABC includes all applicable government taxes and services charges.</p> <p>1.3. Classification: Laboratory Supply</p>	10	₱640.00	₱6,400.00

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		<p>(Consumable)</p> <p>2. TECHNICAL SPECIFICATIONS</p> <p>2.1. Material: 100% Carbon fiber</p> <p>2.2. Size:</p> <p>2.2.1. OD: 6 mm</p> <p>2.2.2. ID: 4 mm</p> <p>2.2.3. Length: 500 mm</p> <p>2.3. Finish: Plain glossy</p> <p>3. WARRANTY</p> <p>3.1. Must have at least six (6) months of warranty from the time of delivery which covers defects in materials.</p> <p>3.2. Warranty service shall commence from the date of end-user acceptance.</p> <p>3.3. Any replacement service must be successfully performed within fifteen (15) calendar days.</p> <p>4. DELIVERY AND PAYMENT TERMS</p> <p>4.1. The goods must be delivered within thirty (30) calendar days upon issuance of NTP.</p> <p>4.2. Full payment will only be processed once the item is completely delivered, inspected, and accepted by the End-user.</p> <p>4.3. No payment shall be made for the supplies and materials not yet delivered under this contract.</p> <p>(Please see attached quotation.)</p>				
16	Piece	<p>Workshop Consumable - Smooth Shaft/Rod (8mm)</p> <p>1. GENERAL OVERVIEW</p> <p>1.1. DOST-ASTI is seeking qualified and competent bidders for the SUPPLY AND DELIVERY OF TEN (10) PCS OF SMOOTH SHAFT/ROD (8MM), to be used during the initial assembly of the STRIIDER.</p> <p>1.2. The ABC includes all applicable government taxes and services charges.</p> <p>1.3. Classification: Laboratory Supply (Consumable)</p> <p>2. TECHNICAL SPECIFICATIONS</p> <p>2.1. Material: 100% Carbon fiber</p> <p>2.2. Size:</p> <p>2.2.1. OD: 8 mm</p> <p>2.2.2. ID: 6 mm</p> <p>2.2.3. Length: 500 mm</p> <p>2.3. Finish: Plain glossy</p> <p>3. WARRANTY</p> <p>3.1. Must have at least six (6) months of warranty from the time of delivery which</p>	10	₱710.00	₱7,100.00	Other Sup

		<p>covers defects in materials.</p> <p>3.2. Warranty service shall commence from the date of end-user acceptance.</p> <p>3.3. Any replacement service must be successfully performed within fifteen (15) calendar days.</p> <p>4. DELIVERY AND PAYMENT TERMS</p> <p>4.1. The goods must be delivered within thirty (30) calendar days upon issuance of NTP.</p> <p>4.2. Full payment will only be processed once the item is completely delivered, inspected, and accepted by the End-user.</p> <p>4.3. No payment shall be made for the supplies and materials not yet delivered under this contract.</p> <p>(Please see attached quotation.)</p>			
17	Piece	<p>Hand Tool - Digital Calliper</p> <p>1. GENERAL OVERVIEW</p> <p>1.1. DOST-ASTI is seeking qualified and competent bidders for the SUPPLY AND DELIVERY OF TWO (2) PCS OF DIGITAL CALLIPER, to be used in measuring components needed for the STRIIDER project.</p> <p>1.2. The ABC includes all applicable government taxes and services charges.</p> <p>1.3. Classification: Hand Tool</p> <p>2. TECHNICAL SPECIFICATIONS</p> <p>2.1. Accuracy: 0.03 mm</p> <p>2.2. Resolution: 0.0005 in, 0.01 mm</p> <p>2.3. Repeatability: 0.01 mm / 0.0005 in</p> <p>2.4. Power: One (1) x Silver Oxide Battery (SR44)</p> <p>2.5. Mechanical: Capacity: 150 mm</p> <p>2.6. Jaw Length:</p> <p>2.6.1. External: 40 mm</p> <p>2.6.2. Internal: 18 mm</p> <p>2.7. Accuracy Jaws:</p> <p>2.7.1. External: ± 0.02 mm</p> <p>2.7.2. Internal: ± 0.02 mm</p> <p>3. WARRANTY</p> <p>3.1. Must have at least six (6) months of warranty from the time of delivery which covers defects in materials.</p> <p>3.2. Warranty service shall commence from the date of end-user acceptance.</p> <p>3.3. Any replacement service must be</p>	2	₱5,900.00	₱11,800.00

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		<p>successfully performed within fifteen (15) calendar days.</p> <p>4. DELIVERY AND PAYMENT TERMS</p> <p>4.1. The goods must be delivered within thirty (30) calendar days upon issuance of NTP.</p> <p>4.2. Full payment will only be processed once the item is completely delivered, inspected, and accepted by the End-user.</p> <p>4.3. No payment shall be made for the supplies and materials not yet delivered under this contract.</p> <p>(Please see attached quotation.)</p>			
18	Pack	<p>Mechanical Fastener - Hex Flat Countersunk Head Bolt (M6x80)</p> <p>1. GENERAL OVERVIEW</p> <p>1.1. DOST-ASTI is seeking qualified and competent bidders for the SUPPLY AND DELIVERY OF TWENTY-FIVE (25) PACKS OF HEX FLAT COUNTERSUNK HEAD BOLT (M6X80), to be used during initial research and assembly of the STRIIDER.</p> <p>1.2. The ABC includes all applicable government taxes and services charges.</p> <p>1.3. Classification: Laboratory Supply (Consumable)</p> <p>2. TECHNICAL SPECIFICATIONS</p> <p>2.1. Material : 304 stainless steel</p> <p>2.2. Surface: Untreated</p> <p>2.3. Size:</p> <p>2.3.1. OD: M6</p> <p>2.3.2. Length: 80 mm</p> <p>2.4. Two (2) pcs per pack</p> <p>3. WARRANTY</p> <p>3.1. Must have at least six (6) months of warranty from the time of delivery which covers defects in materials.</p> <p>3.2. Warranty service shall commence from the date of end-user acceptance.</p> <p>3.3. Any replacement service must be successfully performed within fifteen (15) calendar days.</p> <p>4. DELIVERY AND PAYMENT TERMS</p> <p>4.1. The goods must be delivered within thirty (30) calendar days upon issuance of NTP.</p> <p>4.2. Full payment will only be processed once the item is completely delivered, inspected, and accepted by the End-user.</p>	25	₱155.00	₱3,875.00

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		<p>4.3. No payment shall be made for the supplies and materials not yet delivered under this contract.</p> <p>(Please see attached quotation.)</p>			
19	Pack	<p>Mechanical Fastener - Hex Flat Countersunk Head Bolt (M6x100)</p> <p>1. GENERAL OVERVIEW</p> <p>1.1. DOST-ASTI is seeking qualified and competent bidders for the SUPPLY AND DELIVERY OF TWENTY-FIVE (25) PACKS OF HEX FLAT COUNTERSUNK HEAD BOLT (M6X100), to be used during initial research and assembly of the STRIIDER.</p> <p>1.2. The ABC includes all applicable government taxes and services charges.</p> <p>1.3. Classification: Laboratory Supply (Consumable)</p> <p>2. TECHNICAL SPECIFICATIONS</p> <p>2.1. Material : 304 stainless steel</p> <p>2.2. Surface: Untreated</p> <p>2.3. Size:</p> <p>2.3.1. OD: M6</p> <p>2.3.2. Length: 100 mm</p> <p>2.4. Two (2) pcs per pack</p> <p>3. WARRANTY</p> <p>3.1. Must have at least six (6) months of warranty from the time of delivery which covers defects in materials.</p> <p>3.2. Warranty service shall commence from the date of end-user acceptance.</p> <p>3.3. Any replacement service must be successfully performed within fifteen (15) calendar days.</p> <p>4. DELIVERY AND PAYMENT TERMS</p> <p>4.1. The goods must be delivered within thirty (30) calendar days upon issuance of NTP.</p> <p>4.2. Full payment will only be processed once the item is completely delivered, inspected, and accepted by the End-user.</p> <p>4.3. No payment shall be made for the supplies and materials not yet delivered under this contract.</p> <p>(Please see attached quotation.)</p>	25	P190.00	P4,750.00
20	Pack	<p>Mechanical Fastener - Hex Socket Head Cap Bolts (M3x35)</p> <p>1. GENERAL OVERVIEW</p> <p>1.1. DOST-ASTI is seeking qualified and competent bidders for the SUPPLY AND</p>	10	P100.00	P1,000.00

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		<p>DELIVERY OF TEN (10) PACKS OF HEX SOCKET HEAD CAP BOLTS (M3X35), to be used during initial research and assembly of the STRIIIDER.</p> <p>1.2. The ABC includes all applicable government taxes and services charges.</p> <p>1.3. Classification: Laboratory Supply (Consumable)</p> <p>2. TECHNICAL SPECIFICATIONS</p> <p>2.1. Size:</p> <p>2.1.1. OD: M3</p> <p>2.1.2. Length: 35 mm</p> <p>2.2. Head Type: Cup Head Hexagon Socket</p> <p>2.3. Partially threaded</p> <p>2.4. Five (5) pcs per pack</p> <p>3. WARRANTY</p> <p>3.1. Must have at least six (6) months of warranty from the time of delivery which covers defects in materials.</p> <p>3.2. Warranty service shall commence from the date of end-user acceptance.</p> <p>3.3. Any replacement service must be successfully performed within fifteen (15) calendar days.</p> <p>4. DELIVERY AND PAYMENT TERMS</p> <p>4.1. The goods must be delivered within thirty (30) calendar days upon issuance of NTP.</p> <p>4.2. Full payment will only be processed once the item is 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>(Please see attached quotation.)</p>			
21	Pack	<p>Mechanical Fastener - Hex Socket Head Cap Bolts (M3x40)</p> <p>1. GENERAL OVERVIEW</p> <p>1.1. DOST-ASTI is seeking qualified and competent bidders for the SUPPLY AND DELIVERY OF TEN (10) PACKS OF HEX SOCKET HEAD CAP BOLTS (M3X40), to be used during initial research and assembly of the STRIIIDER.</p> <p>1.2. The ABC includes all applicable government taxes and services charges.</p> <p>1.3. Classification: Laboratory Supply (Consumable)</p> <p>2. TECHNICAL SPECIFICATIONS</p>	10	P120.00	P1,200.00

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		<p>2.1. Size:</p> <p>2.1.1. OD: M3</p> <p>2.1.2. Length: 40 mm</p> <p>2.2. Head Type: Cup Head Hexagon Socket</p> <p>2.3. Partially threaded</p> <p>2.4. 5 pcs per pack</p> <p>3. WARRANTY</p> <p>3.1. Must have at least six (6) months of warranty from the time of delivery which covers defects in materials.</p> <p>3.2. Warranty service shall commence from the date of end-user acceptance.</p> <p>3.3. Any replacement service must be successfully performed within fifteen (15) calendar days.</p> <p>4. DELIVERY AND PAYMENT TERMS</p> <p>4.1. The goods must be delivered within thirty (30) calendar days upon issuance of NTP.</p> <p>4.2. Full payment will only be processed once the item is completely delivered, inspected, and accepted by the End-user.</p> <p>4.3. No payment shall be made for the supplies and materials not yet delivered under this contract.</p> <p>(Please see attached quotation.)</p>				
22	Piece	<p>Laboratory Tool - USB to TTL</p> <p>1. GENERAL OVERVIEW</p> <p>1.1. DOST-ASTI is seeking qualified and competent bidders for the SUPPLY AND DELIVERY OF FIVE (5) PCS OF USB TO TTL, to be used to connect various boards and modules with UART interface into a laptop during laboratory testing.</p> <p>1.2. The ABC includes all applicable government taxes and services charges.</p> <p>1.3. Classification: Laboratory Tool</p> <p>2. TECHNICAL SPECIFICATIONS</p> <p>2.1. Baud Rates: 300 – 921600 bps</p> <p>2.2. Bytes Receive Buffer: 640 Bytes Transmit Buffer</p> <p>2.3. USB Type: 2.0</p> <p>2.4. Supports Windows 98SE, 2000, XP, Vista, Window7, Mac OS 9, Mac OS X & Linux 2.40</p> <p>3. WARRANTY</p> <p>3.1. Must have at least six (6) months of warranty from the time of delivery which covers defects in materials.</p>	5	P200.00	P1,000.00	10% Off Supp

		<p>3.2. Warranty service shall commence from the date of end-user acceptance.</p> <p>3.3. Any replacement service must be successfully performed within fifteen (15) calendar days.</p> <p>4. DELIVERY AND PAYMENT TERMS</p> <p>4.1. The goods must be delivered within thirty (30) calendar days upon issuance of NTP.</p> <p>4.2. Full payment will only be processed once the item is completely delivered, inspected, and accepted by the End-user.</p> <p>4.3. No payment shall be made for the supplies and materials not yet delivered under this contract.</p> <p>(Please see attached quotation.)</p>			
23	Piece	<p>Workshop Consumable - Acrylic Sheet Black (3mm)</p> <p>1. GENERAL OVERVIEW</p> <p>1.1. DOST-ASTI is seeking qualified and competent bidders for the SUPPLY AND DELIVERY OF THREE (3) PCS OF ACRYLIC SHEET BLACK (3MM), to be used during initial research and assembly of the STRIIDER.</p> <p>1.2. The ABC includes all applicable government taxes and services charges.</p> <p>1.3. Classification: Laboratory Supply (Consumable)</p> <p>2. TECHNICAL SPECIFICATIONS</p> <p>2.1. Size:</p> <p>2.1.1. Height: 60 cm</p> <p>2.1.2. Width: 90 cm</p> <p>2.1.3. Thickness: 3 mm</p> <p>2.2. Color: Black</p> <p>3. WARRANTY</p> <p>3.1. Must have at least six (6) months of warranty from the time of delivery which covers defects in materials.</p> <p>3.2. Warranty service shall commence from the date of end-user acceptance.</p> <p>3.3. Any replacement service must be successfully performed within fifteen (15) calendar days.</p> <p>4. DELIVERY AND PAYMENT TERMS</p> <p>4.1. The goods must be delivered within thirty (30) calendar days upon issuance of NTP.</p>	3	P1,455.00	P4,365.00

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		<p>4.2. Full payment will only be processed once the item is completely delivered, inspected, and accepted by the End-user.</p> <p>4.3. No payment shall be made for the supplies and materials not yet delivered under this contract.</p> <p>(Please see attached quotation.)</p>			
24	Piece	<p>Workshop Consumable - Acrylic Sheet Black (4.5mm)</p> <p>1. GENERAL OVERVIEW</p> <p>1.1. DOST-ASTI is seeking qualified and competent bidders for the SUPPLY AND DELIVERY OF THREE (3) PCS OF ACRYLIC SHEET BLACK (4.5MM), to be used during initial research and assembly of the STRIIDER.</p> <p>1.2. The ABC includes all applicable government taxes and services charges.</p> <p>1.3. Classification: Laboratory Supply (Consumable)</p> <p>2. TECHNICAL SPECIFICATIONS</p> <p>2.1. Size:</p> <p>2.1.1. Height: 60 cm</p> <p>2.1.2. Width: 90 cm</p> <p>2.1.3. Thickness: 4.5 mm</p> <p>2.2. Color: Black</p> <p>3. WARRANTY</p> <p>3.1. Must have at least six (6) months of warranty from the time of delivery which covers defects in materials.</p> <p>3.2. Warranty service shall commence from the date of end-user acceptance.</p> <p>3.3. Any replacement service must be successfully performed within fifteen (15) calendar days.</p> <p>4. DELIVERY AND PAYMENT TERMS</p> <p>4.1. The goods must be delivered within thirty (30) calendar days upon issuance of NTP.</p> <p>4.2. Full payment will only be processed once the item is completely delivered, inspected, and accepted by the End-user.</p> <p>4.3. No payment shall be made for the supplies and materials not yet delivered under this contract.</p> <p>(Please see attached quotation.)</p>	3	₱2,200.00	₱6,600.00

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25	Piece	<p>Workshop Consumable - Acrylic Sheet Black (6mm)</p> <p>1. GENERAL OVERVIEW</p> <p>1.1. DOST-ASTI is seeking qualified and competent bidders for the SUPPLY AND DELIVERY OF THREE (3) PCS OF ACRYLIC SHEET BLACK (6MM), to be used during initial research and assembly of the STRIIDER.</p> <p>1.2. The ABC includes all applicable government taxes and services charges.</p> <p>1.3. Classification: Laboratory Supply (Consumable)</p> <p>2. TECHNICAL SPECIFICATIONS</p> <p>2.1. Size:</p> <p>2.1.1. Height: 60 cm</p> <p>2.1.2. Width: 90 cm</p> <p>2.1.3. Thickness: 6 mm</p> <p>2.2. Color: Black</p> <p>3. WARRANTY</p> <p>3.1. Must have at least six (6) months of warranty from the time of delivery which covers defects in materials.</p> <p>3.2. Warranty service shall commence from the date of end-user acceptance.</p> <p>3.3. Any replacement service must be successfully performed within fifteen (15) calendar days.</p> <p>4. DELIVERY AND PAYMENT TERMS</p> <p>4.1. The goods must be delivered within thirty (30) calendar days upon issuance of NTP.</p> <p>4.2. Full payment will only be processed once the item is completely delivered, inspected, and accepted by the End-user.</p> <p>4.3. No payment shall be made for the supplies and materials not yet delivered under this contract.</p> <p>(Please see attached quotation.)</p>	3	₱3,100.00	₱9,300.00
26	Pack	<p>Mechanical Fastener - Lock Washer (3mm)</p> <p>1. GENERAL OVERVIEW</p> <p>1.1. DOST-ASTI is seeking qualified and competent bidders for the SUPPLY AND DELIVERY OF ONE (1) PACK OF LOCK WASHER (3MM), to be used during initial research and assembly of the STRIIDER.</p> <p>1.2. The ABC includes all applicable government taxes and services charges.</p>	1	₱145.00	₱145.00

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	<p>1.3. Classification: Laboratory Supply (Consumable)</p> <p>2. TECHNICAL SPECIFICATIONS</p> <p>2.1. Material: 304 Stainless Steel</p> <p>2.2. Size: 3 mm</p> <p>2.3. 200 per pack</p> <p>3. WARRANTY</p> <p>3.1. Must have at least six (6) months of warranty from the time of delivery which covers defects in materials.</p> <p>3.2. Warranty service shall commence from the date of end-user acceptance.</p> <p>3.3. Any replacement service must be successfully performed within fifteen (15) calendar days.</p> <p>4. DELIVERY AND PAYMENT TERMS</p> <p>4.1. The goods must be delivered within thirty (30) calendar days upon issuance of NTP.</p> <p>4.2. Full payment will only be processed once the item is completely delivered, inspected, and accepted by the End-user.</p> <p>4.3. No payment shall be made for the supplies and materials not yet delivered under this contract.</p> <p>(Please see attached quotation.)</p>			
			TOTAL:	₱335,800.00
(Total Amount in Words)			Three Hundred Thirty Five Thousand Eight Hundred Pesos Only	

The contract price is inclusive of taxes and other fees or charges. In case of failure to make the full delivery within the time specified above, a penalty of one-tenth (1/10) of one percent for every day of delay shall be imposed on the undelivered item/s. Once the cumulative amount of liquidated damages reaches ten percent (10%) of the amount of the contract, DOST-ASTI may rescind or terminate the contract, without prejudice to other courses of action and remedies available under the circumstances and in accordance with the provisions of the latest implementing rules and regulations of RA 9184.


Conforme:

Very Truly Yours,

(Signature over Printed Name of Supplier)


FRANZ A. DE LEON, Ph.D.
Director, DOST-ASTI

(Date)

Fund Cluster:	01	ORS / BURS No.:	02101102025-07-000563
Funds Available:	₱ 335,800.00	ORS / BURS Date:	JUL-7 16, 2025
		Amount:	₱ 335,800.00
<p> GAY CONCEPCION S. BUGAGAO Accountant III</p>			



14 July 2025

NOTICE TO PROCEED
ALTERNATIVE MODE OF PROCUREMENT

Mr. MIKE JASSEN T. SY
President
JASSEN HARRIS INDUSTRIES CORP.
1063 Tomas Mapua St., Brgy. 329 Zone 33
Sta. Cruz, Manila

Dear Mr. Sy,

This Notice to Proceed is hereby issued for the following contract details:

Contract Name	: Supply and Delivery of One (1) Piece Laboratory Tool - Honeycomb Workbench and Other Items
Purchase Request No.	: GAA-25-05-21231
Purchase / Work Order No.	: 25-07-149
Total Contract Price	: Php 335,800.00
(inclusive of taxes, import duties and all other charges or fees)	
Total Contract Price in Words	: Three Hundred Thirty Five Thousand Eight Hundred Pesos

Upon issuance of this Notice, your company, **JASSEN HARRIS INDUSTRIES CORP.** is hereby directed to commence the delivery of items and/or performance of services stipulated in the said Purchase Order which shall become due and demandable in accordance with the delivery schedule stipulated therein.

Please acknowledge receipt and acceptance of this Notice by signing in the space provided below. There are two (2) copies of this document; you may keep one copy and return the other to the Bids and Awards Committee (BAC) Secretariat of the Advanced Science and Technology Institute. Should you have any questions or clarifications, you may reach us at bac-sec@asti.dost.gov.ph.

Respectfully,


FRANZ A. DE LEON, Ph.D.
Director

Digitally
Signed by
Franz A.
Alonzo

DATE OF ISSUANCE:

17 JUL 2025

RECEIVED BY:

Signature over Printed Name

Date and Time

Postal Address : ASTI Bldg. UP Technology Park Complex
CP Garcia Ave., Diliman, Quezon City 1101
Website: : www.asti.dost.gov.ph
Email: : info@asti.dost.gov.ph

Tel No.: +632 8249-8500
+632 8426-9755
Fax No.: +632 8249-9764

ASTI - FM 03-10
REV 5 / 05 June 2025