



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

**PURCHASE ORDER**

ASTI - FM 03-17
REV 3 / 10 October 2023

Supplier:	JASSEN HARRIS INDUSTRIES CORP.	PO No.:	25-05-102
Address:	1063 Tomas Mapua St., Brgy. 329 Zone 33, Sta. Cruz, Manila, 1014	PO Date:	May 30, 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	Unit	500MM 22-WAY FPC CAMERA CABLE 1. GENERAL OVERVIEW 1.1 DOST-ASTI is seeking qualified and competent bidders for the Supply and Delivery of Two (2) Units 500MM 22-way FPC Camera Cable which will be part of the prototype. 1.2 The Approved Budget for the Contract (ABC) is inclusive of government taxes and charges. 2. PRODUCT DESCRIPTION 2.1 Type: Flexible Flat Cable (FFC) 2.2 Length: 500mm 2.3 Connector: MIPI CSI-2 2.4 Compatibility: Raspberry Pi 5 3. WARRANTY AND SERVICES 3.1 The supplier warrants that the items are free from defects in manufacturing, as well as shipping/delivery issues. 3.2 Defective/Incorrect items shall be replaced.	2	₱310.00	₱620.00

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>3.3 Six (6) months warranty period which will commence upon delivery.</p> <p>4. DELIVERY AND PAYMENT TERMS</p> <p>4.1 Delivery of the items shall be delivered thirty (30) calendar days upon issuance of Notice of Proceed (NTP).</p> <p>4.2 Payment shall be made only upon certification/acceptance by the end-user to the effect that the goods are delivered in accordance with the terms of this Contract and are duly inspected and accepted.</p> <p>4.3 No payment shall be made for the supplies and materials not delivered under this Contract.</p> <p>(Please see attached quotation.)</p>			
2	Unit	<p>500MM 22-WAY FPC DISPLAY CABLE</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) Units 500MM 22-way FPC Display Cable which will be part of the prototype.</p> <p>2 The ABC is inclusive of government taxes and charges.</p> <p>2. PRODUCT DESCRIPTION</p> <p>2.1 Type: Flexible Flat Cable (FFC)</p> <p>2.2 Length: 500mm</p> <p>2.3 Connector: MIPI DSI</p> <p>2.4 Compatibility: Raspberry Pi 5</p> <p>3. WARRANTY AND SERVICES</p> <p>3.1 The supplier warrants that the items are free from defects in manufacturing, as well as shipping/delivery issues.</p> <p>3.2 Defective/Incorrect items shall be replaced.</p> <p>3.3 Six (6) months warranty period which will commence upon delivery.</p>	2	P300.00	P600.00

		<p>4. DELIVERY AND PAYMENT TERMS</p> <p>4.1 Delivery of the items shall be delivered thirty (30) calendar days upon issuance of NTP.</p> <p>4.2 Payment shall be made only upon certification/acceptance by the end-user to the effect that the goods are delivered in accordance with the terms of this Contract and are duly inspected and accepted.</p> <p>4.3 No payment shall be made for the supplies and materials not delivered under this Contract.</p> <p>(Please see attached quotation.)</p>			
3	Unit	<p>Raspberry Pi Ltd Version 5</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) Units Raspberry Pi Ltd Version 5 which will be a part of the prototype.</p> <p>1.2 The Approved Budget for the Contract is inclusive of government taxes and charges.</p> <p>2. PRODUCT DESCRIPTION</p> <p>2.1 CPU: Broadcom BCM2712 2.4GHz quad-core 64-bit Arm Cortex-A76</p> <p>2.2 RAM: Options for 4GB, 8GB, or 16GB LPDDR4X-4267 SDRAM</p> <p>2.3 GPU: VideoCore VII, supporting OpenGL ES 3.1, Vulkan 1.2</p> <p>2.4 HDMI: Dual 4Kp60 HDMI display output with HDR support</p> <p>2.5 Wireless: Dual-band 802.11ac Wi-Fi, Bluetooth 5.0/BLE</p> <p>2.6 Storage: MicroSD card slot with SDR104 mode support</p> <p>2.7 USB: 2 x USB 3.0, 2 x USB 2.0</p> <p>2.8 Ethernet: Gigabit Ethernet with PoE+ support (requires separate PoE+ HAT)</p> <p>2.9 Interfaces: 2 x MIPI camera/display</p>	2	P11,500.00	P23,000.00

		<p>transceivers, PCIe 2.0 x1</p> <p>2.10 Power: 5V/5A DC via USB-C with Power Delivery support</p> <p>3. WARRANTY AND SERVICES</p> <p>3.1 The supplier warrants that the items are free from defects in manufacturing, as well as shipping/delivery issues.</p> <p>3.2 Defective/Incorrect items shall be replaced.</p> <p>3.3 Six (6) months warranty period which will commence upon delivery.</p> <p>4. DELIVERY AND PAYMENT TERMS</p> <p>4.1 Delivery of the items shall be delivered thirty (30) calendar days upon issuance of NTP.</p> <p>4.2 Payment shall be made only upon certification/acceptance by the end-user to the effect that the goods are delivered in accordance with the terms of this Contract and are duly inspected and accepted.</p> <p>4.3 No payment shall be made for the supplies and materials not delivered under this Contract.</p> <p>(Please see attached quotation.)</p>			
4	Unit	<p>27W USB-C PD Power Supply</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) Units 27W USB-C PD Power Supply which will be part of the prototype.</p> <p>1.2 The Approved Budget for the Contract is inclusive of government taxes and charges.</p> <p>2. PRODUCT DESCRIPTION</p> <p>2.1 Input: 100-240V AC</p> <p>2.2 Output: 5.1V/5A DC</p> <p>2.3 Power: 27W</p> <p>2.4 Connector: USB-C</p>	2	P1,100.00	P2,200.00

		<p>2.5 Cable Length: 1.2m</p> <p>3. WARRANTY AND SERVICES</p> <p>3.1 The supplier warrants that the items are free from defects in manufacturing, as well as shipping/delivery issues.</p> <p>3.2 Defective/Incorrect items shall be replaced.</p> <p>3.3 Six (6) months warranty period which will commence upon delivery.</p> <p>4. DELIVERY AND PAYMENT TERMS</p> <p>4.1 Delivery of the items shall be delivered thirty (30) calendar days upon issuance of NTP.</p> <p>4.2 Payment shall be made only upon certification/acceptance by the end-user to the effect that the goods are delivered in accordance with the terms of this Contract and are duly inspected and accepted.</p> <p>4.3 No payment shall be made for the supplies and materials not delivered under this Contract.</p> <p>(Please see attached quotation.)</p>			
5	Unit	<p>Analog Signal Isolator</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) Unit Analog Signal Isolator which will be part of the prototype.</p> <p>1.2 The Approved Budget for the Contract is inclusive of government taxes and charges.</p> <p>2. PRODUCT DESCRIPTION</p> <p>2.1 Operating Voltage: 5.0V</p> <p>2.2 Response Time: 4 seconds (Typ)</p> <p>2.3 Analog Error: < ± 20mV (Typ)</p> <p>2.4 Connector Type: PH2.0-3P</p> <p>2.5 Isolation Voltage: Not specified</p>	2	P1,960.00	P3,920.00

		<p>3. WARRANTY AND SERVICES</p> <p>3.1 The supplier warrants that the items are free from defects in manufacturing, as well as shipping/delivery issues.</p> <p>3.2 Defective/Incorrect items shall be replaced.</p> <p>3.3 Six (6) months warranty period which will commence upon delivery.</p> <p>4. DELIVERY AND PAYMENT TERMS</p> <p>4.1 Delivery of the items shall be delivered thirty (30) calendar days upon issuance of NTP.</p> <p>4.2 Payment shall be made only upon certification/acceptance by the end-user to the effect that the goods are delivered in accordance with the terms of this Contract and are duly inspected and accepted.</p> <p>4.3 No payment shall be made for the supplies and materials not delivered under this Contract.</p> <p>(Please see attached quotation.)</p>			
6	Unit	<p>400GB Sandisk Micro SD Card, Ultra Class 10</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) Units 400GB Sandisk Micro SD Card, Ultra Class 10 which will be a part of the prototype.</p> <p>1.2 The Approved Budget for the Contract is inclusive of government taxes and charges.</p> <p>2. PRODUCT DESCRIPTION</p> <p>2.1 Capacity: 400GB</p> <p>2.2 Speed Class: Class 10, UHS-I</p> <p>2.3 Read Speed: Up to 100MB/s (varies by model)</p> <p>2.4 Write Speed: Varies by model</p> <p>3. WARRANTY AND SERVICES</p>	2	₱2,600.00	₱5,200.00

		<p>3.1 The supplier warrants that the items are free from defects in manufacturing, as well as shipping/delivery issues.</p> <p>3.2 Defective/Incorrect items shall be replaced.</p> <p>3.3 Six (6) months warranty period which will commence upon delivery.</p> <p>4. DELIVERY AND PAYMENT TERMS</p> <p>4.1 Delivery of the items shall be delivered thirty (30) calendar days upon issuance of NTP.</p> <p>4.2 Payment shall be made only upon certification/acceptance by the end-user to the effect that the goods are delivered in accordance with the terms of this Contract and are duly inspected and accepted.</p> <p>4.3 No payment shall be made for the supplies and materials not delivered under this Contract.</p> <p>(Please see attached quotation.)</p>			
7	Unit	<p>Active Cooler for Raspberry Pi</p> <p>1. GENERAL OVERVIEW</p> <p>2.1 DOST-ASTI is seeking qualified and competent bidders for the Supply and Delivery of Two (2) Units Active Cooler for Raspberry Pi which will be part of the prototype.</p> <p>2.2 The Approved Budget for the Contract is inclusive of government taxes and charges.</p> <p>2. PRODUCT DESCRIPTION</p> <p>2.1 Compatibility: Raspberry Pi 5</p> <p>2.2 Connector: 4-pin fan header</p> <p>2.3 Fan Speed: Variable, PWM controlled</p> <p>2.4 Airflow: Varies</p> <p>2.5 Material: Aluminum heatsink with fan</p> <p>3. WARRANTY AND SERVICES</p> <p>3.1 The supplier warrants that the items are free from defects in manufacturing, as</p>	2	P570.00	P1,140.00

		<p>well as shipping/delivery issues.</p> <p>3.2 Defective/Incorrect items shall be replaced.</p> <p>3.3 Six (6) months warranty period which will commence upon delivery.</p> <p>4. DELIVERY AND PAYMENT TERMS</p> <p>4.1 Delivery of the items shall be delivered thirty (30) calendar days upon issuance of Notice of Proceed (NTP).</p> <p>4.2 Payment shall be made only upon certification/acceptance by the end-user to the effect that the goods are delivered in accordance with the terms of this Contract and are duly inspected and accepted.</p> <p>4.3 No payment shall be made for the supplies and materials not delivered under this Contract.</p> <p>(Please see attached quotation.)</p>			
8	Unit	<p>7inch Capacitive Touch Screen LCD with Case, 1024x600, HDMI Raspberry Pi</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) Unit 7inch Capacitive Touch Screen LCD with Case, 1024x600, HDMI Raspberry Pi which will be part of the prototype.</p> <p>1.2 The Approved Budget for the Contract is inclusive of government taxes and charges.</p> <p>2. PRODUCT DESCRIPTION</p> <p>2.1 Screen Size: 7 inch</p> <p>2.2 Resolution: 1024x600 pixels</p> <p>2.3 Touch: Capacitive</p> <p>2.4 Interface: HDMI</p> <p>2.5 Case: Included, material varies</p> <p>3. WARRANTY AND SERVICES</p> <p>3.1 The supplier warrants that the items are free from defects in manufacturing, as well as shipping/delivery issues.</p>	2	P4,100.00	P8,200.00

		<p>3.2 Defective/Incorrect items shall be replaced.</p> <p>3.3 Six (6) months warranty period which will commence upon delivery.</p> <p>4. DELIVERY AND PAYMENT TERMS</p> <p>4.1 Delivery of the items shall be delivered thirty (30) calendar days upon issuance of Notice of Proceed (NTP).</p> <p>4.2 Payment shall be made only upon certification/acceptance by the end-user to the effect that the goods are delivered in accordance with the terms of this Contract and are duly inspected and accepted.</p> <p>4.3 No payment shall be made for the suppliers and materials not delivered under this Contract.</p> <p>(Please see attached quotation.)</p>			
9	Unit	<p>Pin Contacts</p> <p>1. GENERAL OVERVIEW</p> <p>1.1 DOST-ASTI is seeking qualified and competent bidders for the Supply and Delivery of Fifty (50) Units Pin Contacts which will be a part of the prototype.</p> <p>2.2 The Approved Budget for the Contract is inclusive of government taxes and charges.</p> <p>2. PRODUCT DESCRIPTION</p> <p>2.1 Type: Crimp or IDC</p> <p>2.2 Wire Gauge: Varies, typically 22-28 AWG</p> <p>2.3 Material: Phosphor Bronze, Gold Plated or Tin Plated</p> <p>3. WARRANTY AND SERVICES</p> <p>2.1 The supplier warrants that the items are free from defects in manufacturing, as well as shipping/delivery issues.</p> <p>2.2 Defective/Incorrect items shall be replaced.</p> <p>2.3 Six (6) months warranty period which will commence upon delivery.</p>	50	P10.00	P500.00

		<p>4. DELIVERY AND PAYMENT TERMS</p> <p>4.1 Delivery of the items shall be delivered thirty (30) calendar days upon issuance of Notice of Proceed (NTP).</p> <p>4.2 Payment shall be made only upon certification/acceptance by the end-user to the effect that the goods are delivered in accordance with the terms of this Contract and are duly inspected and accepted.</p> <p>4.3 No payment shall be made for the suppliers and materials not delivered under this Contract.</p> <p>(Please see attached quotation.)</p>			
10	Unit	<p>2-Pin Terminal Block</p> <p>1. GENERAL OVERVIEW</p> <p>1.1 DOST-ASTI is seeking qualified and competent bidders for the Supply and Delivery of Twenty (20) Units 2-Pin Terminal Block which will be a part of the prototype.</p> <p>1.2 The Approved Budget for the Contract is inclusive of government taxes and charges.</p> <p>2. PRODUCT DESCRIPTION</p> <p>2.1 Pin Count: 2</p> <p>2.2 Type: Screw Terminal</p> <p>2.3 Wire Gauge: Varies</p> <p>2.4 Voltage/Current Rating: Varies</p> <p>2.5 Pitch: Varies</p> <p>3. WARRANTY AND SERVICES</p> <p>3.1 The supplier warrants that the items are free from defects in manufacturing, as well as shipping/delivery issues.</p> <p>3.2 Defective/Incorrect items shall be replaced.</p> <p>3.3 Six (6) months warranty period which will commence upon delivery.</p>	20	P65.00	P1,300.00

		<p>4. DELIVERY AND PAYMENT TERMS</p> <p>4.1 Delivery of the items shall be delivered thirty (30) calendar days upon issuance of Notice of Proceed (NTP).</p> <p>4.2 Payment shall be made only upon certification/acceptance by the end-user to the effect that the goods are delivered in accordance with the terms of this Contract and are duly inspected and accepted.</p> <p>4.3 No payment shall be made for the suppliers and materials not delivered under this Contract.</p> <p>(Please see attached quotation.)</p>			
11	Unit	<p>Mounting Screws w/ Nut</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) Units Mounting Screws w/ Nut which will be part of the prototype.</p> <p>1.2 The Approved Budget for the Contract is inclusive of government taxes and charges.</p> <p>2. PRODUCT DESCRIPTION</p> <p>2.1 Size: Varies (e.g., M3, M4)</p> <p>2.2 Length: Varies</p> <p>2.3 Material: Stainless Steel, Steel</p> <p>2.4 Head Type: Varies (e.g., Pan Head, Flat Head)</p> <p>3. WARRANTY AND SERVICES</p> <p>3.1 The supplier warrants that the items are free from defects in manufacturing, as well as shipping/delivery issues.</p> <p>3.2 Defective/Incorrect items shall be replaced.</p> <p>3.3 Six (6) months warranty period which will commence upon delivery.</p> <p>4. DELIVERY AND PAYMENT TERMS</p> <p>4.1 Delivery of the items shall be delivered thirty (30) calendar days upon issuance of</p>	5	P75.00	P375.00

		<p>Notice of Proceed (NTP).</p> <p>4.2 Payment shall be made only upon certification/acceptance by the end-user to the effect that the goods are delivered in accordance with the terms of this Contract and are duly inspected and accepted.</p> <p>4.3 No payment shall be made for the suppliers and materials not delivered under this Contract.</p> <p>(Please see attached quotation.)</p>			
12	Unit	<p>Mounting Screws w/ Nut</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) Units Mounting Screws w/ Nut which will be part of the prototype.</p> <p>1.2 The Approved Budget for the Contract is inclusive of government taxes and charges.</p> <p>2. PRODUCT DESCRIPTION</p> <p>2.1 Size: Varies (e.g., M3, M4)</p> <p>2.2 Length: Varies</p> <p>2.3 Material: Stainless Steel, Steel</p> <p>2.4 Head Type: Varies (e.g., Pan Head, Flat Head)</p> <p>3. WARRANTY AND SERVICES</p> <p>3.1 The supplier warrants that the items are free from defects in manufacturing, as well as shipping/delivery issues.</p> <p>3.2 Defective/Incorrect items shall be replaced.</p> <p>3.3 Six (6) months warranty period which will commence upon delivery.</p> <p>4. DELIVERY AND PAYMENT TERMS</p> <p>4.1 Delivery of the items shall be delivered thirty (30) calendar days upon issuance of Notice of Proceed (NTP).</p> <p>4.2 Payment shall be made only upon certification/acceptance by the end-user to</p>	5	₱75.00	₱375.00

		<p>the effect that the goods are delivered in accordance with the terms of this Contract and are duly inspected and accepted.</p> <p>4.3 No payment shall be made for the suppliers and materials not delivered under this Contract.</p> <p>(Please see attached quotation.)</p>			
13	Unit	<p>840pcs Shape Shield Solderless Breadboard Jumper Wire Kit</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) Units 840pcs Shape Shield Solderless Breadboard Jumper Wire Kit which will be part of the prototype.</p> <p>1.2 The Approved Budget for the Contract is inclusive of government taxes and charges.</p> <p>2. PRODUCT DESCRIPTION</p> <p>2.1 Wire Type: Solid Core</p> <p>2.2 Wire Gauge: 22 AWG</p> <p>2.3 Length: Assorted</p> <p>2.4 Ends: Solid pins for breadboard insertion</p> <p>3. WARRANTY AND SERVICES</p> <p>3.1 The supplier warrants that the items are free from defects in manufacturing, as well as shipping/delivery issues.</p> <p>3.2 Defective/Incorrect items shall be replaced.</p> <p>3.3 Six (6) months warranty period which will commence upon delivery.</p> <p>4. DELIVERY AND PAYMENT TERMS</p> <p>4.1 Delivery of the items shall be delivered thirty (30) calendar days upon issuance of Notice of Proceed (NTP).</p> <p>4.2 Payment shall be made only upon certification/acceptance by the end-user to</p>	2	P300.00	P600.00

		<p>the effect that the goods are delivered in accordance with the terms of this Contract and are duly inspected and accepted.</p> <p>4.3 No payment shall be made for the suppliers and materials not delivered under this Contract.</p> <p>(Please see attached quotation.)</p>			
14	Unit	<p>Breadboard connecting Jumper Wires Dupont Wire Cable 10cm male to female</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) Units Breadboard connecting Jumper Wires Dupont Wire Cable 10cm male to female which will be part of the prototype.</p> <p>1.2 The Approved Budget for the Contract is inclusive of government taxes and charges.</p> <p>2. PRODUCT DESCRIPTION</p> <p>2.1 Length: 10cm</p> <p>2.2 Ends: Male Dupont connector to Female Dupont connector</p> <p>2.3 Wire Gauge: Typically 24-28 AWG</p> <p>3. WARRANTY AND SERVICES</p> <p>3.1 The supplier warrants that the items are free from defects in manufacturing, as well as shipping/delivery issues.</p> <p>3.2 Defective/Incorrect items shall be replaced.</p> <p>3.3 Six (6) months warranty period which will commence upon delivery.</p> <p>4. DELIVERY AND PAYMENT TERMS</p> <p>4.1 Delivery of the items shall be delivered thirty (30) calendar days upon issuance of Notice of Proceed (NTP).</p> <p>4.2 Payment shall be made only upon certification/acceptance by the end-user to the effect that the goods are delivered in accordance with the terms of this Contract and are duly inspected and</p>	2	P44.00	P88.00

		<p>accepted.</p> <p>4.3 No payment shall be made for the suppliers and materials not delivered under this Contract.</p> <p>(Please see attached quotation.)</p>			
15	Unit	<p>Breadboard connecting Jumper Wires Dupont Wire Cable 20cm male to female</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) Units Breadboard connecting Jumper Wires Dupont Wire Cable 20cm male to female which will be part of the prototype.</p> <p>1.2 The Approved Budget for the Contract is inclusive of government taxes and charges.</p> <p>2. PRODUCT DESCRIPTION</p> <p>2.1 Length: 20cm</p> <p>2.2 Ends: Male Dupont connector to Female Dupont connector</p> <p>2.3 Wire Gauge: Typically 24-28 AWG</p> <p>3. WARRANTY AND SERVICES</p> <p>3.1 The supplier warrants that the items are free from defects in manufacturing, as well as shipping/delivery issues.</p> <p>3.2 Defective/Incorrect items shall be replaced.</p> <p>3.3 Six (6) months warranty period which will commence upon delivery.</p> <p>4. DELIVERY AND PAYMENT TERMS</p> <p>4.1 Delivery of the items shall be delivered thirty (30) calendar days upon issuance of Notice of Proceed (NTP).</p> <p>4.2 Payment shall be made only upon certification/acceptance by the end-user to the effect that the goods are delivered in accordance with the terms of this Contract and are duly inspected and accepted.</p> <p>4.3 No payment shall be made for the</p>	2	P60.00	P120.00

		suppliers and materials not delivered under this Contract. (Please see attached quotation.)			
16	Unit	<p>Breadboard connecting Jumper Wires Dupont Wire Cable 30cm male to female</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) Units Breadboard connecting Jumper Wires Dupont Wire Cable 30cm male to female which will be part of the prototype.</p> <p>1.2 The Approved Budget for the Contract is inclusive of government taxes and charges.</p> <p>2. PRODUCT DESCRIPTION</p> <p>2.1 Length: 30cm</p> <p>2.2 Ends: Male Dupont connector to Female Dupont connector</p> <p>2.3 Wire Gauge: Typically 24-28 AWG</p> <p>3. WARRANTY AND SERVICES</p> <p>3.1 The supplier warrants that the items are free from defects in manufacturing, as well as shipping/delivery issues.</p> <p>3.2 Defective/Incorrect items shall be replaced.</p> <p>3.3 Six (6) months warranty period which will commence upon delivery.</p> <p>4. DELIVERY AND PAYMENT TERMS</p> <p>4.1 Delivery of the items shall be delivered thirty (30) calendar days upon issuance of Notice of Proceed (NTP).</p> <p>4.2 Payment shall be made only upon certification/acceptance by the end-user to the effect that the goods are delivered in accordance with the terms of this Contract and are duly inspected and accepted.</p> <p>4.3 No payment shall be made for the suppliers and materials not delivered under this Contract.</p> <p>(Please see attached quotation.)</p>	2	P65.00	P130.00

17	Unit	<p>Arduino Mega 2560 R3 Italy/ A000067</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) Units Arduino Mega 2560 R3 Italy/ A000067 which will be part of the prototype.</p> <p>1.2 The Approved Budget for the Contract is inclusive of government taxes and charges.</p> <p>2. PRODUCT DESCRIPTION</p> <p>2.1 Microcontroller: ATmega2560</p> <p>2.2 Operating Voltage: 5V</p> <p>2.3 Input Voltage (recommended): 7-12V</p> <p>2.4 Digital I/O Pins: 54 (14 PWM outputs)</p> <p>2.5 Analog Input Pins: 16</p> <p>2.6 Flash Memory: 256 KB</p> <p>2.7 SRAM: 8 KB</p> <p>2.8 EEPROM: 4 KB</p> <p>2.9 Clock Speed: 16 MHz</p> <p>3. WARRANTY AND SERVICES</p> <p>3.1 The supplier warrants that the items are free from defects in manufacturing, as well as shipping/delivery issues.</p> <p>3.2 Defective/Incorrect items shall be replaced.</p> <p>3.3 Six (6) months warranty period which will commence upon delivery.</p> <p>4. DELIVERY AND PAYMENT TERMS</p> <p>4.1 Delivery of the items shall be delivered thirty (30) calendar days upon issuance of Notice of Proceed (NTP).</p> <p>4.2 Payment shall be made only upon certification/acceptance by the end-user to the effect that the goods are delivered in accordance with the terms of this Contract and are duly inspected and</p>	2	P3,300.00	P6,600.00
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		<p>accepted.</p> <p>4.3 No payment shall be made for the suppliers and materials not delivered under this Contract.</p> <p>(Please see attached quotation.)</p>			
18	Unit	<p>FR4 Universal Protoboard PCB - Double Sided 9 x 15cm</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) Units FR4 Universal Protoboard PCB - Double Sided 9 x 15cm which will be part of the prototype.</p> <p>1.2 The Approved Budget for the Contract is inclusive of government taxes and charges.</p> <p>2.PRODUCT DESCRIPTION</p> <p>2.1 Material: FR4</p> <p>2.2 Dimensions: 9cm x 15cm</p> <p>2.3 Thickness: Typically 1.6mm</p> <p>2.4 Hole Pitch: 2.54mm (0.1 inch)</p> <p>2.5 Hole Diameter: Typically 1mm</p> <p>2.6 Sides: Double-sided</p> <p>3. WARRANTY AND SERVICES</p> <p>3.1 The supplier warrants that the items are free from defects in manufacturing, as well as shipping/delivery issues.</p> <p>3.2 Defective/Incorrect items shall be replaced.</p> <p>3.3 Six (6) months warranty period which will commence upon delivery.</p> <p>4. DELIVERY AND PAYMENT TERMS</p> <p>4.1 Delivery of the items shall be delivered thirty (30) calendar days upon issuance of Notice of Proceed (NTP).</p> <p>4.2 Payment shall be made only upon certification/acceptance by the end-user to the effect that the goods are delivered in accordance with the terms of this</p>	5	P95.00	P475.00

		<p>Contract and are duly inspected and accepted.</p> <p>4.3 No payment shall be made for the suppliers and materials not delivered under this Contract.</p> <p>(Please see attached quotation.)</p>			
19	Unit	<p>Cable mount connector</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) Units Cable mount connector which will be part of the prototype.</p> <p>1.2 The Approved Budget for the Contract is inclusive of government taxes and charges.</p> <p>2. PRODUCT DESCRIPTION</p> <p>2.1 Mounting Type: Cable Mount</p> <p>2.2 Connector Type: Varies</p> <p>2.3 Pin Count: Varies</p> <p>2.4 Waterproof Rating: If applicable, IP67 or higher</p> <p>2.5 Material: Varies</p> <p>3. WARRANTY AND SERVICES</p> <p>3.1 The supplier warrants that the items are free from defects in manufacturing, as well as shipping/delivery issues.</p> <p>3.2 Defective/Incorrect items shall be replaced.</p> <p>3.3 Six (6) months warranty period which will commence upon delivery.</p> <p>4. DELIVERY AND PAYMENT TERMS</p> <p>4.1 Delivery of the items shall be delivered thirty (30) calendar days upon issuance of Notice of Proceed (NTP).</p> <p>4.2 Payment shall be made only upon certification/acceptance by the end-user to the effect that the goods are delivered in accordance with the terms of this Contract</p>	2	P2,950.00	P5,900.00

		<p>and are duly inspected and accepted.</p> <p>4.3 No payment shall be made for the suppliers and materials not delivered under this Contract.</p> <p>(Please see attached quotation.)</p>			
20	Unit	<p>Panel Mount Connector</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) Units Panel mount connector which will be part of the prototype.</p> <p>1.2 The Approved Budget for the Contract is inclusive of government taxes and charges.</p> <p>2. PRODUCT DESCRIPTION</p> <p>2.1 Mounting Type: Panel Mount</p> <p>2.2 Connector Type: Varies</p> <p>2.3 Pin Count: Varies</p> <p>2.4 Waterproof Rating: If applicable, IP67 or higher</p> <p>2.5 Material: Varies</p> <p>3. WARRANTY AND SERVICES</p> <p>3.1 The supplier warrants that the items are free from defects in manufacturing, as well as shipping/delivery issues.</p> <p>3.2 Defective/Incorrect items shall be replaced.</p> <p>3.3 Six (6) months warranty period which will commence upon delivery.</p> <p>4. DELIVERY AND PAYMENT TERMS</p> <p>4.1 Delivery of the items shall be delivered thirty (30) calendar days upon issuance of Notice of Proceed (NTP).</p> <p>4.2 Payment shall be made only upon certification/acceptance by the end-user to the effect that the goods are delivered in accordance with the terms of this Contract and are duly inspected and accepted.</p>	2	P2,700.00	P5,400.00

		<p>4.3 No payment shall be made for the suppliers and materials not delivered under this Contract.</p> <p>(Please see attached quotation.)</p>			
21	Roll	<p>Stranded wire AWG 20 color</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) Rolls Stranded wire AWG 20 color which will be part of the prototype.</p> <p>1.2 The Approved Budget for the Contract is inclusive of government taxes and charges.</p> <p>2. PRODUCT DESCRIPTION</p> <p>2.1 Wire Gauge: 20 AWG</p> <p>2.2 Stranding: Stranded</p> <p>2.3 Insulation Material: PVC</p> <p>2.4 Color: Varies</p> <p>2.5 Voltage Rating: Varies</p> <p>3. WARRANTY AND SERVICES</p> <p>3.1 The supplier warrants that the items are free from defects in manufacturing, as well as shipping/delivery issues.</p> <p>3.2 Defective/Incorrect items shall be replaced.</p> <p>3.3 Six (6) months warranty period which will commence upon delivery.</p> <p>4. DELIVERY AND PAYMENT TERMS</p> <p>4.1 Delivery of the items shall be delivered thirty (30) calendar days upon issuance of Notice of Proceed (NTP).</p> <p>4.2 Payment shall be made only upon certification/acceptance by the end-user to the effect that the goods are delivered in accordance with the terms of this Contract and are duly inspected and accepted.</p> <p>4.3 No payment shall be made for the</p>	5	P93.00	P465.00

		suppliers and materials not delivered under this Contract. (Please see attached quotation.)			
22	Roll	<p>Stranded wire AWG 24 color</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) Rolls Stranded wire AWG 24 color which will be part of the prototype.</p> <p>1.2 The Approved Budget for the Contract is inclusive of government taxes and charges.</p> <p>2. PRODUCT DESCRIPTION</p> <p>2.1 Wire Gauge: 24 AWG</p> <p>2.2 Stranding: Stranded</p> <p>2.3 Insulation Material: PVC</p> <p>2.4 Color: Varies</p> <p>2.5 Voltage Rating: Varies</p> <p>3. WARRANTY AND SERVICES</p> <p>3.1 The supplier warrants that the items are free from defects in manufacturing, as well as shipping/delivery issues.</p> <p>3.2 Defective/Incorrect items shall be replaced.</p> <p>3.3 Six (6) months warranty period which will commence upon delivery.</p> <p>4. DELIVERY AND PAYMENT TERMS</p> <p>4.1 Delivery of the items shall be delivered thirty (30) calendar days upon issuance of Notice of Proceed (NTP).</p> <p>4.2 Payment shall be made only upon certification/acceptance by the end-user to the effect that the goods are delivered in accordance with the terms of this Contract and are duly inspected and accepted.</p> <p>4.3 No payment shall be made for the suppliers and materials not delivered</p>	5	P44.00	P220.00

		<p>under this Contract.</p> <p>(Please see attached quotation.)</p>			
23	Unit	<p>Graphite Gasket Sheet, black, 2mm thick</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) Units Graphite Gasket Sheet, black, 2mm thick which will be part of the prototype.</p> <p>1.2 The Approved Budget for the Contract is inclusive of government taxes and charges.</p> <p>2. PRODUCT DESCRIPTION</p> <p>2.1 Material: Graphite</p> <p>2.2 Thickness: 2mm</p> <p>2.3 Color: Black</p> <p>2.4 Sheet Size: Varies</p> <p>2.5 Temperature Range: Varies</p> <p>3. WARRANTY AND SERVICES</p> <p>3.1 The supplier warrants that the items are free from defects in manufacturing, as well as shipping/delivery issues.</p> <p>3.2 Defective/Incorrect items shall be replaced.</p> <p>3.3 Six (6) months warranty period which will commence upon delivery.</p> <p>4. DELIVERY AND PAYMENT TERMS</p> <p>4.1 Delivery of the items shall be delivered thirty (30) calendar days upon issuance of Notice of Proceed (NTP).</p> <p>4.2 Payment shall be made only upon certification/acceptance by the end-user to the effect that the goods are delivered in accordance with the terms of this Contract and are duly inspected and accepted.</p> <p>4.3 No payment shall be made for the suppliers and materials not delivered under this Contract.</p> <p>(Please see attached quotation.)</p>	2	₱5,300.00	₱10,600.00

24	Unit	<p>White sealant paste 310ml cartridge</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) Units White sealant paste 310ml cartridge which will be part of the prototype.</p> <p>1.2 The Approved Budget for the Contract is inclusive of government taxes and charges.</p>	2	P1,500.00	P3,000.00
		<p>2. PRODUCT DESCRIPTION</p> <p>2.1 Type: Silicone Sealant</p> <p>2.2 Color: White</p> <p>2.3 Volume: 310ml</p> <p>2.4 Application: General Purpose</p> <p>2.5 Temperature Range: Varies</p> <p>3. WARRANTY AND SERVICES</p> <p>3.1 The supplier warrants that the items are free from defects in manufacturing, as well as shipping/delivery issues.</p> <p>3.2 Defective/Incorrect items shall be replaced.</p> <p>3.3 Six (6) months warranty period which will commence upon delivery.</p> <p>4. DELIVERY AND PAYMENT TERMS</p> <p>4.1 Delivery of the items shall be delivered thirty (30) calendar days upon issuance of Notice of Proceed (NTP).</p> <p>4.2 Payment shall be made only upon certification/acceptance by the end-user to the effect that the goods are delivered in accordance with the terms of this Contract and are duly inspected and accepted.</p> <p>4.3 No payment shall be made for the suppliers and materials not delivered under this Contract.</p> <p>(Please see attached quotation.)</p>			

25	Unit	<p>Sealant gun, manual dispenser cartridge</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) Unit Sealant gun, manual dispenser cartridge which will be part of the prototype.</p> <p>1.2 The Approved Budget for the Contract is inclusive of government taxes and charges.</p> <p>2. PRODUCT DESCRIPTION</p> <p>2.1 Type: Manual</p> <p>2.2 Cartridge Size: Standard 310ml</p> <p>2.3 Material: Metal or Plastic</p> <p>3. WARRANTY AND SERVICES</p> <p>3.1 The supplier warrants that the items are free from defects in manufacturing, as well as shipping/delivery issues.</p> <p>3.2 Defective/Incorrect items shall be replaced.</p> <p>3.3 Six (6) months warranty period which will commence upon delivery.</p> <p>4. DELIVERY AND PAYMENT TERMS</p> <p>4.1 Delivery of the items shall be delivered thirty (30) calendar days upon issuance of Notice of Proceed (NTP).</p> <p>4.2 Payment shall be made only upon certification/acceptance by the end-user to the effect that the goods are delivered in accordance with the terms of this Contract and are duly inspected and accepted.</p> <p>4.3 No payment shall be made for the suppliers and materials not delivered under this Contract.</p> <p>(Please see attached quotation.)</p>	1	P1,850.00	P1,850.00
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26	Unit	<p>Red silicon o-ring sealing gasket washers food grade silicon VMQ O-ring seal washer cooker rubber insulated silica gel CS1-2.4</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) Units Red silicon o-ring sealing gasket washers food grade silicon VMQ O-ring seal washer cooker rubber insulated silica gel CS1-2.4 which will be part of the prototype.</p> <p>1.2 The Approved Budget for the Contract is inclusive of government taxes and charges.</p> <p>2. PRODUCT DESCRIPTION</p> <p>2.1 Material: Silicone (VMQ)</p> <p>2.2 Color: Red</p> <p>2.3 Shape: O-Ring</p> <p>2.4 Size: Varies (CS1-2.4 likely refers to cross-section and inner diameter, but specifics depend on the standard)</p> <p>2.5 Application: Sealing, Food Grade</p> <p>3. WARRANTY AND SERVICES</p> <p>3.1 The supplier warrants that the items are free from defects in manufacturing, as well as shipping/delivery issues.</p> <p>3.2 Defective/Incorrect items shall be replaced.</p> <p>3.3 Six (6) months warranty period which will commence upon delivery.</p> <p>4. DELIVERY AND PAYMENT TERMS</p> <p>4.1 Delivery of the items shall be delivered thirty (30) calendar days upon issuance of Notice of Proceed (NTP).</p> <p>4.2 Payment shall be made only upon certification/acceptance by the end-user to the effect that the goods are delivered in accordance with the terms of this Contract and are duly inspected and accepted.</p>	2	P600.00	P1,200.00
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		4.3 No payment shall be made for the suppliers and materials not delivered under this Contract. (Please see attached quotation.)			
				TOTAL:	₱84,078.00
(Total Amount in Words)			Eighty Four Thousand Seventy Eight 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

Digitally
signed by
Jeffrey A.
Aborot

(Date)

Fund Cluster:	01	ORS / BURS No.:	021011012025-06-000412
Funds Available:	Php 84,078.00	ORS / BURS Date:	JUNE 03, 2025
		Amount:	₱ 84,078.00
<div>GAY CONCEPCION S. BUGAGAO Accountant III</div>			



30 May 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 Two (2) Units 500mm 22-Way FPC Camera Cable and Other Items
Purchase Request No.	: GAA-25-05-21141
Purchase / Work Order No.	: 25-05-102
Total Contract Price	: Php 84,078.00
(inclusive of taxes, import duties and all other charges or fees)	
Total Contract Price in Words	: <u>Eighty Four Thousand Seventy Eight Pesos</u>

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
Jeffrey A.
Aborot

DATE OF ISSUANCE:

04 JUN 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 03-19
REV 2 / 05 October 2023