



Republic of the Philippines  
Department of Science and Technology  
**ADVANCED SCIENCE AND TECHNOLOGY INSTITUTE**



ASTI – FM 03-17  
REV 2 / 31 January 2020

**PURCHASE ORDER**

<b>Supplier:</b>	<b>JASSEN HARRIS INDUSTRIES CORP.</b>	<b>PO No.:</b>	<b>23-07-136</b>
<b>Address:</b>	<b>1063 Tomas Mapua St., Brgy. 329 Zone 33, Sta. Cruz, Manila</b>	<b>PO Date:</b>	<b>July 25, 2023</b>
<b>TIN:</b>	<b>009-248-102-000</b>	<b>Mode of Procurement:</b>	<b>NP-53.9 Small Value Procurement</b>

Gentleman:

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

<b>Place of Delivery:</b>	<b>Room 409, UP National Engineering Center, University of the Philippines Diliman, Quezon City 1101</b>	<b>Delivery Term:</b>	<b>Thirty (30) calendar days upon issuance of NTP</b>
<b>Date of Delivery:</b>		<b>Payment Term:</b>	<b>Government Terms</b>
		<b>Warranty Term:</b>	

Stock / Property No.	Unit	Description	Quantity	Unit Cost	Amount
1	Lot	<b>Various Items for Prototyping</b> 1. Objective 1.1. Various Items are for prototype development. 1.2. Scope of service: supply and delivery of various components for prototyping  2. Technical Specifications 2.1. Edge Computing Board, 3pcs <b>178,570</b> 2.1.1. Module: Jetson Orin NX 8GB or better 2.1.2. AI Performance: 70 TOPS or better 2.1.3. GPU: 1024-core Ampere architecture with 32 Tensor Cores or better 2.1.4. GPU Max Frequency: at least 765 MHz 2.1.5. CPU: 6-core Arm Cortex-A78AE v8.2 64-bit CPU 1.5MB L2 + 4MB L3 or better 2.1.6. CPU Max Frequency: at least 2GHz 2.1.7. Memory: 8GB 128-bit LPDDR5 102.4GB/s or better 2.1.8. DL Accelerator: 1x NVDLA v2 or better 2.1.9. DLA Max Frequency: at least 614 MHz 2.1.10. Vision Accelerator: 1x PVA v2 or better 2.1.11. Storage: Supports external NVMe 2.1.12. Video Encoder 2.1.12.1. 1x 4K60 (H.265)   3x 4K30 (H.265) or better 2.1.12.2. 6x 1080p60 (H.265)   12x 1080p30 (H.265) or better 2.1.13. Display: 1* HDMI 2.1 or better 2.1.14. CSI Camera: 2* CSI (2-lane 15pin) or better 2.1.15. Networking: 1* Gigabit Ethernet (10/100/1000M) or better 2.1.16. USB 2.1.16.1. 4* USB 3.2 Type-A (10Gbps) or better 2.1.16.2. 1* USB2.0 Type-C (Device Mode) or better 2.1.17. M.2 Key M: 1* M.2 Key M or better 2.1.18. M.2 Key E: 1* M.2 Key E or better 2.1.19. Fan: 1* 4 pin Fan Connector(5V PWM) or better 2.1.20. CAN: 1*CAN or better 2.1.21. Multifunctional Port	1	<b>₱286,500.00</b>	<b>₱286,500.00</b> <i>REG</i>

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;  
 Fax No. : +632 8426-9764

2.1.21.1. 1\* 40-Pin Expansion header or better  
2.1.21.2. 1\* 12-Pin Control and UART header or better  
2.1.22. RTC: RTC 2-pin, RTC socket (supports CR1220) or better  
2.1.23. Power: 9-19V  
2.1.24. Power Supply: DC 12V/5A(Barrel Jack 5.5/2.5mm)  
2.1.25. Temperature: -10°C~60°C  
2.1.26. Mechanical: approximately 130mm x120mm x 58.5mm  
2.1.27. Parts list  
2.1.27.1. 1x Jetson Orin NX 8GB or better  
2.1.27.2. 1x carrier board (J401) or better  
2.1.27.3. 1x 128GB NVMe SSD or better  
2.1.27.4. 1x Aluminum heatsink with fan  
2.1.27.5. 1x Aluminum case (black)  
2.1.27.6. 1x 12V/5A power adapter or better

2.2. Depth Camera, 2 pcs - 80,680 K&D  
2.2.1. Use Environment: Indoor/Outdoor  
2.2.2. Image Sensor Technology: Global Shutter  
2.2.3. Ideal Range: .6 m to 6 m or better  
2.2.4. Depth Technology: Stereoscopic  
2.2.5. Minimum Depth Distance (Min-Z) at Max Resolution: ~52 cm or better  
2.2.6. Depth Accuracy: <2% at 4 m or better  
2.2.7. Depth Field of View (FOV): 87° × 58° or better  
2.2.8. Depth Stream Output Resolution: Up to 1280 × 720 or better  
2.2.9. Depth Stream Output Frame Rate: Up to 90 fps or better  
2.2.10. RGB Frame Resolution: 1280 x 800 or better  
2.2.11. RGB Frame Rate: 30 fps or better  
2.2.12. RGB Sensor Technology: Global Shutter or better  
2.2.13. RGB Sensor FOV: 90° × 65° or better  
2.2.14. RGB Sensor Resolution: 1 MP or better  
2.2.15. Camera Module: RealSense Module D450 or better  
2.2.16. Vision Processor Board: RealSense Vision Processor D4 or better  
2.2.17. Form factor: Camera Peripheral  
2.2.18. Camera Dimension (Length × Depth × Height): 124 mm × 26 mm × 29 mm  
2.2.19. Connectors: USB-C 3.1 Gen 1 or better  
2.2.20. Mounting Mechanism  
2.2.20.1. One 1/420 UNC thread mounting point  
2.2.20.2. Two M4 thread mounting points  
2.2.20.3. Tripod

2.3. Single Board Computer, 3pcs - 13,480 K&D  
2.3.1. Processor  
2.3.1.1. 64bit hexa core processor Rockchip RK3399-T or better  
2.3.1.2. Dual Cortex-A72, frequency 1.5Ghz with quad Cortex-A53, frequency 1.0Ghz or better  
2.3.1.3. Mali T860MP4 GPU or better  
2.3.1.4. OpenGL ES 1.1 /2.0 /3.0 /3.1 /3.2, Vulkan 1.0, Open CL 1.1 1.2, DX11 or better  
2.3.2. Memory: 64bit dual channel LPDDR4@3200Mb/s, 4GB or better  
2.3.3. Storage  
2.3.3.1. eMMC connector or better  
2.3.3.2. uSD slot supports up to 128G uSD card or better  
2.3.4. Display  
2.3.4.1. 2x micro HDMI, 1x HDMI 4Kp60, 1x HDMI 2Kp60 or better  
2.3.4.2. MIPI DSI 4 lanes via FPC connector or

better

2.3.5. Audio: 3.5mm Headphone Jack HD codec that supports up to 24-bit/96kHz audio or better

2.3.6. Camera: MIPI CSI 2 lanes via FPC connector, support up to 800MP camera(0.3mm pitch connector) or better

2.3.7. Wireless: WIFI5 / BT5 with external antenna(included) or better

2.3.8. USB

2.3.8.1. USB 3.0 OTG x1 hardware switch for host/device switch, upper one or better

2.3.8.2. USB 3.0 HOST x1 dedicated USB3.0 channel, lower one or better

2.3.8.3. USB 2.0 HOST x2 or better

2.3.9. Ethernet: GbE LAN with PoE support additional HAT is required for powering from PoE or better

2.3.10. IO

2.3.10.1. 1 x UART or better

2.3.10.2. 2 x SPI bus or better

2.3.10.3. 2 x I2C bus or better

2.3.10.4. 1 x PCM/I2S or better

2.3.10.5. 1 x SPDIF or better

2.3.10.6. 1 x PWM or better

2.3.10.7. 1 x ADC or better

2.3.10.8. 6 x GPIO or better

2.3.10.9. 2 x 5V DC power in or better

2.3.10.10. 2 x 3.3V power pin or better

2.3.11. Others

2.3.11.1. RTC battery connector for time backup or better

2.3.11.2. 2P PWM Fan header or better

2.3.12. Power

2.3.12.1. Supports USB Type C PD 2.0, 9V/2A, 12V/2A or better

2.3.12.2. Supports QC3.0/2.0 adapter, 9V/2A, 12V/1.5A or better

2.3.12.3. GPIO +5V - Power from GPIO pin2&4 or better

2.3.12.4. USB C 5V/3A or better

2.3.12.5. GPIO +5V - Power from GPIO pin2&4 or better

2.3.13. Size: approximately 85mm x 54mm

2.4. Inverter - Pure Sine Wave, 2pcs / 6,000 KED

2.4.1. Peak Power: 1000W or better

2.4.2. Continuous Power: 500W or better

2.4.3. Input Voltage: 12V

2.4.4. Output Voltage: 220V ±10V

2.4.5. Output Frequency: 60Hz

2.4.6. Conversion Efficiency: at least 90%

2.4.7. Compatible Voltage: 9.5V – 12V – 14.8V

2.4.8. Output Waveform: Pure Sine Wave

2.4.9. Product Size: approximately 220x98x55mm

2.4.10. Weight: approximately 0.75kg

2.5. Warning Light, 5pcs / 1,100 KED

2.5.1. Type: LED Rotary

2.5.2. Rated Voltage: 12V

2.5.3. Rated Current: 120mA

2.5.4. Installation method: screw fixing

2.5.5. Dimension: approximately 102x155mm

3. Warranty

3.1. Supplier warrants the item against defects in manufacturing and shipping and delivery issues.

3.2. Defective and incorrect items shall be replaced.

3.3. Warranty Period: at least six months.

		<p>4. Payment and Delivery Terms</p> <p>4.1. Price is inclusive of government taxes, delivery, etc.</p> <p>4.2. Supplier to provide breakdown of price per item.</p> <p>4.3. Delivery: 45 days upon issuance of NTP.</p> <p>4.4. To be delivered to UP NEC Room 409.</p> <p>(Please see attached quotation.)</p>			
2	Lot	<p><b>Various Technical Supplies</b></p> <p>1. Objective</p> <p>1.1. Various technical supplies for research and development.</p> <p>1.2. Scope of service: supply and delivery of various technical supplies</p> <p>2. Technical Specifications</p> <p>2.1. Foldable Pill Storage, 5pcs <i>600 OSMB</i></p> <p>2.1.1. Material: Plastic, BPA-free</p> <p>2.1.2. Three-fold, eight compartments or better</p> <p>2.1.3. Locking buckle</p> <p>2.2. Mobile Whiteboard <i>8,500 FGF Semi</i></p> <p>2.2.1. Quantity: 1 pc</p> <p>2.2.2. Aluminum frame</p> <p>2.2.3. Size: 900 x 1200mm or better</p> <p>2.2.4. Material: Dry erase steel and fiberboard</p> <p>2.2.5. Foldable pen tray</p> <p>2.2.6. Caster wheels with brake</p> <p>2.2.7. Included items</p> <p>2.2.7.1. Mobile whiteboard</p> <p>2.2.7.2. 1 x eraser</p> <p>2.2.7.3. 2 x whiteboard pen</p> <p>2.2.7.4. 4 x magnets</p> <p>2.3. Mobile TV Stand, 2pcs <i>4,600 FGF</i></p> <p>2.3.1. Suitable for 32 – 70 inch TVs</p> <p>2.3.2. Weight capacity: up to 100kg</p> <p>2.3.3. Adjustable height</p> <p>2.3.4. Adjustable angle</p> <p>2.3.5. Adjustable trays</p> <p>2.3.6. Wheel brakes</p> <p>2.4. Metal File Set, 2 sets <i>400 OSME</i></p> <p>2.4.1. For grinding and polishing of metallic and non-metallic materials</p> <p>2.4.2. Material: Steel</p> <p>2.4.3. Quantity per set: 10pcs</p> <p>2.4.3.1. Flat file</p> <p>2.4.3.2. Pointed flat file</p> <p>2.4.3.3. Half-round file</p> <p>2.4.3.4. Oval file</p> <p>2.4.3.5. Triangular file</p> <p>2.4.3.6. Single-sided file</p> <p>2.4.3.7. Round file</p> <p>2.4.3.8. Rounded file</p> <p>2.4.3.9. Square file</p> <p>2.4.3.10. Knife-shaped file</p> <p>2.5. Heavy Duty Lifter Transport Tool, 2 sets <i>1,900 FGF</i></p> <p>2.5.1. Material: Steel + ABS + PVC</p> <p>2.5.2. Triangular plate: approximately 17.9x17.9x23cm</p> <p>2.5.3. Tear strip length: approximately 34.5cm</p> <p>2.5.4. Weight: approximately 2558g</p> <p>2.5.5. Items included</p> <p>2.5.5.1. 4 x corner shifters</p> <p>2.5.5.2. 1 x lifting tool</p> <p>2.6. Stainless Steel Tube, 20pcs <i>3000 OSME</i></p>	1	P59,980.00	P59,980.00

2.6.1. Stainless Steel Grade: 304  
2.6.2. Length: 2ft  
2.6.3. Thickness: 1.2mm  
2.6.4. Diameter: 1/2"

2.7. Connector - Molex Receptacle Housing, 100pcs 1,500 05M6  
2.7.1. Molex 00503755033 or equivalent  
2.7.2. Connector Type: Receptacle  
2.7.3. Contact Type: Female Socket  
2.7.4. Number of Positions: 3  
2.7.5. Pitch: 0.098" (2.50mm)  
2.7.6. Number of Rows: 1  
2.7.7. Mounting Type: Free Hanging (In-Line)  
2.7.8. Contact Termination: Crimp  
2.7.9. Fastening Type: Locking Ramp

2.8. Connector - Molex Contact, 100pcs 875 05M6  
2.8.1. Molex 0008701039 or equivalent  
2.8.2. Contact Termination: Crimp  
2.8.3. Wire Gauge: 22-28 AWG  
2.8.4. Contact Finish: Tin

2.9. Connector - JST Receptacle Housing, 100pcs 875 05M6  
2.9.1. JST EHR-3 or equivalent  
2.9.2. Connector Type: Receptacle  
2.9.3. Contact Type: Female Socket  
2.9.4. Number of Positions: 3  
2.9.5. Pitch: 0.098" (2.50mm)  
2.9.6. Number of Rows: 1  
2.9.7. Mounting Type: Free Hanging (In-Line)  
2.9.8. Contact Termination: Crimp

2.10. Connector - JST Contact, 100pcs 4,100 05M6  
2.10.1. JST ASEHSEH22k102 or equivalent  
2.10.2. Contact End: Socket to Socket  
2.10.3. Length: 4.00" (101.60mm)  
2.10.4. Wire Gauge: 22 AWG  
2.10.5. Contact Finish: Tin

2.11. Connector - Molex Receptacle Housing, 1,500 05M6  
100pcs  
2.11.1. Molex 0009503021 or equivalent  
2.11.2. Connector Type: Receptacle  
2.11.3. Pitch: 0.156" (3.96mm)  
2.11.4. Number of Rows: 1  
2.11.5. Contact Termination: Crimp  
2.11.6. Fastening Type: Locking Ramp

2.12. Connector - Molex Contact, 100pcs 1,500 05M6  
2.12.1. Molex 008520072 or equivalent  
2.12.2. Contact Termination: Crimp  
2.12.3. Wire Gauge: 18-24 AWG  
2.12.4. Contact Finish: Tin

2.13. Metal Insert - M3, 2 packs 600 05M6  
2.13.1. Material: Brass  
2.13.2. Size: M3  
2.13.3. Type: Heat-set, Counter Threaded  
2.13.4. Quantity per pack: 100pcs  
2.13.5. Suitable for thermoplastics

2.14. Metal Insert - M5, 2 packs 3,400 05M6  
2.14.1. Material: Brass  
2.14.2. Size: M5  
2.14.3. Type: Heat-set, Counter Threaded  
2.14.4. Quantity per pack: 100pcs  
2.14.5. Suitable for thermoplastics

2.15. M3 Screw Set, 1 set 5,300 05M6  
2.15.1. Head: Hex Socket Pan Head

2.15.2. Size/Material: M3, Stainless Steel

2.15.3. Quantity per size

2.15.3.1. 110 pcs 4mm screws

2.15.3.2. 110 pcs 5mm screws

2.15.3.3. 110 pcs 6mm screws

2.15.3.4. 110 pcs 8mm screws

2.15.3.5. 110 pcs 10mm screws

2.15.3.6. 110 pcs 12mm screws

2.15.3.7. 110 pcs 14mm screws

2.15.3.8. 110 pcs 16mm screws

2.15.3.9. 110 pcs 18mm screws

2.15.3.10. 110 pcs 20mm screws

2.15.3.11. 110 pcs 25mm screws

2.15.3.12. 110 pcs 30mm screws

2.15.4. 110pcs nuts

2.15.5. 300pcs flat washers

2.15.6. 100pcs lock nuts

2.16. M5 Screw Set, 1 set *6,450 05mE*

2.16.1. Head: Hex Socket Cap Head

2.16.2. Size/Material: M5, Stainless Steel

2.16.3. Quantity per size

2.16.3.1. 20pcs 6mm screws

2.16.3.2. 20pcs 8mm screws

2.16.3.3. 20pcs 10mm screws

2.16.3.4. 20pcs 12mm screws

2.16.3.5. 20pcs 14mm screws

2.16.3.6. 20pcs 16mm screws

2.16.3.7. 20pcs 18mm screws

2.16.3.8. 20pcs 20mm screws

2.16.3.9. 20pcs 25mm screws

2.16.3.10. 20pcs 30mm screws

2.16.3.11. 20pcs 35mm screws

2.16.3.12. 20pcs 40mm screws

2.16.4. 100pcs nuts

2.16.5. 300pcs flat washers

2.16.6. 60pcs lock nuts

2.17. Tapping Tool Set, 1 set *150 - 05mE*

2.17.1. 5-pc Metric tapping screw

2.17.2. Size: M3, M4, M5, M6, M8

2.17.3. Material: Steel

2.18. T-Nut - M3, 1 pack *420 - 05mE*

2.18.1. Suitable for 2020 profile

2.18.2. Material: Carbon steel 4.8 class or better

2.18.3. Surface treatment: Nickel plated

2.18.4. Thread size: M3

2.18.5. Quantity per pack: at least 90pcs

2.19. T-Nut - M5, 1 pack *450 05mE -*

2.19.1. Suitable for 2020 profile

2.19.2. Material: Carbon steel 4.8 class or better

2.19.3. Surface treatment: Nickel plated

2.19.4. Thread size: M5

2.19.5. Quantity per pack: at least 90pcs

2.20. Webcam *6,130 ICT Equipment*

2.20.1. Quantity: 1 unit

2.20.2. Full-HD Video Calling

2.20.3. Full-HD Glass Lens (5-element glass lens)

2.20.4. Equipped with automatic HD autofocus and light correction

2.20.5. Dual Microphones

2.20.6. Max Resolution: 1080p/30fps - 720p/30fps or better

2.20.4. Focus type: autofocus

2.20.5. Built-in mic: stereo

2.20.6. Tripod-ready universal clip fits laptops, LCD or monitors

2.20.7. Cable length: at least 5 ft. (1.5 m)  
2.20.8. Field of view: 78 degrees or better

2.21. Step-Down Transformer, 1 unit *5,000 office Equipment*  
2.21.1. Input: 220VAC 60Hz  
2.21.2. Output: 110VAC 60Hz  
2.21.3. Capacity: at least 500W  
2.21.4. Coil: 99.9% Copper  
2.21.5. Outlet: at least one  
2.21.6. On/Off Switch: yes  
2.21.7. Fuse: yes  
2.21.8. Powder-coated metal casing

2.22. Ferrule Kit, 1 set *1,300 .asmE*  
2.22.1. Ferrule Crimping Tool  
2.22.1.1. HSC8 6-6A compatible  
2.22.1.2. Crimping Range: 0.25 - 6mm<sup>2</sup> or better  
2.22.1.3. Wire Range: AWG23 – AWG10 or better  
2.22.2. 1,200-piece Ferrule Kit  
2.22.2.1. Plastic Case  
2.22.2.2. at least 200pcs E0508 White Ferrule size 0.5 mm<sup>2</sup>  
2.22.2.3. at least 200pcs x E7508 Grey Ferrule size 0.75 mm<sup>2</sup>  
2.22.2.4. at least 200pcs x E1008 Red Ferrule size 1.0 mm<sup>2</sup>  
2.22.2.5. at least 250pcs x E1508 Black Ferrule size 1.5mm<sup>2</sup>  
2.22.2.6. at least 250pcs x E2508 Blue Ferrule size 2.5mm<sup>2</sup>  
2.22.2.7. at least 50pcs x E4009 Grey Ferrule size 4mm<sup>2</sup>  
2.22.2.8. at least 25pcs x E6012 Yellow Ferrule size 6mm<sup>2</sup>  
2.22.2.9. at least 25pcs E10-12 Red Ferrule size 10mm<sup>2</sup>

2.23. Air Duster, 1 unit *3000 Office Equipment Semi*  
2.23.1. Air Thrust: 70 m/s or better  
2.23.2. Motor Maximum Speed: 60,000 RPM or better  
2.23.3. Full grip handle  
2.23.4. Built-in LED: Yes  
2.23.5. Charging port: USB Type C  
2.23.6. Items included  
2.23.6.1. Air Duster  
2.23.6.2. Brush  
2.23.6.3. Nozzle  
2.23.6.4. USB Cable

### 3. Warranty

3.1. Supplier warrants the item against defects in manufacturing and shipping and delivery issues.  
3.2. Defective and incorrect items shall be replaced.  
3.3. Warranty Period: at least six months.

### 4. Payment and Delivery Terms

4.1. Price is inclusive of government taxes, delivery, etc.  
4.2. Supplier to provide breakdown of price per item.  
4.3. Delivery: 45 days upon issuance of NTP.  
4.4. To be delivered to UP NEC Room 409.

(Please see attached quotation.)


3	Piece	<b>Fiber Optic Cable</b> 1. Objective 1.1. Fiber optic cable for data networking. 1.2. Scope of service: supply and delivery of fiber optic cable  2. Technical Specifications 2.1. Length: at least 200m 2.2. Termination: LC-LC 2.3. No. of cores: at least two 2.4. Suitable for outdoor use  3. Warranty 3.1. Supplier warrants the item against defects in manufacturing and shipping and delivery issues. 3.2. Defective and incorrect items shall be replaced. 3.3. Warranty Period: at least six months.  4. Payment and Delivery Terms 4.1. Price is inclusive of government taxes, delivery, etc. 4.2. Supplier to provide breakdown of price per item. 4.3. Delivery: 45 days upon issuance of NTP. 4.4. To be delivered to UP NEC Room 409.  (Please see attached quotation.)	1	P29,500.00	P29,500.00 <i>29,500.00</i>
				<b>TOTAL:</b>	<b>P375,980.00</b>
<b>(Total Amount in Words)</b>		<b>Three Hundred Seventy Five Thousand Nine Hundred Eighty Pesos Only</b>			

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 Franz A. De Leon

\_\_\_\_\_  
(Date)

<b>Fund Cluster:</b>	<u>01</u>	ORS / BURS No.:	<u>011011012023-08-000580</u>
<b>Funds Available:</b>	<u>PHP 375,980.00</u>	ORS / BURS Date:	<u>August 2, 2023</u>
		Amount:	<u>₱ 375,980.00</u>
 <b>GAY CONCEPCION S. BUGAGAO</b> Accountant III			





Republic of the Philippines  
Department of Science and Technology

**ADVANCED SCIENCE AND TECHNOLOGY INSTITUTE**



25 July 2023

**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	: <b>Supply and Delivery of One (1) Lot Various Items for Prototyping and Other Items</b>
Purchase Request No.	: <b>GAA-23-05-16665</b>
Purchase / Work Order No.	: <b>23-07-136</b>
Total Contract Price	: <b>Php 375,980.00</b>
(inclusive of taxes, import duties and all other charges or fees)	
Total Contract Price in Words	: <b>Three Hundred Seventy Five Thousand Nine Hundred Eighty Pesos</b>

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

DATE OF ISSUANCE:

RECEIVED BY:

\_\_\_\_\_

\_\_\_\_\_  
Signature over Printed Name

\_\_\_\_\_  
Date and Time

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