



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

**PURCHASE ORDER**

<b>Supplier:</b>	<b>Ace Electronic Technology, Inc.</b>	<b>PO No.:</b>	<b>21-06-119</b>
<b>Address:</b>	<b>12 Timog Avenue, Barangay Laging Handa Quezon City</b>	<b>PO Date:</b>	<b>June 28, 2021</b>
<b>TIN:</b>	<b>005-423-495-000</b>	<b>Mode of Procurement:</b>	<b>NP: 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>ASTI Bldg., C.P. Garcia Ave., U.P. Technology Park Complex, U.P. Campus, Diliman, Quezon City 1101</b>	<b>Delivery Term:</b>	<b>Sixty (60) 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	Piece	<p><b>Depth Camera - Global Shutter</b>            Use environment: Indoor/Outdoor            Image sensor technology: Global Shutter, 3µm × 3µm pixel size            Ideal Range: .6 m to 6 m            Inertial measurement unit: BMI055 or equivalent/higher            Depth technology: Active IR Stereo            Minimum Depth Distance (Min-Z) at Max Resolution: ~52 cm or nearer            Depth Accuracy: &lt;2% at 4 m            Depth Field of View (FOV): 86° × 57° (±3°) or wider            Depth output resolution: Up to 1280 × 720 or higher            Depth frame rate: Up to 90 fps or higher            RGB frame resolution: Up to 1280 × 800 or higher            RGB frame rate: 30 fps or higher            RGB sensor technology: Global Shutter            RGB sensor FOV (H × V): 90 × 65° (±3) or wider            RGB sensor resolution: 1 MP or higher            Camera module: D450 or equivalent/higher            Vision Processor Board: Vision Processor D4 or equivalent/higher            Form factor: Camera Peripheral            Length × Depth × Height: 124 mm × 26 mm × 29 mm            Connectors: at least USB-C* 3.1 Gen            Mounting mechanism: One 1/4-20 UNC thread mounting point, Two M4 thread mounting points, and Tripod</p> <p>- Inclusive of government taxes, delivery, etc.            - Delivery: 60 days upon issuance of NTP</p> <p><i>(Please see attached quotation.)</i></p>	1	₱17,550.00	₱17,550.00

2	Piece	<p><b>Relay Module - 8-channel</b>  - 8-channel SPDT  - 250VAC 10A, 28VDC 10A  - Indicator LEDs  - 5V control voltage  - 3.3V and 5V logic compatible</p> <p>- Inclusive of government taxes, delivery, etc.  - Delivery: 60 days upon issuance of NTP</p> <p><i>(Please see attached quotation.)</i></p>	2	<b>₱300.00</b>	<b>₱600.00</b>
3	Piece	<p><b>Power Inverter</b>  Size: 24.7*10.2*5.4cm  Material: Aluminium alloy  Peak power: 12000W  Rated power:10000W  Digital display: input / output voltage  Input voltage: DC 12V  Output voltage: 220VAC/50Hz±3Hz  USB output: 5VDC-2.1A/1A/2.4A/1A (4USB interface)  Plug: universal plug *3  No-load current: 0.9A  Conversion Efficiency: ≥95%  Protection function: overload, over temperature, high voltage, low voltage, reverse connection and short circuit, intelligent temperature control, 4USB output interface, universal US plug, double screens, which can be used for small power appliances (except inductive load electric appliances and motor products).  Low Voltage Alarm: 10.4V - 11V  Low Voltage Shut Down: 9.7V - 10.3V  Over Voltage Shut Down: 14.5V - 15.5V  Weight: approx. 1080g  Package Includes:  1*12000W DC12 To 220V Solar Inverter  1*Cable With Clamp  1*Car charger</p> <p>- Inclusive of government taxes, delivery, etc.  - Delivery: 60 days upon issuance of NTP</p> <p><i>(Please see attached quotation.)</i></p>	2	<b>₱5,449.00</b>	<b>₱10,898.00</b>
4	Piece	<p><b>Universal Windshield Washer Kit</b>  Voltage: 12V  Pump Pressure: 170KPA  Tank Capacity: 1.8L  Kit includes:  - Washer Tank with Pump  - Hose/Tube  - Fittings  - Electrical Connectors  - Bolts and Nuts  - Nozzles  - Mounting</p> <p>- Inclusive of government taxes, delivery, etc.  - Delivery: 60 days upon issuance of NTP</p> <p><i>(Please see attached quotation.)</i></p>	3	<b>₱820.00</b>	<b>₱2,460.00</b>

5	Piece	<p><b>Adjustable Nozzle - 5-Head</b>  Item Type: Micro Irrigation System  Material: PVC  Color: Black  Product Length: Approx.54cm/21.26in  Weight: Approx.63g/2.2oz  Package List:  1 x Water Pipe  1 x Heavy Ball  5 x Gray Nozzle  1 x Cross-Head Nozzle</p> <p>- Inclusive of government taxes, delivery, etc.  - Delivery: 60 days upon issuance of NTP</p> <p><i>(Please see attached quotation.)</i></p>	4	<b>₱240.00</b>	<b>₱960.00</b>
6	Piece	<p><b>Windshield Washer Check Valve</b>  ABS Check Valve for Windshield Washer  Compatible with 4mm x 7mm hose</p> <p>- Inclusive of government taxes, delivery, etc.  - Delivery: 60 days upon issuance of NTP</p> <p><i>(Please see attached quotation.)</i></p>	4	<b>₱575.00</b>	<b>₱2,300.00</b>
7	Piece	<p><b>Windshield Washer Hose</b>  Inner diameter: 4mm  Outer diameter: 7mm  Length: 3m</p> <p>- Inclusive of government taxes, delivery, etc.  - Delivery: 60 days upon issuance of NTP</p> <p><i>(Please see attached quotation.)</i></p>	1	<b>₱1,450.00</b>	<b>₱1,450.00</b>
8	Pack	<p><b>Windshield Washer Connector</b>  Connectors for 4mm Hose  Pack contains (36 pieces per pack):  I-type: 2-way hose connector (12PCS)  T-type: 3-way hose connector (12PCS)  Y-type: 3-way hose connector (12PCS)</p> <p>- Inclusive of government taxes, delivery, etc.  - Delivery: 60 days upon issuance of NTP</p> <p><i>(Please see attached quotation.)</i></p>	2	<b>₱138.00</b>	<b>₱276.00</b>
9	Piece	<p><b>Liquid Level Sensor - Analog</b>  Material: Plastic  Color: Black  Switch Power (Max): 10W  Switching Voltage (Max): 100V  Switching Current (Max): 0.5A  Breakdown Voltage (Max): 220VDC  Carry current (Max): 1A  Contract Resistance: 100 milli-ohm  Temperature Rating: -20°C ~ +80°C  Float Length: 85 mm / 3.35"  Cable Length: 37.7cm</p> <p>- Inclusive of government taxes, delivery, etc.  - Delivery: 60 days upon issuance of NTP</p> <p><i>(Please see attached quotation.)</i></p>	2	<b>₱178.00</b>	<b>₱356.00</b>

10	Piece	<b>Latching Button - Emergency Stop</b> Button Diameter: 40mm/ 1.6" Mount Hole Diameter: 22mm / 7/8" Fit Panel Thickness(adjustable): 6mm / 15/64"(max.) Size: 60 x 70mm/ 2.4" x 2.8" (Max.D*H) Cap Lamp: Red Material: Plastic,Metal Weight: 46g 4 terminals, 22mm mounting hole, 1NO+1NC contact type, red mushroom emergency stop latching push button switch with yellow cap  - Inclusive of government taxes, delivery, etc. - Delivery: 60 days upon issuance of NTP  (Please see attached quotation.)	4	P135.00	P540.00
11	Pack	<b>Limit Switch</b> 10 pcs per pack Operating temperature: -40°C to 70°C Rated voltage: AC 125V-250V Current rating: 5A Size: 20 x 10 x 6mm (L X W X H) PCB Terminals Circuit Board Connections: NO + NC With Roller Lever Limit  - Inclusive of government taxes, delivery, etc. - Delivery: 60 days upon issuance of NTP  (Please see attached quotation.)	3	P120.00	P360.00
<b>TOTAL:</b>					<b>P37,750.00</b>
<b>(Total Amount in Words)</b>		<b>Thirty Seven Thousand Seven Hundred Fifty 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,

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 (Signature over Printed Name of Supplier)

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

*franz*  
Digitally signed by  
 Callao Reynaldo  
 Joseph Alderson Jr.  
 Date: 2021.06.29  
 14:28:40 +08'00'

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 (Date)

<b>Fund Cluster:</b>	<u>01</u>	ORS / BURS No.:	<u>011011012021-07-000357</u>
		ORS / BURS Date:	<u>July 1, 2021</u>
<b>Funds Available:</b>	<u>P 37,750.00</u>	Amount:	<u>₱ 37,750.00</u>
<b>GAY CONCEPCION S. BUGAGAO</b> _____ Accountant III			



28 June 2021

**NOTICE TO PROCEED**  
 ALTERNATIVE MODE OF PROCUREMENT

**Ms. MARIBELLE UY**  
 Assistant to the Vice President  
**Ace Electronic Technology, Inc.**  
 12 Timog Avenue, Barangay Laging Handa  
 Quezon City

Dear Ms. Uy,

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

Contract Name	: <b>Supply and Delivery of Depth Camera - Global Shutter and Other Items</b>
Purchase Request No.	: <b>GAA-21-05-11325</b>
Purchase / Work Order No.	: <b>21-06-119</b>
Total Contract Price	: <b>Php 37,750.00</b>
(inclusive of taxes, import duties and all other charges or fees)	
Total Contract Price in Words	: <b>Thirty Seven Thousand Seven Hundred Fifty Pesos</b>

Upon issuance of this Notice, your company, **Ace Electronic Technology, Inc.** 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

*[Handwritten Signature]*  
Digitally signed by Carlos Reynaldo Joseph Aldecoa Jr.  
 Date: 2021.06.29 14:27:13 +0800

DATE OF ISSUANCE:

RECEIVED BY:

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

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

Postal Address : ASTI Bldg., U.P. Technology Park Complex,  
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ASTI—FM 03-19  
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