



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:	ACE ELECTRONIC TECHNOLOGY, INC.	PO No.:	24-10-249
Address:	12 Timog Ave., Brgy. Laging Handa, Quezon City	PO Date:	October 29, 2024
TIN:	005-423-495-000	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	Set	<p>Sensor - Sonar Altimeter and Echosounder</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 SONAR ALTIMETER AND ECHOSOUNDER to be used to measure distances underwater.</p> <p>1.2. The ABC includes all applicable government taxes and services charges.</p> <p>2. TECHNICAL SPECIFICATIONS</p> <p>2.1. Electrical:</p> <p>2.1.1. Supply voltage: 4.5 – 5.5 V</p> <p>2.1.2. Logic level voltage: 3.3 V (5 V tolerant)</p> <p>2.1.3. Current draw:</p> <p>2.1.3.1. Typical: 100 mA</p> <p>2.1.3.2. Peak: 900 mA</p> <p>2.2. Communication:</p> <p>2.2.1. Signal protocol: TTL Serial (UART)</p> <p>2.2.2. Baud rates: 115200 bps (default), 9600 bps</p> <p>2.2.3. Message protocol: Ping</p> <p>2.3. Cable:</p> <p>2.3.1. Length: 875 mm / 34.5 in</p> <p>2.3.2. Maximum: 8 m / 26 ft</p> <p>2.3.3. Conductor gauge: 24 AWG</p> <p>2.4. Wires:</p> <p>2.4.1. Black: GND</p> <p>2.4.2. Red: VIN</p> <p>2.4.3. White: TX (Out)</p>	1	P39,888.00	P39,888.00

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>2.4.4. Green: RX (In)</p> <p>2.5. Acoustics:</p> <p>2.5.1. Frequency: 115 KHz</p> <p>2.5.2. Source level: 198 dB re 1 uPa @ 1 m</p> <p>2.5.3. Beamwidth (-3 dB from peak): 25 degrees</p> <p>2.5.4. Range:</p> <p>2.5.4.1. Minimum: 0.3 m / 1 ft</p> <p>2.5.4.2. Usable: 100 m / 328 ft</p> <p>2.5.4.3. Resolution: 0.5% of range</p> <p>2.5.4.4. Resolution @ 100 m (water range, not measured range): 50 cm / 19.7 in</p> <p>2.5.4.5. Resolution @ 2 m (water range, not measured range): 1 cm / 0.4 in</p> <p>2.6. Physical:</p> <p>2.6.1. Depth rating: 300 m / 984 ft</p> <p>2.6.2. Temperature range: 0-30 degrees Celsius / 32-86 degrees Fahrenheit</p> <p>2.7. Mounting bracket screw size: M5X16 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 the fabrication and components.</p> <p>3.2. Warranty service shall commence from the date of end-user acceptance.</p> <p>3.3. Any repair or replacement service must be performed within fifteen (15) calendar days upon receipt of notice from DOST-ASTI.</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 items are completely delivered, inspected, and accepted by the End-user.</p> <p>4.3. No payment shall be made for item/s not delivered under this contract.</p> <p>(Please see attached quotation.)</p>			
			TOTAL:	₱39,888.00
(Total Amount in Words)			Thirty Nine Thousand Eight Hundred Eighty 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,




FRANZ A. DE LEON, Ph.D.

Director, DOST-ASTI

Digitally signed
by Franz
Benjamin R. Lara

(Signature over Printed Name of Supplier)

(Date)

Fund Cluster:	<u>01</u>	ORS / BURS No.:	<u>02101012029-10-000932</u>
Funds Available:	<u>PHP 39,888.00</u>	ORS / BURS Date:	<u>OCTOBER 29, 2029</u>
		Amount:	<u>₱ 39,888.00</u>
 GAY CONCEPCION S. BUGAGAO Accountant III			



Republic of the Philippines

**DEPARTMENT OF SCIENCE AND TECHNOLOGY
ADVANCED SCIENCE AND TECHNOLOGY INSTITUTE**



29 October 2024

**NOTICE TO PROCEED
ALTERNATIVE MODE OF PROCUREMENT**

Ms. MARIBELLE UY
General Manager
ACE ELECTRONIC TECHNOLOGY, INC.
#12 Timog Ave., Brgy. Laging Handa
Quezon City, 1103

Dear Ms. Uy,

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

Contract Name	: Supply and Delivery of One (1) Set Sensor - Sonar Altimeter and Echosounder
Purchase Request No.	: GAA-24-08-19746
Purchase / Work Order No.	: 24-10-249
Total Contract Price	: Php 39,888.00
(inclusive of taxes, import duties and all other charges or fees)	
Total Contract Price in Words	: Thirty Nine Thousand Eight Hundred Eighty Eight Pesos

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. Digitally signed by Bayani Benjamin R. Lara
 Director

DATE OF ISSUANCE:

November 5, 2024

RECEIVED BY:

Signature over Printed Name

Date and Time

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ASTI - FM 03-19 REV 2 / 05 October 2023
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