



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.:	23-11-222
Address:	12 Timog Avenue, Barangay Laging Handa, Quezon City	PO Date:	November 6, 2023
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	Lot	<p>PCB Fabrication and Assembly 1GENERAL OVERVIEW 1.1. The Advanced Science and Technology Institute (ASTI) is seeking qualified and competent bidders for the PCB FABRICATION AND ASSEMBLY OF ONE (1) LOT OF COMMAND AND DATA HANDLING (C&DH) BASE BOARD EM1 which will be used for arQ 2.0 prototyping. 1.2. The Approved Budget for the Contract includes all applicable government taxes and services charges. 1.3. Detailed specs based on actual manufacturing files from the end-user shall be observed.</p> <p>2TECHNICAL SPECIFICATIONS 2.1. PCB Fabrication Only 2.1.1. Quantity: Five (5) pcs 2.1.2. PCB Fabrication Specs: 2.1.2.1. Material: FR-4: TG150 2.1.2.2. Number of layers: 4 2.1.2.3. Dimension: 60 x 85.3 mm 2.1.2.4. Board thickness: 1.6 mm 2.1.2.5. Copper weight: 1 oz. 2.1.2.6. Silkscreen: White 2.1.2.7. Surface finish: HASL with Lead 2.1.2.8. Solder mask: Green 2.1.2.9. Minimum trace width: 4/4 mil 2.1.2.10. With customized service: Plugged vias with solder mask 2.1.2.11. Hole Specs 2.1.2.11.1. Minimum hole size: 0.25 mm 2.1.2.11.2. Number of holes: 310 2.1.2.11.3. Via size: 0.25 mm 2.2. PCB Assembly: 2.2.1. Quantity: Four (4) pcs 2.2.2. Board specs: Refer to 2.1.2 2.2.3. Assembly Specs: 2.2.3.1. Board type: Single pieces 2.2.3.2. Assembly side: Both sides</p>	1	P51,898.00	P51,898.00

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>2.2.3.3. Test method: Nail Bed/Flying Probe 2.2.3.4. Number of components: 89 2.2.3.5. Number of unique parts: 43</p> <p>3NOTES 3.1. This procurement includes: 3.1.1. Board fabrication and components assembly 3.1.2. Component sourcing based on Bill on Materials (BOM) 3.1.3. Gerber, BOM and other manufacturing files are available upon request. 3.2. Manufacturing files will be provided by the end-user once the supplier has signed the Non-Disclosure Agreement.</p> <p>4WARRANTY AND AFTER-SALES SUPPORT 4.1. These Command and Data Handling (C&DH) boards must have at least six (6) months of warranty from the time of delivery which covers defects in components, workmanship, and fabrication issues. 4.2. Warranty service shall commence from the date of end-user acceptance. 4.3. Technical support service must be available Monday to Friday (including holidays), during business hours, 9AM –6PM Philippines Standard Time (UTC+8). 4.4. Any repair or replacement service must be successfully done within thirty (30) calendar days. 4.5. The end-user must be able to request technical support by phone, email or through a website.</p> <p>5DELIVERY AND PAYMENT TERMS 5.1. The goods must be delivered within thirty (30) calendar days upon issuance of Notice to Proceed. 5.2. Full payment will only be given once the item is completely delivered, inspected, and accepted by the end-user. 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>			
2	Lot	<p>PCB Fabrication and Assembly 1 GENERAL OVERVIEW 1.1. DOST-ASTI seeks qualified and competent bidders for the PCB FABRICATION AND ASSEMBLY OF ONE (1) LOT OF POWER CONTROL AND DISTRIBUTION MODULE (PCDM) EM0 which will be used for arQ 2.0 prototyping. 1.2. The ABC includes all applicable government taxes and services charges. 1.3. Detailed specs based on actual manufacturing files from the end-user shall be observed.</p> <p>2 TECHNICAL SPECIFICATIONS 2.1. PCB Fabrication Only 2.1.1. Quantity: Five (5) pcs 2.1.2. PCB Fabrication Specs: 2.1.2.1. Material: FR-4: TG150 2.1.2.2. Number of layers: 2 2.1.2.3. Dimension: 60 x 33 mm 2.1.2.4. Board thickness: 1.6 mm 2.1.2.5. Copper weight: 2 oz. 2.1.2.6. Silkscreen: White 2.1.2.7. Surface finish: HASL with Lead-free 2.1.2.8. Solder mask: Red</p>	1	₱24,899.00	₱24,899.00

	<p>2.1.2.9. Minimum trace width: 5/5 mil 2.1.2.10. With customized service: Tenting Vias 2.1.2.11. Hole Specs 2.1.2.11.1. Minimum hole size: 0.25 mm 2.1.2.11.2. Number of holes: 162 2.1.2.11.3. Via size: 0.25 mm</p> <p>2.2. PCB Assembly: 2.2.1. Quantity: Three (3) pcs 2.2.2. Board specs: Refer to 2.1.2 2.2.3. Assembly Specs: 2.2.3.1. Board type: Single pieces 2.2.3.2. Assembly side: Top side 2.2.3.3. Test method: Nail Bed/Flying Probe 2.2.3.4. Number of components: 84 2.2.3.5. Number of unique parts: 51</p> <p>3 NOTES 3.1. This procurement includes: 3.1.1. Board fabrication and components assembly 3.1.2. Component sourcing based on Bill on Materials (BOM) 3.1.3. Gerber, BOM and other manufacturing files are available upon request. 3.2. Manufacturing files will be provided by the end-user once the supplier has signed the Non-Disclosure Agreement.</p> <p>4 WARRANTY AND AFTER-SALES SUPPORT 4.1. These Power Control and Distribution Module (PCDM) boards must have at least six (6) months of warranty from the time of delivery which covers defects in components, workmanship, and fabrication issues. 4.2. Warranty service shall commence from the date of end-user acceptance. 4.3. Technical support service must be available Monday to Friday (including holidays), during business hours, 9AM –6PM Philippines Standard Time (UTC+8). 4.4. Any repair or replacement service must be successfully done within thirty (30) calendar days. 4.5. The end-user must be able to request technical support by phone, email or through a website.</p> <p>5 DELIVERY AND PAYMENT TERMS 5.1. The goods must be delivered within thirty (30) calendar days upon issuance of Notice to Proceed. 5.2. Full payment will only be given once the item is completely delivered, inspected, and accepted by the end-user. 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>			
			TOTAL:	P76,797.00
(Total Amount in Words)			Seventy Six Thousand Seven Hundred Ninety Seven 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.


B. De Leon

Digital signed by Franz A. De Leon

Director, DOST-ASTI

(Signature over Printed Name of Supplier)

(Date)

Fund Cluster:	<u>01</u>	ORS / BURS No.:	<u>011011062023-11-000859</u>
Funds Available:	<u>PHP 76,797.00</u>	ORS / BURS Date:	<u>NOVEMBER 07, 2023</u>
		Amount:	<u>₱ 76,797.00</u>
 GAY CONCEPCION S. BUGAGAO Accountant III			



06 November 2023

NOTICE TO PROCEED
ALTERNATIVE MODE OF PROCUREMENT

Ms. MARIBELLE UY
 General Manager
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	: Supply and Delivery of Two (2) Lots PCB Fabrication and Assembly
Purchase Request No.	: GAA-23-09-17714
Purchase / Work Order No.	: 23-11-222
Total Contract Price	: Php 76,797.00
(inclusive of taxes, import duties and all other charges or fees)	
Total Contract Price in Words	: Seventy Six Thousand Seven Hundred Ninety Seven 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. Diploma signed by
Engr. Francisco S. Lora
 Director

DATE OF ISSUANCE:

NOV 09 2023

RECEIVED BY:

 Signature over Printed Name

 Date and Time

Postal Address : ASTI Bldg., U.P. Technology Park Complex,
 CP Garcia Ave., Diliman, Quezon City 1101
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ASTI-FM 03-19
 REV 2 / 05 October 2023