

10/4/2023
9:39 AM

DO 2023-10-0004
ORS 2023-10-000764



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

Supplier:	ACE ELECTRONIC TECHNOLOGY, INC.	PO No.:	23-10-201
Address:	12 Timog Avenue, Barangay Laging Handa, Quezon City	PO Date:	October 3, 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	Piece	<p>Mechanical Fastener - Fulcrum stepped screw hexagonal hole</p> <p>1. GENERAL OVERVIEW 1.1. DOST-ASTI seeks qualified and competent bidders for the SUPPLY AND DELIVERY OF TEN (10) PCS OF FULCRUM STEPPED SCREW HEXAGONAL, to be used in the operation of arQ. 1.2. The ABC includes all applicable government taxes and services charges.</p> <p>2. TECHNICAL SPECIFICATIONS 2.1. Basic Shape: Hexagonal Hole 2.2. Shaft specs: 2.2.1. Diameter (mm): Ten 2.2.2. Tolerance: Normal grade (-0.01/-0.05) 2.3. Screw diameter: 6 2.4. Hardness: No quenching 2.5. Material: Stainless 2.6. Surface Treatment: None 2.7. Detail Harness: No quenching 2.8. Material: SUS303</p> <p>3. WARRANTY 3.1. Must have at least six (6) months of warranty from the time of delivery which covers defects in materials. 3.2. Warranty service shall commence from the date of end-user acceptance. 3.3. Any replacement service must be successfully performed within fifteen (15) calendar days.</p> <p>DELIVERY AND PAYMENT TERMS 4.1. The goods must be delivered within thirty (30) calendar days upon issuance of NTP. 4.2. Full payment will only be given once the item is completely delivered, inspected, and accepted by the End-user. 4.3. No payment shall be made for the supplies and materials not yet delivered under this contract.</p> <p>(Please see attached quotation.)</p>	10	₱700.00	₱7,000.00

Other
Supplies

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	Piece	<p>Mechanical Accessories - Special Tool Screw Wrench</p> <p>1. GENERAL OVERVIEW</p> <p>1.1. DOST-ASTI seeks qualified and competent bidders for the SUPPLY AND DELIVERY OF THREE (3) PCS OF SPECIAL TOOL SCREW WRENCH, to be used in the operation of arQ.</p> <p>1.2. The ABC includes all applicable government taxes and services charges.</p> <p>2. TECHNICAL SPECIFICATIONS</p> <p>2.1. Material: Alloy Steel</p> <p>2.2. Hardness: 43 ~ 53 HRC</p> <p>2.3. Applicable Bolt Size: 8 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 materials.</p> <p>3.2. Warranty service shall commence from the date of end-user acceptance.</p> <p>3.3. Any replacement service must be successfully performed within fifteen (15) calendar days.</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 given once the item is completely delivered, inspected, and accepted by the End-user.</p> <p>4.3. No payment shall be made for the supplies and materials not yet delivered under this contract.</p> <p>(Please see attached quotation.)</p>	3	P700.00	P2,100.00
3	Kit	<p>Development Kit - LTE Cat 1</p> <p>1. GENERAL OVERVIEW</p> <p>1.1. DOST-ASTI seeks qualified and competent bidders for the SUPPLY AND DELIVERY OF ONE (1) KIT OF SIMSCOM A7672 LTE Cat1 KIT (EVALUATION AND TERMINAL BOARDS) that must be compatible with existing LTE SIMCOM environment used by ESG for evaluating, testing, and implementing the functionalities into the arQ 2.0 prototype LTE board.</p> <p>1.2. The ABC includes all applicable government taxes and services charges.</p> <p>2. TECHNICAL SPECIFICATIONS</p> <p>2.1. With embedded A7672S-FASE LTE module</p> <p>2.1.1. Form Factor: LCC + LGA</p> <p>2.1.2. Frequency Bands:</p> <p>2.1.2.1. LTE-FDD: B1/B3/B5/B8</p> <p>2.1.2.2. LTE-TDD: B34/B38/B39/B40/B41</p> <p>2.1.2.3. GSM:</p> <p>2.1.2.3.1. GSM/GPRS/EDGE</p> <p>2.1.2.3.2. 900/1800 MHz</p> <p>2.1.3. GNSS/GPS-Enabled</p> <p>2.1.4. Electrical specs:</p> <p>2.1.4.1. Supply Voltage: 3.4 ~ 4.2 V</p> <p>2.1.4.2. Power: 1.5 mA @LTE</p> <p>2.1.5. Data transfer:</p> <p>2.1.5.1. LTE (Mbps): 10(DL) / 5(UL)</p> <p>2.1.5.2. EDGE (Kbps): 236.8 (DL/UL)</p> <p>2.1.5.3. GPRS (Kbps): 85.6 (DL/UL)</p> <p>2.1.6. Software:</p> <p>2.1.6.1. Protocol: TCP/IP/IPv4/IPv6/Multi-PDP/FTP/FTPS/HTTP/HTTPS/DNS/MQTT</p> <p>2.1.6.2. Android RIL: Android 5.0/6.0/7.0/8.0/9.0</p> <p>2.1.6.3. USB Driver:</p>	1	P8,550.00	P8,550.00

Technical
Specs

PFD
Append

		<p>2.1.6.3.1. Microsoft windows 7/8/10 2.1.6.3.2. Linux/Android 2.1.6.4. Firmware Upgrade: USB/FOTA 2.1.7. Interfaces: 2.1.7.1. SIM Card: 1.8 / 3.0 V 2.2. Terminal kit specs 2.2.1. With two (2) SIM card slots 2.2.2. With three (3) antenna connections 2.2.2.1. For Bluetooth 2.2.2.2. For GNSS 2.2.2.3. For main antenna 2.2.3. Connectors: 2.2.3.1. UART switch 2.2.3.2. Micro-USB connector 2.2.3.3. Camera connector 2.2.3.4. Two (2) connectors to EVB 2.2.3.5. LCD connector 2.2.4. Can be directly mounted to SIMCOM evaluation board 2.3. Evaluation board specs 2.3.1. One (1) Power button 2.3.2. One (1) Reset button 2.3.3. One (1) Power switch 2.3.4. One (1) RF switch 2.3.5. One (1) SIM card holder 2.3.6. One (1) Micro USB slot 2.3.7. One (1) Power supply jack socket plug 2.3.8. Can be integrated and must be compatible with SIMCOM A7672X terminal kit</p> <p>3. ACCESSORIES 3.1. One (1) GNSS antenna 3.2. One (1) LTE antenna 3.3. One (1) Power supply adapter 3.4. One (1) Micro USB cable</p> <p>4. WARRANTY 4.1. Must have at least six (6) months of warranty from the time of delivery which covers defects in materials. 4.2. Warranty service shall commence from the date of end-user acceptance. 4.3. Any replacement service must be successfully performed within fifteen (15) calendar days.</p> <p>5. DELIVERY AND PAYMENT TERMS 5.1. The goods must be delivered within thirty (30) calendar days upon issuance of NTP. 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>				
4	Piece	<p>Antenna Connector - RP-SMA to uFL 1. GENERAL OVERVIEW 1.1. DOST-ASTI seeks qualified and competent bidders for the SUPPLY AND DELIVERY OF TEN (1) PCS OF RP-SMA TO uFL that will be used to connect the LoRa board to LoRa antenna. 1.2. The ABC includes all applicable government taxes and services charges.</p> <p>2. TECHNICAL SPECIFICATIONS 2.1. Cable Type: RG178 2.2. Application: RF</p> <p>3. WARRANTY 3.1. Must have at least six (6) months of warranty from the time of delivery which covers defects in</p>	10	₱155.00	₱1,550.00	<p>PED Expense</p>

		<p>materials.</p> <p>3.2. Warranty service shall commence from the date of end-user acceptance.</p> <p>3.3. Any replacement service must be successfully performed within fifteen (15) calendar days.</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 given once the item is completely delivered, inspected, and accepted by the End-user.</p> <p>4.3. No payment shall be made for the supplies and materials not yet delivered under this contract.</p> <p>(Please see attached quotation.)</p>			
5	Piece	<p>Memory Storage</p> <p>1. GENERAL OVERVIEW</p> <p>1.1. DOST-ASTI seeks qualified and competent bidders for the SUPPLY AND DELIVERY OF THREE (3) PCS OF MEMORY STORAGE that will be used for storing large data from the modules being used for arQ 2.0.</p> <p>1.2. The ABC includes all applicable government taxes and services charges.</p> <p>2. TECHNICAL SPECIFICATIONS</p> <p>2.1. Capacity: at least 256 GB or better</p> <p>2.2. Sequential Read Performance: up to 190 MB/s</p> <p>2.3. Sequential Write Performance: up to 130 MB/s</p> <p>2.4. Compatibility: microSDHC, microSDXC, microSDHC UHS-I, and microSDXC UHS-I supporting host devices</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 materials.</p> <p>3.2. Warranty service shall commence from the date of end-user acceptance.</p> <p>3.3. Any replacement service must be successfully performed within fifteen (15) calendar days.</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 given once the item is completely delivered, inspected, and accepted by the End-user.</p> <p>4.3. No payment shall be made for the supplies and materials not yet delivered under this contract.</p> <p>(Please see attached quotation.)</p>	3	P1,545.00	P4,635.00
6	Piece	<p>Waterproof Image Sensor Housing</p> <p>1. GENERAL OVERVIEW</p> <p>1.1. DOST-ASTI seeks qualified and competent bidders for the SUPPLY AND DELIVERY OF ONE (1) PC OF WATERPROOF OF IMAGE SENSOR HOUSING to serve as protection of image sensor while doing its operation.</p> <p>1.2. The ABC includes all applicable government taxes and services charges.</p> <p>2. TECHNICAL SPECIFICATIONS</p> <p>2.1. Waterproof</p> <p>2.2. Deep rating until 196 ft (60 m)</p> <p>2.3. Equipped with built-in buttons for easy control and change of settings</p> <p>2.4. Can be withstand the depths and with added protection against rocks and coral</p>	1	P5,000.00	P5,000.00

Red
Expense

SEM -
TECHNICAL
SCIENTIFIC


	<p>2.5. Equipped with flat glass lens to ensure sharp underwater footage</p> <p>3. WARRANTY 3.1. Must have at least six (6) months of warranty from the time of delivery which covers defects in materials. 3.2. Warranty service shall commence from the date of end-user acceptance. 3.3. Any replacement service must be successfully performed within fifteen (15) calendar days.</p> <p>4. DELIVERY AND PAYMENT TERMS 4.1. The goods must be delivered within thirty (30) calendar days upon issuance of NTP. 4.2. Full payment will only be given once the item is completely delivered, inspected, and accepted by the End-user. 4.3. No payment shall be made for the supplies and materials not yet delivered under this contract.</p> <p>(Please see attached quotation.)</p>		
			TOTAL: P28,835.00
(Total Amount in Words)		Twenty Eight Thousand Eight Hundred Thirty Five 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. Digitally signed by Franz A. De Leon
Director, DOST-ASTI

(Date)

Fund Cluster: <u>01</u>	ORS / BURS No.: <u>011011012023-10-000704</u>
Funds Available: <u>PHP 28,835.00</u>	ORS / BURS Date: <u>OCTOBER 5, 2023</u>
	Amount: <u>P28,835.00</u>
 GAY CONCEPCION S. BUGAGAO Accountant III	



Republic of the Philippines
Department of Science and Technology

ADVANCED SCIENCE AND TECHNOLOGY INSTITUTE



03 October 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 Ten (10) Pieces Mechanical Fastener - Fulcrum stepped screw hexagonal hole and Other Items
Purchase Request No.	: GAA-23-07-17112
Purchase / Work Order No.	: 23-10-201
Total Contract Price	: Php 28,835.00
(inclusive of taxes, import duties and all other charges or fees)	
Total Contract Price in Words	: Twenty Eight Thousand Eight Hundred Thirty Five 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 Franz A. De Leon
Director

DATE OF ISSUANCE:

06 OCT 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
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

ASTI-FM 03-19
REV 1 / 13 January 2020