

OKS 2024-04-00293



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: | JASSEN HARRIS INDUSTRIES CORP.                             | PO No.:              | 24-04-077                       |
| Address:  | 1063 Tomas Mapua St., Brgy. 329 Zone 33, Sta. Cruz, Manila | PO Date:             | April 25, 2024                  |
| TIN:      | 009-248-102-000  | 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                    | Unit | <p><b>Multi-Band GNSS-RTK Module</b></p> <p><b>1. GENERAL OVERVIEW</b></p> <p>1.1. DOST-ASTI is seeking qualified and competent bidders for the Supply and Delivery of Two (2) Units of Multi-Band GNSS-RTK Module, which shall serve as part of the SAGAP prototype.</p> <p>1.2. The ABC is inclusive of all applicable government taxes and services charges.</p> <p><b>2. SPECIFICATIONS</b></p> <p>2.1. The supplier must abide by and meet the following minimum specifications:</p> <p>2.1.1. Receives both L1C/A and L2C bands</p> <p>2.1.2. Voltage: 5V or 3.3V but all logic is 3.3V</p> <p>2.1.3. Current: 68mA - 130mA (varies with constellations and tracking state)</p> <p>2.1.4. Max Altitude: 50km (31 miles)</p> <p>2.1.5. Max Velocity: 500m/s (1118mph)</p> <p>2.1.6. The Multi-Band GNSS-RTK Module must be brand new and unused.</p> <p><b>3. WARRANTY</b></p> <p>3.1. All units must carry six (6) months warranty for other parts and services that covered defects in materials and workmanship.</p> <p>3.2. Defective units should be replaced fifteen (15) calendar days upon receipt of notice from end-users or DOST-ASTI Property and Supply Section.</p> <p>3.2.1. Defective units are defined as units not working upon testing or units that have failed to work after testing within seven (7) calendar days from purchase.</p> <p><b>4. PAYMENT AND DELIVERY TERMS</b></p> <p>4.1. Delivery of goods must shall be made by the supplier within thirty (30) calendar days upon issuance of NTP.</p> <p>4.2. Payment shall be made only upon certification/acceptance by the end-user that the</p> | 2        | ₱19,000.00 | ₱38,000.00 |

1cy  
 200

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

3:30 PM



|                                |      |  |  |               |                   |
|--------------------------------|------|--|--|---------------|-------------------|
|                                |      | <p>goods have been delivered in accordance with the terms of this contract, and have been duly inspected and accepted. No payment shall be made for goods not delivered under this contract.</p> <p>4.3. The price must be inclusive of government taxes and other charges.</p> <p>(Please see attached quotation.)</p>  |  |               |                   |
| 2                              | Unit | <p><b>Low Cost SDR</b></p> <p><b>1. GENERAL OVERVIEW</b></p> <p>1.1. DOST-ASTI is seeking qualified and competent bidders for the Supply and Delivery of Two (2) Units of Low Cost SDR, which shall serve as part of the SAGAP prototype.</p> <p>1.2. The ABC is inclusive of all applicable government taxes and services charges.</p> <p><b>2. SPECIFICATIONS</b></p> <p>2.1. The supplier must abide by and meet the following minimum specifications:</p> <p>2.1.1. 1 MHz to 6 GHz operating frequency half-duplex transceiver</p> <p>2.1.2. Up to 20 million samples per second</p> <p>2.1.3. 8-bit quadrature samples (8-bit I and 8-bit Q)</p> <p>2.1.4. Compatible with GNU Radio, SDR#, and more</p> <p>2.1.5. Software-configurable RX and TX gain and baseband filter</p> <p>2.1.6. The Low Cost SDR must be brand new and unused.</p> <p><b>3. WARRANTY</b></p> <p>3.1. All units must carry six (6) months warranty for other parts and services that covered defects in materials and workmanship.</p> <p>3.2. Defective units should be replaced fifteen (15) calendar days upon receipt of notice from end-users or DOST-ASTI Property and Supply Section.</p> <p>3.2.1. Defective units are defined as units not working upon testing or units that have failed to work after testing within seven (7) calendar days from purchase.</p> <p><b>4. PAYMENT AND DELIVERY TERMS</b></p> <p>4.1. Delivery of goods must shall be made by the supplier within thirty (30) calendar days upon issuance of NTP.</p> <p>4.2. Payment shall be made only upon certification/acceptance by the end-user that the goods have been delivered in accordance with the terms of this contract, and have been duly inspected and accepted. No payment shall be made for goods not delivered under this contract.</p> <p>4.3. The price must be inclusive of government taxes and other charges.</p> <p>(Please see attachd quotation.)</p> | 2                                      | P23,000.00    | P46,000.00        |
|                                |      |  |  | <b>TOTAL:</b> | <b>P84,000.00</b> |
| <b>(Total Amount in Words)</b> |      |  | <b>Eighty-Four Thousand Pesos Only</b> |               |                   |

ICT  
LED



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:

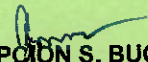
Very Truly Yours,

\_\_\_\_\_  
(Signature over Printed Name of Supplier)

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

Digitally signed  
by Benjamin A. Lora

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

|  |                      |                         |                               |
|--|----------------------|-------------------------|-------------------------------|
| <b>Fund Cluster:</b>   | <u>01</u>            | <b>ORS / BURS No.:</b>  | <u>011011012024-09-000293</u> |
|  |                      | <b>ORS / BURS Date:</b> | <u>APRIL 25, 2024</u>         |
| <b>Funds Available:</b>  | <u>Php 84,000.00</u> | <b>Amount:</b>          | <u>₱ 84,000.00</u>            |
| <br><br><b>GAY CONCEPCION S. BUGAGAO</b><br>_____<br>Accountant III |                      |                         |                               |



25 April 2024

**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 1014

Dear Mr. Sy,

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

|   |  |
|---|--|
| Contract Name   | : <b>Supply and Delivery of Two (2) Units Multi-Band GNSS-RTK Module and Other Items</b> |
| Purchase Request No.  | : <b>GAA-24-03-18791</b>   |
| Purchase / Work Order No.   | : <b>24-04-077</b>   |
| Total Contract Price  | : <b>₱84,000.00</b>  |
| (inclusive of taxes, import duties and all other charges or fees) |  |
| Total Contract Price in Words                                     | : <b>Eighty-Four Thousand 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

Digitally signed  
 by Bayani  
 Benjamin R. Lara

DATE OF ISSUANCE:

**29 APR 2024**

RECEIVED BY:

Signature over Printed Name

Date and Time