



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**

<b>Supplier:</b>	<b>SRDP Consulting, Inc.</b>	<b>PO No.:</b>	<b>SAR-AIS-22-07-002</b>
<b>Address:</b>	<b>40 Langka Street, Brgy. Quirino 2-C, Project 2, Quezon City 1102</b>	<b>PO Date:</b>	<b>July 27, 2022</b>
<b>TIN:</b>	<b>203-205-983-000</b>	<b>Mode of Procurement:</b>	<b>Two Failed Biddings</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>Fifteen (15) 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	Lot	<p><b>One (1) Lot Automatic Identification System (AIS) Data Services</b></p> <p>1. GENERAL OVERVIEW</p> <p>1.1. The SARwAIS Project is seeking qualified and competent bidders for the Supply and Delivery of one (1) lot AIS Data Services</p> <p>1.2. The AIS Data Services provide access to AIS data transmitted by ships around the world received and processed by terrestrial and satellite AIS receivers. AIS data contains ship information as well as ship itinerary.</p> <p>1.3. The Approved Budget for the Contract (ABC) is inclusive of all applicable government taxes and service charges.</p> <p>1.4. The technical specifications indicated herein are minimum requirements, unless otherwise specified.</p> <p>2. TECHNICAL SPECIFICATIONS</p> <p>2.1. The AIS Data Services must be/have the following features:</p> <p>2.1.A. Vessel information</p> <p>2.1.A.1 Must be able to provide data for unlimited number of vessels per month</p> <p>2.1.A.2 Must be able to provide the following information about a vessel:</p> <p>2.1.A.2.a Maritime mobile service identity (MMSI)</p> <p>2.1.A.2.b International maritime organization (IMO) number</p> <p>2.1.A.2.c Name or callsign</p> <p>2.1.A.2.d Flag or country code</p>	1	₱7,900,000.00	₱7,900,000.00

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;  
 Fax No. : +632 8426-9764

2.1.A.2.e Vessel type: fishing, tug, sailing, pleasure craft, passenger, cargo, tanker, etc.

2.1.A.2.f Vessel length and width

2.1.B. Vessel historical track

2.1.B.1 Must be able to provide historical track data of at least one hundred (100) vessels per month

2.1.B.2 Must be able to provide historical track data of a vessel for the last thirty (30) or more days

2.1.C. Vessels in a predefined area

2.1.C.1 Must be able to provide updated vessel positions in the predefined area: 3.0-22.5 degrees latitude and 111.0-128.0 degrees longitude

2.1.C.2 Data must be updated within one (1) hour or less

2.1.C.3 Dynamic data must be collected from both terrestrial and satellite AIS receivers around the world; Dynamic AIS data must be updated for not more than 10 mins

2.1.C.4 Must be able to accommodate unlimited number of data requests

2.1.C.5 Must be able to provide the following information about a vessel:

2.1.C.5.a Timestamp

2.1.C.5.b Vessel name or callsign

2.1.C.5.c Vessel MMSI

2.1.C.5.d Vessel IMO

2.1.C.5.e Vessel flag/country

2.1.C.5.f Vessel type: fishing, tug, sailing, pleasure craft, passenger, cargo, tanker, etc.

2.1.C.5.g Vessel draught

2.1.C.5.h Vessel length and width

2.1.C.5.i AIS version

2.1.C.5.j Current position: latitude, longitude

2.1.C.5.k Speed

2.1.C.5.l Course over ground

2.1.C.5.m Heading

2.1.C.5.n Rate of turn

2.1.C.5.o Destination

2.1.C.5.p Estimated time of arrival

2.1.C.5.q Navigational status

2.1.C.5.r GPS geolocation accuracy

2.1.C.5.s AIS collection type: terrestrial, satellite, dynamic

### 3. GENERAL REQUIREMENTS

3.1 Any data obtained can be used for derivative work even after the subscription ends

3.2 Data can be requested in JSON or CSV format

3.3 Subscription must be valid for one (1) year from the date of activation

3.4 Subscription must accommodate at least five (5) internal users

3.5 Subscription must accommodate at least twenty-five (25) customer application users

3.6 Supplier must be able to provide client support (technical and/or administrative) during the time of subscription

3.7 Supplier must be able to provide an end-user training on the use of data service, either onsite or online, at the discretion of the End-user

3.8 Training must be conducted within the delivery period

3.9 An operations manual or user guide document (in physical and/or digital format/s) must be provided alongside the training mentioned in 3.7.

**4. PAYMENT & DELIVERY TERMS**

4.1 Contract price must be inclusive of delivery, handling, training, and other miscellaneous costs

4.2 The contract shall be paid upon activation of the user accounts and upon completion of the training requirement. Invoices, delivery receipts, and other necessary documentation must be submitted to process such payment.

4.3 Delivery and activation of the user accounts and the conduct of the training shall be made within fifteen (15) calendar days upon the issuance of the Notice to Proceed (NTP).

*(Please see attached offer.)*

**TOTAL: ₱7,900,000.00**

**(Total Amount in Words)**


**Seven Million Nine Hundred Thousand 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.**

Director, DOST-ASTI

 Digitally signed by Benjamin E. Lara

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

Fund Cluster: 07

ORS / BURS No.:

073086 012 022 - 084-000 292

Funds Available: ₱ 7,900,000.00

ORS / BURS Date:

AUGUST 17, 2022

Amount:

₱ 7,900,000.00

  
**GAY CONCEPCION S. BUGAGAO**

Accountant III