



ASTI-FM 03-11
REV 1/13 January 2020

**DOST-ASTI Bids and Awards Committee
Invitation to Bid (Public Bidding)**

ITB No:	22-05-3849	Date:	May-19-2022
PR No:	SAR-AIS-22-02-13170	Date:	February-04-2022
Source of Funds:			
Total ABC:	Php 8,716,501.00		
Time, Date & Venue of Pre-bid Conference:	June 01, 2022, 9:00 AM at Videoconferencing		
Time and Date of Submission of Bids:	June 13, 2022, 09:00 AM		
Time, Date & Venue of Opening Bids:	June 13, 2022, 9:30 AM at DOST-ASTI and Videoconferencing		
Date of availability of Complete Set of Documents:	May 24, 2022		
Deadline of Potential Bidder's Clarifications:	June 03, 2022		
Deadline of ASTI's Supplemental Bid Bulletin:	June 06, 2022		
Delivery Schedule:			

The Advanced Science and Technology Institute (ASTI), through its Bids and Awards Committee (BAC), hereby invites all interested bidders to submit their bids for the item(s) listed below. Guidelines regarding the format, eligibility, technical and financial documents needed are described in the Instruction to Bidders of the Philippine Bidding Documents

Bidding will be conducted through open competitive bidding procedures using a non discretionary "pass/fail" criterion as specified in the 2016 R-IRR of RA 9184.

A complete set of Bidding Documents may be purchased by interested bidders upon payment of a fee for the Bidding Documents. It is also downloadable for free of charge at DOST-ASTI's website - www.asti.dost.gov.ph

For further inquiries, contact ASTI's BAC Secretariat via email at bac-sec@asti.dost.gov.ph. Interested bidders may also call the number - (632)-426-7423 and look for ASTI's BAC Secretariat.

Respectfully,

BAYANI BENJAMIN R. LARA
BAC Chairperson

NO.	TECHNICAL SPECIFICATIONS	QTY	UNIT	UNIT PRICE(Php)	TOTAL PRICE(Php)
1	<p>One (1) Lot Automatic Identification System (AIS) Data Services</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</p>	1	lot	8716501.00	8,716,501.00

minimum requirements, unless otherwise specified.

2. TECHNICAL SPECIFICATIONS

2.1. The AIS Data Services must be/have the following features:

2.1.A. Vessel information

2.1.A.1 Must be able to provide data for unlimited number of vessels per month

2.1.A.2 Must be able to provide the following information about a vessel:

2.1.A.2.a Maritime mobile service identity (MMSI)

2.1.A.2.b International maritime organization (IMO) number

2.1.A.2.c Name or callsign

2.1.A.2.d Flag or country code

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 6 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).

TOTAL APPROVED BUDGET FOR THE CONTRACT (ABC):

Php 8,716,501.00

RESERVATION CLAUSE

The Advanced Science and Technology Institute reserves the right to accept or reject any proposal, to annul the bidding process, and to reject all proposals at any time prior to contract award, without thereby incurring any liability to the affected proponent or proponents.