



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:	Smartgeo Surveying and Geomatics	PO No.:	SAR-AIS-22-07-001
Address:	21 Congressional Ave., Bahay Toro, Quezon City	PO Date:	July 12, 2022
TIN:	009-517-080-000	Mode of Procurement:	NP: 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:	Ninety-four (94) 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>One (1) Lot Satellite Image Digitizing 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 Image Digitizing Services</p> <p>1.2 The SARwAIS Project is interested in procuring satellite image digitizing services to outsource repetitive digitizing and annotation of remote sensing imagery.</p> <p>1.3 The output of this service will expand the national database and inventory of any objects that can be distinguished from satellite images. These can be used as training data to improve object detection, image segmentation and time-series models for analyzing satellite images.</p> <p>1.4. The database or inventory can also be shared to relevant R&D and academic institutions to aid in the implementation of their respective endeavors.</p> <p>1.5 The Approved Budget for the Contract (ABC) is inclusive of all applicable government taxes and service charges.</p> <p>1.6 The technical specifications indicated herein are minimum requirements, unless otherwise specified.</p> <p>2. TECHNICAL SPECIFICATIONS</p> <p>2.1 The Image Digitizing Service must deliver the following outputs:</p> <p>2.1.a. NovaSAR-1 (SAR) radar satellite image digitization</p> <p>2.1.a.1. Ship wakes – 1,000 objects (polygon features)</p> <p>2.1.a.2. Flooded areas – 6,000 hectares (polygon features)</p> <p>2.1.a.3. Forest areas – 6,000 hectares</p>	1	P482,440.00	P482,440.00

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(polygon features)

2.1.b. WorldView-3 optical satellite image digitization

2.1.b.1. Buildings – 5,000 objects (polygon features)

2.1.c. GeoEye optical satellite image digitization

2.1.c.1. Buildings – 5,000 objects (polygon features)

2.1.d. SkySAT optical satellite image digitization

2.1.d.1. Buildings – 5,000 objects (polygon features)

2.1.d.2. Damaged buildings – 5,000 objects (polygon features)

2.1.e. KompSAT-3/3A optical satellite image digitization

2.1.e.1. Buildings – 5,000 objects (polygon features)

2.1.e.2. Damaged buildings – 5,000 objects (polygon features)

2.1.f. PlanetScope optical satellite image digitization

2.1.f.1. Roads – 2,000 kilometers (polygon features)

2.1.f.2. Built-in – 5,000 hectares (polygon features)

2.1.f.3. Rivers – 3,000 kilometers total length (polygon features)

2.1.f.4. Cloud – 1,000 hectares (polygon features)

2.1.f.5. Cloud shadows – 500 hectares (polygon features)

2.1.f.6. Water/Flood – 4,000 hectares (polygon features)

2.1.f.7. Damaged areas due to human activity and/or natural phenomena – 3,000 hectares (polygon features)

3. GENERAL REQUIREMENTS

3.1 Kick-off Meeting

3.1.a. The kick-off meeting shall include the following agenda: introduction, project/contract timeline, and briefing, to be presented by the winning bidder. Other agenda may be added as necessary.

3.1.b. The kick-off meeting shall be scheduled upon the end-user's discretion within 14 calendar days from the issuance of the Notice to Proceed (NTP).

3.1.c. The meeting can be held remotely via teleconference or face-to-face, upon confirmation of the end-user.

3.1.d. The winning bidder must provide a soft copy (in ppt, pdf, or any applicable format) of the presentation.

3.1.e. Data shall be provided by the end-user via file transfer protocol (FTP) link or a hard drive to be returned at the end of the contract, whichever is applicable.

3.2 Signed Non-disclosure Agreement (NDA)

3.2.a. The non-disclosure agreement shall be drafted by the end-user to be signed by the winning bidder.

3.2.b. Notarization expenses, if any, shall be

shouldered by the winning bidder.

3.3 Exit Conference

3.3.a. Finalization and submission of output as well as the conduct of the exit conference must be within eighty (80) calendar days from the declared kick-off meeting.

3.3.b. The winning bidder shall provide a summative progress report during the exit conference (in ppt, pdf, or any applicable format).

3.3.c. Schedule of the meeting shall be finalized by the end-user.

4. PAYMENT AND DELIVERY TERMS

4.1 Contract price must be inclusive of government fees and taxes, delivery, handling, and other miscellaneous costs

4.2 The contract shall be paid upon completion of output and conduct of the exit conference.

4.3 Delivery and completion of the requested output shall be made within a maximum of ninety-four (94) calendar days upon the issuance of the NTP.

(Please see attached quotation.)

TOTAL: P482,440.00

(Total Amount in Words)

Four Hundred Eighty-Two Thousand Four Hundred Forty 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 H. Lara

July 26, 2022

(Date)

Fund Cluster:	<u>07</u>	ORS / BURS No.:	<u>073086012022-07-000275</u>
Funds Available:	<u>PHP 482,440.00</u>	ORS / BURS Date:	<u>JULY 21, 2022</u>
		Amount:	<u>₱ 482,440.00</u>
 GAY CONCEPCION S. BUGAGAO Accountant III			