



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

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

<b>ITB No:</b>	21-08-3501	<b>Date:</b>	August-26-2021
<b>PR No:</b>	GAA-21-07-11733	<b>Date:</b>	July-15-2021
<b>Source of Funds:</b>			
<b>Total ABC:</b>	Php 3,773,000.00		
<b>Time, Date &amp; Venue of Pre-bid Conference:</b>	September 06, 2021, 9:00 AM at Via videoconferencing		
<b>Time and Date of Submission of Bids:</b>	September 20, 2021, 10:00 AM		
<b>Time, Date &amp; Venue of Opening Bids:</b>	September 20, 2021, 10:30 AM at DOST-ASTI and Videoconferencing		
<b>Date of availability of Complete Set of Documents:</b>	August 27, 2021		
<b>Deadline of Potential Bidder's Clarifications:</b>	September 10, 2021		
<b>Deadline of ASTI's Supplemental Bid Bulletin:</b>	September 13, 2021		
<b>Delivery Schedule:</b>			

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](http://www.asti.dost.gov.ph)

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

Respectfully,

**GERWIN P. GUBA**  
BAC Chairman

NO.	TECHNICAL SPECIFICATIONS	QTY	UNIT	UNIT PRICE(Php)	TOTAL PRICE(Php)
1	<p><b>Remote Sensing Network Processing Based Subscription Note: 2 licenses</b></p> <p>Subscription for 3 months (from October - December 2021) for 2 remote sensing derived data processing system with the following modules:</p> <p>a) Data visualization and editing b) Atmospheric correction c) Image pan sharpening d) Object-based image segmentation e) Image classification f) Cartographic map production.</p> <p>Notes: - Includes installation media and license - Price inclusive of government fees, taxes, and duties - Delivery within 10 calendar days upon issuance of</p>	1	lot	2117500.00	2,117,500.00

	<p>NTP</p> <ul style="list-style-type: none"> <li>- License duration: October - December 2021</li> <li>- Technical support for the duration of the license</li> <li>- Full payment will be processed upon end of subscription</li> <li>- Supplier must comply with attached Service Level Agreement for this procurement</li> </ul>				
2	<p><b>Subscription Upgrade for Remote Sensing Processing Network Note: 2 licenses</b></p> <p>Subscription for 3 months (from October - December 2021) for the additional tools for the existing satellite image processing software programs at ASTI-GRS:</p> <ul style="list-style-type: none"> <li>a. Python-based developer tools with access to at least 500 algorithms; <ul style="list-style-type: none"> <li>a.1. Chained Workflow</li> <li>a.2. Batch Processing</li> <li>a.3. Additional API Sensor Support</li> <li>a.4. Model Segment Metadata</li> </ul> </li> <li>b. Object-based image segmentation tools; <ul style="list-style-type: none"> <li>b.1. Supervised classification</li> <li>b.2. Unsupervised classification</li> </ul> </li> <li>c. Digital Elevation Model (DEM) extraction tools: <ul style="list-style-type: none"> <li>c.1. DEM extraction from stereo images</li> <li>c.2. DSM to DTM conversion</li> <li>c.3. Epipolar pair generation</li> <li>c.4. Epipolar DEM geocoding</li> </ul> </li> <li>d. Atmospheric correction tools: <ul style="list-style-type: none"> <li>d.1. Cloud Masking</li> <li>d.2. Haze Masking</li> <li>d.3. Spectra Reflectance Plot</li> <li>d.4. Illumination conditions using DEM</li> </ul> </li> <li>e. Analysis tools for polarimetric synthetic aperture radar (SAR) data: <ul style="list-style-type: none"> <li>e.1. Polarimetric Discriminator Calculator</li> <li>e.2. Conformity Coefficient Estimator</li> </ul> </li> </ul> <p>Notes:</p> <ul style="list-style-type: none"> <li>- Includes installation media and license</li> <li>- Price inclusive of government fees, taxes, and duties</li> <li>- Delivery within 10 calendar days upon issuance of NTP</li> <li>- Upgrade duration: October - December 2021</li> <li>- Technical support for the duration of the license</li> <li>- Full payment will be processed upon end of subscription</li> <li>- Supplier must comply with attached Service Level Agreement for this procurement</li> </ul>	1	lot	1655500.00	1,655,500.00
<b>TOTAL APPROVED BUDGET FOR THE CONTRACT (ABC):</b>					
					<b>Php 3,773,000.00</b>
<b>RESERVATION CLAUSE</b>					
<p>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.</p>					