



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

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

ITB No:	20-08-3181	Date:	August-11-2020
PR No:	ULAT-20-07-10115	Date:	July-29-2020
Source of Funds:			
Total ABC:	Php 1,550,000.00		
Time, Date & Venue of Pre-bid Conference:	August 25, 2020, 1:30 PM at Videoconferencing (Cisco Webex Meetings)		
Time and Date of Submission of Bids:	September 07, 2020, 12:00 PM		
Time, Date & Venue of Opening Bids:	September 08, 2020, 1:30 PM at DOST-ASTI		
Date of availability of Complete Set of Documents:	August 17, 2020		
Deadline of Potential Bidder's Clarifications:	August 28, 2020		
Deadline of ASTI's Supplemental Bid Bulletin:	August 31, 2020		
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,

PEDRITO B. MANGAHAS
Chairperson, BAC-1

NO.	TECHNICAL SPECIFICATIONS	QTY	UNIT	UNIT PRICE(Php)	TOTAL PRICE(Php)
1	Laptops for Research and Development Laptops - 4 Units Processor: at least Intel Core i7-9750H equivalent or better Graphics adapter: at least NVIDIA GeForce GTX 1660 Ti Mobile - 6GB equivalent or better Memory: at least 16 GB DDR4 SDRAM Display: at least 15.6 inch, 1920 x 1080 IPS, 144 Hz or better Storage: SSD with at least 512 GB Capacity Operating System: Microsoft Windows 10 Pro 64 Bit or better Ports must include at least: -USB 3.0 / 3.1 Gen1 -HDMI -DisplayPort	1	lot	450000.00	450,000.00

	<p>-Kensington Lock -3.5 mm audio jack Network Connectivity must include at least: -LAN -WiFi -Bluetooth Soundcard: must include at least Audio, Voice and Speech Audio: must include stereo speakers Microphone: must include microphone Camera: must include webcam Keyboard: chiclet keyboard with backlit or better Color: preferably black Must include: Laptop carrying case/pouch, Laptop charger, screen privacy filter and other factory standard peripherals Warranty: At least 1 Year Warranty Notes: -Prices inclusive of government fees, taxes and duties -Delivery: 45 calendar days upon receipt of NTP -No down payment option, payment to be processed upon complete delivery</p>				
2	<p>Lightning Warning Sensor Kit Specifications: Lightning Detection: Cloud-to-cloud, cloud-to-ground, and intra-cloud lightning discharges Lightning Detection Range: 35km (22 miles) Range resolution: 1km Detection Efficiency: 95% for a single lightning flashes for flashes w/n 35km 99% for a storm with 2 lightning flashes for flashes w/n 35km 99.9% for a storm with 3 lightning flashes for flashes w/n 35km False alarm rate: <2% Maximum flash rate: 120 per minute Maximum update rate: 2 seconds</p> <p>Outputs Control Box: Wired serial connection (RS422) Wide Area Sounder: Wired Serial connection (RS485) 3 Relays with volt free contacts. (Alert state, Warning state, Self-test) All relays 16Vac, 35 VDC</p> <p>Relays: 5A Connection method: Screw terminal</p> <p>Power Requirements: Supply Voltage: 9 to 30 VDC Power Consumption: Less than 5W</p> <p>The following should be included in the kit: 1) Direction Finder with the following specifications: -Resolution: 1° -Power: Supplied by the BTD-200 -Operating Temperature: -20°C to 50°C -Protection rating: IP66 -Max distance from pole: 537mm, 21.1" -Includes: Mounting Arm, Cables, and Manuals</p>	2	kit	550000.00	1,100,000.00

- 2) Spare parts:
 - Antenna Amplifier and Terminal Board printed circuit boards
 - O-ring
 - Spare fasteners
- 3) Peripherals:
 - Universal mains voltage adapter
 - Lightning Works software
 - Isolated serial to USB interface

Warranty: 1 year with technical support

Notes:

- Prices inclusive of government fees, taxes and duties
- Delivery: 45 calendar days upon receipt of NTP
- No down payment option, payment to be processed upon complete delivery

TOTAL APPROVED BUDGET FOR THE CONTRACT (ABC):

Php 1,550,000.00

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.