



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

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

ITB No:	20-08-3182	Date:	August-11-2020
PR No:	ULAT-20-08-10157	Date:	August-07-2020
Source of Funds:			
Total ABC:	Php 594,000.00		
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	<p>Electric Field Mill</p> <p>Alerts</p> <ul style="list-style-type: none"> - Strike Distance: at least 0 – 24miles / 0 – 38kms - Electric Field Range: at least -20 kV/m to +20 kV/m - Typical Range of Interest: at least -5 kV/m to +5 kV/m - Accuracy: 5% +/- 0.05 kV/m or better - Response Time: at least 0.1 seconds - With software display indicators <p>Communication</p> <ul style="list-style-type: none"> - Data Port : RS-232 or RS-485 - RS-232 Format: : 9600 baud, 8 bits, 1 stop bit, no parity, Delimited ASCII - Digital Resolution Output: 0.01 kV/m - Analog Resolution Output: Infinite - Analog Data: Differential 1V per kV/m 	2	kit	297000.00	594,000.00

- Digital Data Format: \$<S><EE.EE>*<C><CR><LF> or similar format
- S: sign '+' or '-'
- C: checksum
- E: electric field
- CR: carriage return
- LF: line feed
- (Example: \$-02.34*3A)
- Data Connection: 62.5/125 Multimode ST fiber optic

Power

- Connector: 2.1mm/5.5mm coaxial, screw terminals
- DC Supply: 11.5 - 14 VDC, 0.5 Amps or better
- AC Power Supply: 240 VAC, 60Hz
- Consumption: 4W or better

Enclosure

- Material: Aluminum or better
- IP Rating: 20 or better
- Dimension: approx. 6.7" dia x 5" (17cm dia x 13cm)

Operating Conditions

- Temperature Range: -40°F to +140°F (-40°C to +60°C) or better
- Operating Humidity: 0 to 99% non-condensing or better

Motor

- Motor Type: Ball Bearing, Brushless
- DC Motor Mount: 3/4" NPT Threaded Pipe (Note: 3/4" NPT measures 1" O.D.)

Must include the following:

- a. 100 Feet (30 m) Cable with connectors
- b. Compatible Pole mount inverting kit
- c. Compatible power supply and data module
- d. Compatible USB cable
- e. Windows 10 OS compatible display software application
- f. Technical manuals and operation documentations

Notes:

1. Amount should be inclusive of taxes, delivery and other fees.
2. Delivery: 30 calendar days upon issuance of Notice to Proceed (NTP).
3. Full payment will be given once the items were delivered.
4. With at least two (2) years warranty against factory defects

TOTAL APPROVED BUDGET FOR THE CONTRACT (ABC):

Php 594,000.00

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.