



ASTI-FM 03-11
REV 0/2 APR 2018

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

ITB No:	19-07-2537	Date:	July-09-2019
PR No:	OPTIMIZATN-19-06-8007	Date:	June-14-2019
Source of Funds:			
Total ABC:	Php 651,000.00		
Time, Date & Venue of Pre-bid Conference:	July 25, 2019, 1:30 PM at DOST-ASTI		
Time and Date of Submission of Bids:	August 06, 2019, 12:00 PM		
Time, Date & Venue of Opening Bids:	August 06, 2019, 1:30 PM at DOST-ASTI		
Date of availability of Complete Set of Documents:	July 17, 2019		
Deadline of Potential Bidder's Clarifications:	July 27, 2019		
Deadline of ASTI's Supplemental Bid Bulletin:	July 30, 2019		
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. MANGHAS
Chairperson, BAC-1

NO.	TECHNICAL SPECIFICATIONS	QTY	UNIT	UNIT PRICE(Php)	TOTAL PRICE(Php)
1	SOIL MOISTURE AND TEMPERATURE SENSORS A. General 1. Three-probe sensor 2. Measures the following soil parameters: - moisture - temperature - electric conductivity 3. Dielectric measurement frequency(70MHz) 4. Volumetric Water Content (VWC): Using Topp equation: $\pm 0.03m^3/m^3$ ($\pm 3\%$ VWC) typical in mineral soils that have solution electrical conductivity $< 10dS/m$ Using medium specific calibration, $\pm 0.01 - 0.02m^3/m^3$ ($\pm 1-2\%$ VWC) in any porous medium Temperature: $\pm 1^\circ C$ 5. Resolution VWC: $0.0008m^3/m^3$ (0.08% VWC) from 0 to 50% VWC 0.25%	31	pc	21000.00	651,000.00

VWC (rockwool)
 Temperature: 0.1°C
 6. Range
 EC: 0-23 dS/m (bulk)
 Temperature: -40-50°C
 Dimensions: 10 x 3.2 x 0.7cm
 Cable: 5m, customized cabling with waterproof connector, 3-pin
 Measurement: 150 ms
 7. Time
 Power: 3.6-15 VDC, 0.3mA quiescent, 10mA during 150ms measurement
 Output: SDI-12

B. Maintenance:

1. Supplier should provide quote for factory recalibration
2. Supplier should provide provision for 24-hour response time and thirty (30) calendar days turn around time for repair services

C. Notes:

1. Bidder declared as SCRQ/LCRQ is required to submit two (2) samples of actual unit before full delivery.
2. Supplied with comprehensive, traceable, calibration certificates
3. Supplier must provide product brochures
4. At least 2 years of limited warranty of parts and services
5. Must be delivered to ASTI
6. Must be compatible to ASTI-ARQ datalogger connectors and firmware 3.0 and latter

D. Others:

1. Delivery: Thirty (30) days upon issuance of NTP
2. Price is inclusive of government duties and taxes and other fees.
3. Payment upon full delivery

TOTAL APPROVED BUDGET FOR THE CONTRACT (ABC):

Php 651,000.00

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.