



Republic of the Philippines
Department of Science and Technology

ADVANCED SCIENCE AND TECHNOLOGY INSTITUTE



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

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

ITB No:	18-10-2163	Date:	October-22-2018
PR No:	GAA-18-08-6227	Date:	August-08-2018
Source of Funds:	GAA		
Total ABC:	Php 85,100.00		
Time, Date & Venue of Pre-bid Conference:	October 30, 2018, 1:30 PM at DOST-ASTI		
Time and Date of Submission of Bids:	November 12, 2018, 12:00 PM		
Time, Date & Venue of Opening Bids:	November 12, 2018, 1:30 PM at DOST-ASTI		
Date of availability of Complete Set of Documents:	October 22, 2018		
Deadline of Potential Bidder's Clarifications:	November 02, 2018		
Deadline of ASTI's Supplemental Bid Bulletin:	November 05, 2018		
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	RF CABLE ASSEMBLY – SMA JACK-TO-MMCX A. General 1. Assembly Configuration :Dual Ended Connectors 2. Connector to Connector :SMA-to-MMCX 3. Overview :RF Cable Assemblies 4. Product Name :MMCX, RF, SMA 5. Physical - Cable Length :152.40mm (6.000") - Circuits (Loaded) :0 - Gender :Jack/Plug - Net Weight :6.989/g - Packaging Type :Bag - Single Ended :No - Wire/Cable Type :RG-316 6. Electrical - Impedance: 50Ω B. Notes:	100	pc	300.00	30,000.00

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With bid docc

	<p>1. End-user may request for a demonstration with the Least Calculated Bid (LCB) / Single Calculated Bid (SCB) during post-qualification.</p> <p>2. Two (2) samples of actual unit must be provided by the LCB/SCB within seven (7) calendar days after the Opening of Bids for approval by the end-user as part of the post qualification and prior to award. If approved by end-user, one (1) sample will be retained for reference of the units to be delivered and as part of the full delivery.</p> <p>3. Supplier must provide product brochures</p> <p>4. At least 2 years warranty of parts and services</p> <p>5. Must be delivered to ASTI</p> <p>C. Others:</p> <p>1. Delivery: Thirty (30) days upon issuance of NTP</p> <p>2. Price is inclusive of government duties and taxes and other fees.</p> <p>3. Payment upon full delivery</p>				
2	<p>MICROCONTROLLER KIT WITH RADIO TRANSCEIVER</p> <p>A. General</p> <p>1. 32 bit Microcontroller running @ 48MHz with 3.3V logic/power</p> <ul style="list-style-type: none"> - No EEPROM - 3.3V regulator with 500mA peak current output - USB native support, comes with USB bootloader and serial port debugging - 20 GPIO pins - Hardware Serial, hardware I2C, hardware SPI support - 8 x PWM pins - 10 x analog inputs - 1 x analog output - Built in 100mA lithium polymer charger with charging status indicator LED - With power/enable pin - 4 mounting holes - Reset button <p>2. Radio Transceiver:</p> <ul style="list-style-type: none"> - SX127x LoRa® based module with SPI interface - Packet radio with ready-to-go libraries - 433MHz Frequency - +5 to +20 dBm up to 100 mW Power Output Capability (power output selectable in software) - ~300uA during full sleep, ~120mA peak during +20dBm transmit, ~40mA during active radio listening. <p>B. Notes:</p> <p>1. End-user may request for a demonstration with the Least Calculated Bid (LCB) / Single Calculated Bid (SCB) during post-qualification.</p> <p>2. Two (2) samples of actual unit must be provided by the LCB/SCB within seven (7) calendar days after the Opening of Bids for approval by the end-user as part of the post qualification and prior to award. If approved by end-user, one (1) sample will be retained for reference of the units to be delivered and as part of the full delivery.</p> <p>3. Supplier must provide product brochures</p>	8	set	3700.00	29,600.00

	<p>4. Must be delivered to ASTI</p> <p>C. Others:</p> <ol style="list-style-type: none"> 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 				
3	<p>ELECTRONIC ENCLOSURE</p> <p>Specifications</p> <ol style="list-style-type: none"> 1. Body color: Gray 2. Overall dimensions: (HxWxD : 10.05" x 8.27" x 5.19") 3. Standards: Complies with NEMA Type 1,2,3,4,4X,12 and 13, IEC 529,IP66 4. Construction: <ul style="list-style-type: none"> - Molded fiberglass polyester enclosure with matching cover - Enhanced UV inhibitors protect against outdoor weathering. - Solid Door Screw Cover w/flange - With assembled 1 set Snap Latch - Captive oil resistant gasket - Threaded brass inserts for mounting feet to the rear of the enclosure - Stainless steel mounting brackets and hardware for mounting to the rear enclosure - Cover material: Clear, Polycarbonate - With attached Polycarbonate Flanges 5. Operating temperatures between 130C and -40C <p>B. Notes:</p> <ol style="list-style-type: none"> 1. Supplier must provide detailed mechanical drawing and data sheet of the connectors for approval by the end-user prior to delivery. 2. End-user may request for a demonstration with the Least Calculated Bid (LCB) / Single Calculated Bid (SCB) during post-qualification. 3. One (1) sample of actual unit must be provided by the LCB/SCB within seven (7) calendar days after the Opening of Bids for approval by the end-user as part of the post qualification and prior to award. If approved by end-user, sample will be retained for reference of the units to be delivered and as part of the full delivery. 4. Supplier must provide product brochures 5. Must be delivered to ASTI <p>C. Others:</p> <ol style="list-style-type: none"> 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 	3	set	8500.00	25,500.00
TOTAL APPROVED BUDGET FOR THE CONTRACT (ABC):					Php 85,100.00
RESERVATION CLAUSE					
<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>					