



ASTI-FM 03-10
REV 3/13 January 2020

**DOST-ASTI Bids and Awards Committee
REQUEST FOR QUOTATION**

Kind of Procurement Activity:	Negotiated Procurement: Small-value Procurement		
Deadline of Submission of Bids:	Oct-20-2020, 2:00 PM		
RFQ No.:	20-10-3252	Date:	October-14-2020
PR No.:	GRASPED-20-08-10219	Date:	September-07-2020

The Department of Science and Technology (DOST) - Advanced Science and Technology Institute (ASTI), through its Bids and Awards Committee (BAC), intends to procure the item/s listed below. As such, suppliers, contractors, or distributors are invited to submit their quotation/s duly signed by authorized representative. Prospective bidder/s who will submit a proposal with the single/lowest calculated and responsive quotation shall be selected. Guidelines on the format and eligibility documents are listed at the box below the item/s to be procured.

Quotations may be sent via **a)** electronic mail at bac-sec@asti.dost.gov.ph, **b)** fax message, or **c)** delivering documents to the BAC Secretariat. For further inquiries, you may contact +63 2 249-8500 local 1206/1212 or +63 2 426-7423.

Thank you.

Respectfully,

REYNALDO JOSEPH A. CALLAO JR.
BAC Chairman

NO.	TECHNICAL SPECIFICATIONS	QTY	UNIT	UNIT PRICE(Php)	TOTAL PRICE(Php)
1	75 MHz to 1 GHz Telescope Antenna Specifications: Antenna length range: 7"-34" Weight: 25g Notes: charged under GRASPED Price inclusive of government fees, taxes and duties Delivery: Item must be delivered to ASTI one week upon issuance of NTP Warranty: at least one year	1	unit	2200.00	2,200.00
2	Case-Smoke Base- w/ Clear Top compatible with Raspberry Pi Case Dimensions (without lid): 93mm x 63mm x 25mm / 3.7" x 2.5" x 1.0" Lid Thickness: 4mm / 0.2" Notes: charged under GRASPED Price inclusive of government fees, taxes and duties Delivery: Item must be delivered to ASTI one week upon issuance of NTP	5	unit	550.00	2,750.00

	Warranty: at least one year				
3	<p>2.13" Monochrome E-Ink Bonnet compatible with Raspberry Pi</p> <p>-Snaps onto any modern Raspberry Pi and provides a Python-programmable display with two buttons that can be used to select programs or scroll through options.</p> <p>-Comes completely pre-assembled and tested</p> <p>-Compatible with any Raspberry Pi computer that has a 2x20 connector, such as the Pi B+, Pi 2, Pi 3, Pi 4, and Pi Zero</p> <p>Notes: charged under GRASPED Price inclusive of government fees, taxes and duties Delivery: Item must be delivered to ASTI one week upon issuance of NTP Warranty: at least one year</p>	5	unit	1350.00	6,750.00
4	<p>DC & Stepper Motor Bonnet compatible with Raspberry Pi</p> <p>4 H-Bridges: TB6612 chipset provides 1.2A per bridge with thermal shutdown protection, internal kickback protection diodes.</p> <p>Can run motors on 4.5VDC to 13.5VDC.</p> <p>Up to 4 bi-directional DC motors with individual 8-bit speed selection (so, about 0.5% resolution)</p> <p>Up to 2 stepper motors (unipolar or bipolar) with single coil, double coil, interleaved or micro-stepping.</p> <p>Big terminal block connectors to easily hook up wires (18-26AWG) and power</p> <p>Notes: charged under GRASPED Price inclusive of government fees, taxes and duties Delivery: Item must be delivered to ASTI one week upon issuance of NTP Warranty: at least one year Polarity protected 2-pin terminal block and jumper to connect external 5-12VDC power Works best with Raspberry Pi model Zero, A+, B+, or Pi 2, Pi 3, etc Product Dimensions: 65.2mm x 30.6mm x 14.0mm / 2.6" x 1.2" x 0.6" Product Weight: 14.7g / 0.5oz</p>	1	unit	1575.00	1,575.00
5	<p>16-Channel PWM / Servo Bonnet compatible with Raspberry Pi</p> <p>PWM up to 1.6 KHz with 12 bit precision</p> <p>Board Dimensions (w/o components): 65mm x 30.4mm x 8mm / 2.5" x 1.19" x 0.31"</p> <p>Weight: 8.5g / .29oz"</p> <p>Notes: charged under GRASPED Price inclusive of government fees, taxes and duties Delivery: Item must be delivered to ASTI one week upon</p>	1	unit	700.00	700.00

	issuance of NTP Warranty: at least one year				
6	<p>Mini Pan-Tilt Kit - Assembled with Micro Servos pan-tilt side to side rotation: roughly 180° tilt up and downwards: around 150° comes fully assembled with two Micro Servos (SG-90 or SG-92 type) Base: 37mm x 33mm x 3mm / 1.5" x 1.3" x 0.1" Mounting Hole Distances: 30mm x 26mm / 1.2" x 1" Standing Height (zero tilt): 67mm / 2.6" Top Platform: 38mm x 36mm / 1.5"x 1.4" Weight: 37g</p> <p>Notes: charged under GRASPED Price inclusive of government fees, taxes and duties Delivery: Item must be delivered to ASTI one week upon issuance of NTP</p>	2	unit	1350.00	2,700.00
7	<p>Pan-Tilt HAT compatible with Raspberry Pi -Pan-tilt module (180 degrees motion through each axis) with two servos -HAT with two servo channels, one PWM or NeoPixel RGB (or RGBW) LED channel -Right-angled header pre-soldered to underside of HAT for servo and LED -channels -Slot to route servo, LED, and camera cables through -Acrylic mount to hold Pi camera and NeoPixel strip (with diffuser) in place -Compatible with Raspberry Pi 3, 2, B+, A+, and Zero -Unassembled HAT dimensions: 65.0mm x 55.0mm x 8.0mm / 2.6" x 2.2" x 0.3" -Unassembled HAT weight: 15.3g / 0.5oz</p> <p>Notes: charged under GRASPED Price inclusive of government fees, taxes and duties Delivery: Item must be delivered to ASTI one week upon issuance of NTP</p>	2	unit	1150.00	2,300.00
8	<p>Geophone - SM-24 (seismic sensor) Frequency Natural Frequency 10Hz Tolerance +/- 2.5% Ma tilt angle for specified Fn 10 deg Typical spurious freq >240Hz Distortion Distortion coil to case velocity with 17.78mm/s(0.7 in/s) p.p.- <0.1% Distortion measurement freq 12Hz Typical distortion (string of 12 in series, measured at 12 Hz) 0.03%</p> <p>Damping Open circuit (typical) 0.25 Damping calibratio-shunt resistance 1,339 ohms Damping with calibration shunt 0.6 Tolerance with calibration shunt +5%, -0%</p>	3	unit	4000.00	12,000.00

	<p>Sensitivity Sensitivity 28.8 V/M/s (Tolerance +/- 2.5% RtBcfn 6000 ohms Hz Moving Mass 11g Max coil excursion p.p. 2mm Coil Resistance Standard 375 ohms Tolerance +/- 2.5% Physical Characteristics Diameter 25.4 mm Height 32 mm Weight 74 g Operating temperature range -40 deg Celsius to +100 deg Celsius</p> <p>Notes: charged under GRASPED Price inclusive of government fees, taxes and duties Delivery: Item must be delivered to ASTI one week upon issuance of NTP</p>				
9	<p>Vertical Axis Seismograph Board</p> <ul style="list-style-type: none"> • Dimensions (estimated) Standard enclosure: 135x110x50 mm • IP67 enclosure: 160x90x90 mm • compatible with Pi Zero, Pi Zero (W), 3 Model B, 2/3/4 Model B(+), Model B (+), Model B (old) • accommodate 1 vertical Geophone sensor • sampling rate: 100 sps <p>Weight (estimated) 0.35 kg</p> <p>Notes: charged under GRASPED Price inclusive of government fees, taxes and duties Delivery: Item must be delivered to ASTI one week upon issuance of NTP</p>	1	unit	14000.00	14,000.00
10	<p>RF Connector Kit RF Coaxial Inter Series Adapter Kit</p> <p>Kit Contents: Mini UHF, N, TNC and SMA Series., UHF, 30 RF Coaxial Adapters for Interconnecting BNC includes 30 adaptors Gold plated centre contacts Enclosed in a soft case Impedance 50 ohm Frequency Range 0 – 1 GHz VSWR 1.5 max Return Loss 13.978 dB min.</p> <p>Notes: charged under GRASPED Price inclusive of government fees, taxes and duties Delivery: Item must be delivered to ASTI one week upon issuance of NTP</p>	2	unit	10900.00	21,800.00

11	<p>Handheld Spectrum Analyzer (240-960, 2.35-2.55)</p> <ul style="list-style-type: none"> • Frequencies: 240-960Mhz, 2.35-2.55Ghz • Amplitude (Level) Range: -115 ~ -5dBm • Pocket size and light weight • Solid aluminum metal case • Spectrum Analyzer mode: Peak Max and Hold, Normal, Overwrite and Averaging modes • Includes: Antennas (Directional and Stick), Battery <p>Notes: charged under GRASPED Price inclusive of government fees, taxes and duties Delivery: Item must be delivered to ASTI one week upon issuance of NTP</p>	1	unit	12000.00	12,000.00
12	<p>Embedded module with 433 Mhz Lora Radio</p> <ul style="list-style-type: none"> • compatible with ATSAM21G18 @ 48MHz with 3.3V logic/power • 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 lipoly charger with charging status indicator LED • Pin #13 red LED for general purpose blinking • Power/enable pin • 4 mounting holes • Reset button - Measures 2.0" x 0.9" x 0.3" (51mm x 23mm x 8mm) without headers soldered in; Weight: 5.8 grams <p>Notes: charged under GRASPED Price inclusive of government fees, taxes and duties Delivery: Item must be delivered to ASTI one week upon issuance of NTP</p>	6	unit	2350.00	14,100.00
13	<p>Antenna ANT-4WHIP3H-SMA, Whip SMA 433MHz</p> <p>Antenna Style :Whip Connector Type: SMA Antenna Length :216mm Minimum Frequency :433MHz 1/4 Wave Monopole Antenna Omni-Directional: VSWR <2.0 Dimensions 216 x 13mm SMA Male Connector 50Ω Impedance +3dBi Gain ABS / Rubber Housing Operates from -40 to+700C Weight 22grams</p>	6	unit	400.00	2,400.00

	Notes: charged under GRASPED Price inclusive of government fees, taxes and duties Delivery: Item must be delivered to ASTI one week upon issuance of NTP				
14	CASE PLSTC YLW 19.75"L X 15.53"W Container Type Case Size / Dimension 19.750" L x 15.530" W (501.65mm x 394.46mm) Height 7.460" (189.48mm) Area (L x W) 307in ² (1981cm ²) Design Equipment Case, Hinged Lid Material Plastic, Polypropylene Color Yellow Features Foam Insert, Locks, Watertight/Airtight Ratings IP67/MIL-STD 810F-512.4 Material Flammability Rating UL-HB75 Weight 8.1 lbs (3.7 kg) Notes: charged under GRASPED Price inclusive of government fees, taxes and duties Delivery: Item must be delivered to ASTI one week upon issuance of NTP	2	unit	8500.00	17,000.00
15	Lux Sensor 16-bit dynamic range for ambient light detection from 0 lux to about 120 klux resolution: down to 0.0036 lx/ct with software-adjustable gain and integration times. comes with 4.7K pullups on I2C Product Dimensions: 16.6mm x 16.5mm x 4.0mm / 0.7" x 0.6" x 0.2" Product Weight: 1.0g / 0.0oz Notes: charged under GRASPED Price inclusive of government fees, taxes and duties Delivery: Item must be delivered to ASTI one week upon issuance of NTP	2	unit	330.00	660.00

TOTAL APPROVED BUDGET FOR THE CONTRACT:

Php 112,935.00

GUIDELINES

A. Submission of Quotations

1. Quotation/s shall include the Request for Quotation and/or the Purchase Request Number as state above;
2. Pictures or brand/model names or numbers, if applicable, should be specified in the quotation/s; and
3. Quotation/s must be signed by the company's duly authorized representative.

B. Eligibility Requirements

Pursuant to Annex "H" or Consolidated Guidelines for the Alternative Methods of Procurement of the 2016 Implementing Rules and Regulations (IRR) of Republic Act (RA) No. 9184, as amended by Government Procurement Policy Board Resolution No. 21-2017 dated 30 May 2017, the following documents shall be submitted except for Repeat Order, Shopping under Section 52.1(a), and Negotiated Procurement under Sections 53.1 (Two-Failed Biddings), and 53.5 (Agency-to-Agency):

For Procurement of Goods

1. Upon submission of quotation
 - ✓ PhilGEPS Platinum Membership Certificate including Annex "A". If not available, the following alternate documents may be submitted:
 - PhilGEPS Registration Number
 - Mayor's Permit
 - For individuals/professionals engaged under Section 53.6, 53.7 and 53.9 of the 2016 IRR of RA No. 9184, only the Bureau of Internal Revenue (BIR) Certificate of Registration shall be submitted in lieu of the Mayor's Permit.
2. Upon issuance of Notice of Award (NOA)
 - ✓ Omnibus Sworn Statement
 - Applicable only for bidders who have submitted their quotation on item/s with a total Approved Budget for the Contract (ABC) of above Php50,000.00.
 - ✓ Income/Business Tax Return
 - Applicable only for: **a**) bidders who have submitted their quotation on item/s with a total ABC of above Php500,000.00; and **b**) bidders for Lease of Real Property and Venue (except for government agencies as lessors).

For Procurement of Infrastructure

1. The requirements for Goods with the same submission indicated therein; and
2. Valid Philippine Contractors Accreditation Board License.

For Procurement of Consulting Services

1. The requirements for Goods with the same submission indicated therein; and
2. Valid Professional Regulation Commission License or Curriculum Vitae.

NOTE: For new suppliers, submit a BIR Certificate of Registration for accounting purposes.

C. Terms and Conditions

1. Additional requirements, if necessary, may be requested by the BAC depending on the item to be bid;
2. For all kinds of procurement, the bidder who passed the bid evaluation, shall submit a duly notarized Omnibus Sworn Statement upon issuance of NOA, unless otherwise provided;
3. All transactions are subject to creditable withholding tax and final Value Added Tax or percentage tax per revenue regulation/s of the BIR;
4. A penalty of one-tenth of one percent (0.001) of the total value of the undelivered goods/services shall be charged as liquidated damages for every day of delay of the delivery; and
5. The DOST-ASTI 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.