

ASTI-FM 03-10
REV 2 / 13 MAR 2019

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


Kind of Procurement Activity:	Negotiated Procurement: Small-value Procurement		
Deadline of Submission of Bids:	Jun-24-2019, 2:00 PM		
RFQ No.:	19-06-2485	Date:	June-24-2019
PR No.:	GAA-19-06-7950	Date:	June-13-2019

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,


PEDRITO B. MANGAHAS
Chairperson, BAC-1

NO.	TECHNICAL SPECIFICATIONS	QTY	UNIT	UNIT PRICE(Php)	TOTAL PRICE(Php)
1	Light Spectrum/Luminosity The TSL2561 is capable of direct I2C communication and is able to conduct specific light ranges from 0.1 – 40k Lux easily. Additionally, the TSL12561 contains two integrating analog-to-digital converters (ADC) that integrate currents from two photodiodes, simultaneously. Each breakout requires a supply voltage of 3V and a low supply current max of 0.6mA.	9	pc	500.00	4,500.00
2	Light Dependent Resistor Features: Light Resistance: 200ohm Dark Resistance: 20Mohm Specification: Diameter: 12mm Pitch pins: 8.55 Max Voltage: 250V Max power consumption: 200mW Operating Temperature: - 30 – +70°C	20	pc	30.00	600.00
3	Light Sensor Light Sensor Digital BH1750FVI 1) I2C bus Interface (f / s Mode Support) 2) Spectral responsibility is approximately human eye	9	pc	100.00	900.00

	<p>response</p> <p>3) Illuminance to Digital Converter</p> <p>4) Wide range and High resolution. (1 - 65535 lx)</p> <p>5) Low Current by power down function</p> <p>6) 50Hz / 60Hz Light noise reject-function</p> <p>7) 1.8V Logic input interface</p> <p>8) No need any external parts</p> <p>9) Light source dependency is little. (ex. Incandescent Lamp. Fluorescent Lamp. Halogen Lamp. White LED. Sun Light)</p> <p>10) It is possible to select 2 types of I²C slave-address.</p> <p>11) Adjustable measurement result for the influence of optical window (It is possible to detect min. 0.11 lx, max. 100000 lx by using this function.)</p> <p>12) Small measurement variation (+/- 20%)</p> <p>13) The influence of infrared is very small</p>				
4	<p>Waterproof Ultrasonic Sensor with Separate Probe SPECIFICATION</p> <p>Operating voltage: DC5V Static current: 5mA Operating current: 30mA Operating range: 25cm ~ 4.5m Resolution: 0.5cm Detecting Angle: < 70° Operating Temperature: -10 ~ 70°C Cable Length: 2.5m Dimension: 41mm * 28.5mm/1.61*1.12 inches Weight: 54g</p>	9	pc	700.00	6,300.00
5	<p>Rockwool (3 Sheets)</p> <p>Stonewool is known for its quality, consistency and performance. Each sheet of Grodan Stonewool A-OK Starter Plugs is perfectly-sized to fit a standard flat and each plug has a pre-formed hole to easily plant seeds and cuttings. Once rooted, gardeners can transfer individual A-OK Starter Plugs to larger pieces of stonewool or plant them directly in soil. Grodan's A-OK Starter Cubes come with a pre-made planting hole which easily allows you to place cuttings, seeds etc into the cubes for fast, easy rooting and sprouting. Once roots develop you can easily separate the cubes and transplant using whatever method you prefer. In order to be more cost efficient, the sheet of 200 cubes may be packaged in 2 sets of 100 cubes.</p>	3	pc	500.00	1,500.00
6	<p>Clay Pebbles (3KG)</p> <p>-expanded clay pebbles - Reusable hydroton pebbles</p>	3	kilo	600.00	1,800.00
7	<p>Bucket Lid (pack of 12 pcs)</p> <p>2" Net Pots designed for Hydroponic or Aquaponic NFT or deep flow systems. Use rockwool, floral foam, perlite, vermiculite, hydroton, cocopeat or any other substrate for the net pots. Our net pots are sturdier than other flimsy net pots and have wider rims for</p>	36	pc	249.00	8,964.00

	<p>better top-side support. Fits hole sizes 1.5" to 2".</p> <p>Excellent quality net pots Great for NFT hydroponics or DWC Aquaponics Wide rims allow for better support The small mesh allows for any type of grow media Height: 55mm Top Diameter: 58mm Bottom Diameter: 37mm</p>				
8	<p>Air Pump This air pump with 1 outlet is super silent with multi-level muffler, low power consumption. Special artificial rubber to keep a steady air flow output and pressure that can be adjusted freely. Low power consumption. 1-Year warranty. 2W, 3.2 liters per minute, 120V. 50 GPH, maximum amperage 0.017 and maximum decibels is 40 db. Features Super silent with multi-level muffler Low power consumption Accepts 1/4" tubing (HG TB25) Specifications Shipping Weight 1.0 lbs. Units/pallet 720 Package Dimensions 7.2L x 4.3W x 3.1H Alternate Keywords: Aquaponics Barcodes 10638104000496 (GTIN) 638104000499 (UPC-A) Max. Decibels 40 Rated Amperage 0.017 Rated GPH 50 Rated LPM 3.2 Rated Wattage 2 Unboxed1_Weight 0.8 Unboxed2_Width 3.25 Unboxed3_Length 5.25 Unboxed4_Height 2.5 Voltage 120</p>	6	unit	500.00	3,000.00
9	<p>Rectangular Air Stone Rectangular shape. S Size: 30.5 cm (12 in) diameter.</p>	6	pc	500.00	3,000.00
10	<p>Megabox 70 Liters Transparent Storage Box</p>	3	pc	400.00	1,200.00
11	<p>Spade Bit Spadebit sizes 1/4", 3/8", 1/2", 9/16", 5/8", 11/16", 3/4", 7/8", 1"</p>	1	pc	5000.00	5,000.00
12	<p>Cordless Power Drill (Portable) with Drill Bit Set Brushless Compact Drill/Driver is a powerful tool that features KickBack Control, which reduces the risk of sudden tool reactions in binding conditions. This integrated acceleration sensor automatically shuts the tool down when a potentially dangerous rotational torque reaction occurs in a bind-up scenario. This cordless drill was fitted with an upgraded, heavy-duty all-metal chuck, for better bit grip and torque transfer. With an efficient EC Brushless motor, this drill/driver provides longer tool life as well as great runtime. It delivers a powerful performance, with 531 In.-Lbs. of torque, two drilling speeds (0-1,900 rpm for high speed and 0-600 rpm for torque) and 20+1 clutch settings. It features the Compact Tough design, with a short head-length and a light weight to make handling easier, but also with professional power. This tool provides an ergonomic grip zone and Electronic Motor Protection and Electronic Cell Protection, to help protect the tool and batteries from overload and overheating. It includes a long belt clip for a secure hold.</p>	1	unit	10000.00	10,000.00

13	Mini Electric Hand Drill Specifications: Condition: 100% Brand New Material: Metal + Electronic Component Color: showing as picture Plug: US Plug Input Voltage: 110~220V Power Consumption: DC 12V / 500mA Collet Inner Diameter: 0.5mm, 1.0mm, 1.5mm, 2.5mm, 3.0mm Drill Diameter: 0.5mm, 1.0mm, 1.5mm, 2.5mm, 3.0mm Torsion: 530g/cm No Load Speed: 12000rpm	1	unit	2000.00	2,000.00
14	High Capacity Micro SDXC Card Capacity: 128 GB Read Speed: up to 170 MB/s** Write Speed: up to 90 MB/s** Video Speed: C10, U34 , A22 , V304 Form Factor: microSDXC	3	pc	5000.00	15,000.00
15	Micro SDHC Card Capacity: 32 GB Read Speed: up to 100 MB/s** Write Speed: up to 90 MB/s** Video Speed: C10, U34 , A17 , V304 Form Factor: microSDHC	3	pc	2500.00	7,500.00
16	Touch Screen Panel Packing List: 1x 7" Raspberry Pi TouchScreen Display 1x HDMI Cable 1x Micro USB Cable 4x 8mm F/F Brass Standoff with m3x7 Screw Specification: Display Resolution: 800x480 Product Dimension: 165mm x 125mm x 15mm Product Weight: 212g	3	pc	3000.00	9,000.00
17	Raspberry Pi Acrylic Case The case provides slots to access the peripheral header, USB Ports, Ethernet, SD card, HDMI, composite video, audio, CSI and JTAG connectors as well as feet and vents to ensure the board gets proper cooling and plus-shaped wall mounting slots. Acrylic Case 3mm Acrylic Color: Transparent	3	pc	300.00	900.00
18	MQ135 Air Quality Sensor Module Features Low Cost Stable and Long Life Good sensitivity to harmful gases in wide range High sensitivity to Ammonia, Sulfide and Benzene	3	pc	200.00	600.00

	On-board LED indicator Both digital and analog outputs				
19	Water PH Level Sensor This Analog pH Sensor / Meter Kit, specially designed for Arduino controllers and has convenient and practical "Gravity" connector and a bunch of features. Instant connection to your probe your Arduino to get pH measurements at $\pm 0.1\text{pH}$ (25 °C). For most hobbyist this great accuracy range and it's low cost makes this a great tool for biorobotics and other projects! It has an LED which works as the Power Indicator, a BNC connector and PH2.0 sensor interface. To use it, just connect the pH sensor with BND connector, and plug the PH2.0 interface into the analog input port of any Arduino controller. If pre-programmed, you will get the pH value easily. Comes in a compact plastic box with foams for better mobile storage.	3	pc	1600.00	4,800.00
20	Water/Air Tubing (100 inches per roll) 1/4" Black Tubing, 100' Roll	2	roll	1300.00	2,600.00
21	Adafruit Raspberry Pi Camera Board Case -Works with Pi Camera V2 and NoIR V2. -On the sides, there are two slots so you can strap the camera to something, use zip-ties, tape, velcro straps. -on the back is a 1/4" tripod mount nut, so you can attach it to anything with a standard tripod screw.	6	pc	250.00	1,500.00
22	5V 3A Raspberry Pi Power Supply Features: Input: 100-240VAC 0.3A 50/60HZ Output: 5V 3A Micro USB connection High-quality power supply	3	pc	250.00	750.00
23	Flex Cable for Raspberry Pi Camera Technical Details Dimensions: 1meter x 16mm x 0.2mm / 3.3ft x 0.6" x 0.01" Weight: 7.5g for Raspberry Pi Camera or Display - 1 meter Please note, we did test this length cable with our Pi Model B/B+ and a Pi Camera and it worked great but 1 meter is really long for this kind of camera protocol, so if you have a very electrically noisy environment (inside a tesla coil?) you may have corrupted images.	3	pc	350.00	1,050.00
24	9V 2A DC Power Adapter Specification: Voltage Input: AC 100-240V Frequency Response: 50/60Hz Voltage Output: DC 9V Electric Current: Max. 2A Length of the cable: approx. 93 cm (36.6 inch) Internal diameter of the connector: 2.1 - 2.5 mm (0.1	5	pc	175.00	875.00

	inch) External diameter of the connector: 5 mm (0.2 inch) Weight: 146g				
25	12V 16.7A Switching Power Supply 200W 12V 16A Switching Power Supply 200W MS-200-12 This 12V power supply is a switching mode type with a capacity of 200W, it can supply a DC voltage of 12V DC, and a current of up to 16.7A, it features a trim potentiometer to fine tune the output voltage. Application: CCTV Power Supply LED Power Supply Technical specification: Input Voltage: 200 – 240 VAC; 100 – 120 VAC Frequency: 50/60 Hz Output Voltage: 12 VDC Output Current: up to 16.7 A	1	pc	875.00	875.00
26	PVC Angle Bar Plastic Sizes / Width in MM Thickness in MM Sizes/ Width in Inch Thickness in Inch 20 x 20 3mm 3/4" x 3/4" 1/8" Length: 24"	12	pc	500.00	6,000.00
27	Caulking Gun for Sealant A caulking gun is a tool that holds a tube or cartridge that's filled with material used for sealing up gaps and cracks in the home.	1	pc	500.00	500.00
28	Hinge Product Specifications: 3" inch x 3" inch square corners - Made of Heavy Duty Steel or Stainless Steel Available Finishes: Satin Nickel, Oil Rubbed Bronze, or Stainless Steel For Residential or Commercial Use Typical use: 1 5/8" to 1 3/4" thick doors Commercial Butt Hinge, Steel Plated, Gauge 3.12 MM / .123 Inches Includes matching screws	20	pc	100.00	2,000.00
29	Plastic-scoring Blade Extra Long, heavy duty blade provides good visibility for use with a straight edge. Designed for scoring clean, true breaks in heavy laminates plexiglas acrylic molding resin, plastic, roofing, flooring and more	2	pc	600.00	1,200.00
30	Caulk or Sealant Caulk or caulking is a material used to seal joints or seams against leakage in various structures and	5	pc	240.00	1,200.00

	<p>pipng. The oldest form of caulk consisted of fibrous materials driven into the wedge-shaped seams between boards on wooden boats or ships.</p>				
31	<p>Acrylic Glass Glue Solvent Acrylic plastic glue bond weld cement adhesive Molecular bonding Trichloromethyl / methylene chloride</p>	2	pc	2000.00	4,000.00
32	<p>304 Stainless Steel Screw and Nut 515pcs, M3 M4 M5 Metric Socket Head Bolt and Nut Assortment Set -Made from HIGH QUALITY 304 STAINLESS STEEL -Serves a WIDE RANGE OF USE AND PURPOSE from furniture repair and plumbing to woodwork and other DIY projects. - STURDY PLASTIC ORGANIZER made from high-quality plastic -Package Quantity: 515 pcs Screw and Nuts included(M3, M4, M5) GUARANTEED ENVIRONMENT-FRIENDLY</p>	1	set	1500.00	1,500.00
33	<p>Anti Vibration Pads 4" x 4" x 7/8" Rubber/Cork Vibration isolation pads 4 pack of Anti Vibration pads Rubber & Cork 50 PSI max load Applications are endless.... Air Compressors, HVAC, Stereo Equipment, Treadmills etc etc Designed for Indoor & outdoor applications Alternate Rib Height for Additional Vibration Isolation Under Both High and Low Weight Loads Designed to Resist Aging, Compression Set, Water & Oil</p>	10	pc	800.00	8,000.00
34	<p>Computer Laptop Notebook CPU Cooling Fan Cooler -Cooling fan cooler</p>	10	pc	250.00	2,500.00
35	<p>Aluminum Heatsink a device or substance for absorbing excessive or unwanted heat. Length: 8-12 inches width: 6-8 inches height: 1-3inches</p>	6	pc	1000.00	6,000.00
36	<p>RGB LED Matrix Panel -32x32 Matrix Panel -5mm Pitch</p>	18	pc	2700.00	48,600.00

TOTAL APPROVED BUDGET FOR THE CONTRACT:

Php 175,714.00

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.