



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

Kind of Procurement Activity:	Negotiated Procurement: Small-value Procurement		
Deadline of Submission of Bids:	Jun-04-2021, 2:00 PM		
RFQ No.:	21-05-3423	Date:	May-31-2021
PR No.:	GAA-21-05-11414	Date:	May-24-2021

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	<p>Multi Variable Power Supply for Prototyping Specification</p> <ul style="list-style-type: none"> - Voltage Range: 0-60V - Current Range: 0-5A - Complete programmable - Industrial grade, with load for a long time - Encoder-controlled fine & coarse adjustment - Intelligent temperature-controlled fan - Compact design - Constant current & constant voltage - Current pre-set - 4-digital display - 10mV / 1mA high accuracy and resolution - Low noise and ripple - Knob Lock function to avoid improper operation - Interfaces: USB and RS232 - Input Voltage: 230 V ($\pm 10\%$)" <p>Delivery Terms: Items should be delivered within 30 calendar days upon issuance of NTP</p>	1	unit	14841.42	14,841.42
2	<p>Dissolved Oxygen Sensor for Prototyping</p> <ul style="list-style-type: none"> - Probe: - Type: Galvanic Probe - Detection Range: 0~20mg/L 	1	unit	12600.00	12,600.00

	<ul style="list-style-type: none"> - Response Time: Up to 98% full response, within 90 seconds (25°C) - Pressure Range: 0~50PSI - Electrode Service Life: 1 year (normal use) - Maintenance Period: Membrane Cap Replacement Period: 1~2 months (in muddy water); 4~5 months (in clean water) Filling Solution Replacement Period: Once every month - Cable Length: 2 meters - Probe Connector: BNC - Signal Converter Board: - Operating Voltage: 3.3~5.5V - Output Signal: 0~3.0V - Cable Connector: BNC - Signal Connector: Gravity Analog Interface (PH2.0-3P) - Dimension: 42mm * 32mm" <p>Delivery Terms: Items should be delivered within 30 calendar days upon issuance of NTP</p>				
3	<p>Hydroponics Nutrient Solution Set</p> <p>Specification:</p> <ul style="list-style-type: none"> - Works with hydroponics setup - Include set of SNAP solution A and SNAP solution B per pack - 500mL per solution - Includes user manual and measuring cup" <p>Delivery Terms: Items should be delivered within 30 calendar days upon issuance of NTP</p>	10	pack	800.00	8,000.00
4	<p>Solenoid Valve for Prototyping</p> <p>Specification:</p> <ul style="list-style-type: none"> - Nominal NPS: 1/2 inch - Working Pressure: 0.02 Mpa – 0.8 Mpa - Working Temperature: 1 °C – 75 °C - Voltage: 6VDC to 12VDC <p>Delivery Terms: Items should be delivered within 30 calendar days upon issuance of NTP</p>	10	unit	274.73	2,747.30
5	<p>Programmable Water Pump for Prototyping</p> <ul style="list-style-type: none"> - Working voltage: DC12V - Current work: 0.5-0.7A (6W power must achieve above) - Traffic: 1.5-2L / Min (left and right) - The maximum suction lift: 2 m - Head: Vertical up to 3 meters - Lifetime: up to 2500H - Withstand water temperature: up to 80 °C <p>Package Includes:</p>	10	unit	181.23	1,812.30

	<p>1 x 12V R385 Water Pump 2 x Fixed Bracket"</p> <p>Delivery Terms: Items should be delivered within 30 calendar days upon issuance of NTP</p>				
6	<p>Water Misting System with Brass Type Nozzle for Prototyping Specification: - Material: Brass Nozzle + PE Hose - Hose Lengths: 6m□12m□15m - Spray Distance: 1m / 3.28ft</p> <p>Package: - 1 x Hose - 6 / 16 / 21 x Nozzle - 6 / 16 / 21 x Nozzle Base - 1 x 3/4" Faucet Connector - 1 x End Cap - 20 / 40 / 50 x Tie Cable - 20 / 40 / 50 x Hose Buckle - 1 x User Manual"</p> <p>Delivery Terms: Items should be delivered within 30 calendar days upon issuance of NTP</p>	3	unit	770.00	2,310.00
7	<p>Motor Driver for Prototyping Specification: Interface: - Can drive up to 4 DC motors with individual 8-bit speed selection - Can drive two 5 volts servo motor - Can drive 4 bi-directional DC motors with individual 8-bit speed selection - Can drive 2 stepper motors (unipolar or bipolar) with single coil, double coil or interleaved stepping.</p> <p>Others: - 4 H-Bridges: per bridge provides 0.6A (1.2A peak current) with thermal protection, can run motors on 4.5V to 36V DC - Pull-down resistors keep motors disabled during power-up - with reset button - 2 external terminal power interface, for separate logic/motor supplies"</p> <p>Delivery Terms: Items should be delivered within 30 calendar days upon issuance of NTP</p>	10	unit	153.73	1,537.30
8	<p>pH Level Four(4) Buffer Calibration Solution for Prototyping Specification: - Solution Type: pH - Pack Type: Bottle - Solution Strength pH: 4 pH"</p>	1	gal	2085.00	2,085.00

	<p>Delivery Terms: Items should be delivered within 30 calendar days upon issuance of NTP</p>				
9	<p>pH Level Seven(7) Buffer Calibration Solution for Prototyping Specification: - Solution Type: pH - Pack Type: Bottle - Solution Strength pH: 7 pH"</p> <p>Delivery Terms: Items should be delivered 30 calendar days upon issuance of NTP</p>	1	gal	2085.00	2,085.00
10	<p>pH Level Ten(10) Buffer Calibration Solution for Prototyping Specification: - Solution Type: pH - Pack Type: Bottle - Solution Strength pH: 10 pH"</p> <p>Delivery Terms: Items should be delivered within 30 calendar days upon issuance of NTP</p>	1	gal	2085.00	2,085.00
11	<p>Thermoelectric Peltier Cooler for Prototyping Specification - Dimension: 40 x 40 x 3.6mm - I_{max}: 7A - U_{max}: 15.4V - Q_{cmax}: 62.2W - T_{max} - 69C - Resistance: 1.7 Ohm - Max Operating Temp: 180 Celcius - Min Operating Temp: -50 Celcius"</p> <p>Delivery Terms: Items should be delivered within 30 calendar days upon issuance of NTP</p>	50	unit	120.00	6,000.00
12	<p>Headphone Specification - Interface: Wireless convertible to wired</p> <p>General Specification: - Bluetooth version: 4.2 - Driver size: 40 mm</p> <p>Audio Specification: - Driver sensitivity: 1kHz/1mW (dB) - 15 - Impedance: 32 ohms</p> <p>Dimensions: - Weight: 220 g</p>	5	unit	8000.00	40,000.00

	<p>Battery:</p> <ul style="list-style-type: none"> - Battery Type: 610mAh/3.7V - Maximum play time: 27 Maximum music play time with ANC off: 22 hours - Maximum music play time with ANC on : 15 hours <p>Other Features:</p> <ul style="list-style-type: none"> - Active Noise Cancelling - Bluetooth ready - Remote control on ear cups - Voice Assistant - Detachable Audio Cable - Hands Free Call - Multi-Point Connection - Over-ear - Speed charge - Wireless or Wired Convertible <p>Accessories:</p> <ul style="list-style-type: none"> - Charging cable, detachable audio cable" <p>Delivery Terms:</p> <p>Items should be delivered within 30 calendar days upon issuance of NTP</p>				
13	<p>Detachable camera for Laptop/Webcam</p> <p>Technical Specification:</p> <ul style="list-style-type: none"> - Max Resolution: 1080p/30 fps - 720p/ 60 fps - Focus type: Autofocus - Lens type: Glass - Built-in mic: Stereo - Diagonal field of view (dFoV): 78° - Tripod-ready universal mounting clip fits laptops, LCD or monitors <p>System Requirements:</p> <ul style="list-style-type: none"> - Operating system: Windows® 7 or later, macOS 10.10 or later, Chrome OS™ <p>Accessories:</p> <ul style="list-style-type: none"> - 1 webcam with 1.5 m attached, USB - A cable, Tripod" <p>Delivery Terms:</p> <p>Items should be delivered within 30 calendar days upon issuance of NTP</p>	1	unit	5000.00	5,000.00
14	<p>Large Scale and High Throughput 3D Printer for Prototyping</p> <p>Specification</p> <ul style="list-style-type: none"> - Modeling Technology: FDM[Fused Deposition Modeling] - Printing Size: 400x400x400mm - Supported Materials: PLA/TPU/PETG/ WOOD - File Transfer: USB/Memory card - Machine size : 725x640x691mm - Motherboard: Silent motherboard - Nominal Voltage: 100v-240v 	1	unit	50000.00	50,000.00

- Rated Power: 500W
- Output Voltage: 24V
- Layer Thickness: 0.1-0.4mm
- Print Resolution: ±0.1mm
- Nozzle Temperature: ≤260°C
- Nozzle Diameter: 0.4mm as standard
- Hotbed Temperature: ≤90°C

Note:

- Supplier must provide info materials / full specification of offered items
- 1 year warranty on all parts and Labor
- items should be delivered within 30 calendar days upon issuance of NTP

TOTAL APPROVED BUDGET FOR THE CONTRACT:

Php 151,103.32

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.