



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:	Jun-02-2021, 2:00 PM		
RFQ No.:	21-05-3413	Date:	May-28-2021
PR No.:	GAA-21-05-11325	Date:	May-10-2021

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>Depth Camera Depth Field of View: 86° x 57° (±3)° Depth Stream Output Resolution: Up to 1280 x 720 Depth Stream Output Frame Rate: Up to 90 fps RGB Sensor Resolution and Frame Rate: 1920 x 1080 at 30 fps Minimum Depth Distance: 0.1m Maximum Range: ~10m Sensors: Active IR stereo, Bosch BMI055 IMU, vision processor that uses 28nm process technology and supports up to 5MIPI camera serial interface 2 lanes, image sensors that enable capturing of disparity between images up to 1280 x 720 resolution Camera Dimensions: 90 mm x 25 mm x 25 mm</p> <p>- Inclusive of government taxes, delivery, etc. - Delivery: 60 days upon issuance of NTP</p>	1	pc	16000.00	16,000.00
2	<p>Depth Camera - Global Shutter Use environment: Indoor/Outdoor Image sensor technology: Global Shutter, 3µm x 3µm pixel size Ideal Range: .6 m to 6 m Inertial measurement unit: BMI055 or equivalent/higher Depth technology: Active IR Stereo Minimum Depth Distance (Min-Z) at Max Resolution:</p>	1	pc	18000.00	18,000.00

	<p>~52 cm or nearer Depth Accuracy: <2% at 4 m Depth Field of View (FOV): 86° × 57° (±3°) or wider Depth output resolution: Up to 1280 × 720 or higher Depth frame rate: Up to 90 fps or higher RGB frame resolution: Up to 1280 × 800 or higher RGB frame rate: 30 fps or higher RGB sensor technology: Global Shutter RGB sensor FOV (H × V): 90 × 65° (±3) or wider RGB sensor resolution: 1 MP or higher Camera module: D450 or equivalent/higher Vision Processor Board: Vision Processor D4 or equivalent/higher Form factor: Camera Peripheral Length × Depth × Height: 124 mm × 26 mm × 29 mm Connectors: at least USB-C* 3.1 Gen Mounting mechanism: One 1/4-20 UNC thread mounting point, Two M4 thread mounting points, and Tripod</p> <p>- Inclusive of government taxes, delivery, etc. - Delivery: 60 days upon issuance of NTP</p>				
3	<p>Stereo Camera Depth Field of View: 110° x 70° Lens Aperture: f/1.8 Video Output: 4416x1242 at 15fps, 3840x1080 at 30/15 fps, 2560x720 at 60/30/15 fps, and 1344x376 at 100/60/30/15 fps Minimum Depth Distance: 0.2m Maximum Depth Range: 20m Object Detection Range: Up to 20m (3D), up to 40m (2D) Sensors: Accelerometer, Gyroscope, Barometer, Magnetometer, Temperature sensor, 6-DoF visual-inertial stereo Dimensions: 175 x 30 x 33 mm Material: All-aluminium enclosure with thermal compensation of factory calibration</p> <p>- Inclusive of government taxes, delivery, etc. - Delivery: 60 days upon issuance of NTP</p>	1	pc	42500.00	42,500.00
4	<p>UVC Replacement Bulb - 58W - Replacement Bulb for Lasco UV Sterilizer - Power Rating: 58W - Bulb Type: UVC Non-Ozone (254 nm) - Estimated Lifespan: at least 10,000 hours - Coverage: 60 sq m</p> <p>- Inclusive of government taxes, delivery, etc. - Delivery: 60 days upon issuance of NTP</p>	1	pc	1400.00	1,400.00
5	<p>UVC Replacement Bulb - 60W - Replacement Bulb for Lasco UV Sterilizer - Power Rating: 60W - Bulb Type: UVC Non-Ozone (254 nm) - Estimated Lifespan: at least 10,000 hours - Coverage: 75 sq m</p> <p>- Inclusive of government taxes, delivery, etc.</p>	1	pc	1400.00	1,400.00

	- Delivery: 60 days upon issuance of NTP				
6	Relay Module - 16-channel - 16-channel SPDT - 250VAC 10A, 28VDC 10A - Indicator LEDs - 5V control voltage - 3.3V and 5V logic compatible - Inclusive of government taxes, delivery, etc. - Delivery: 60 days upon issuance of NTP	2	pc	650.00	1,300.00
7	Relay Module - 8-channel - 8-channel SPDT - 250VAC 10A, 28VDC 10A - Indicator LEDs - 5V control voltage - 3.3V and 5V logic compatible - Inclusive of government taxes, delivery, etc. - Delivery: 60 days upon issuance of NTP	2	pc	450.00	900.00
8	Relay Module - 4-channel - 4-channel SPDT - 250VAC 10A, 28VDC 10A - Indicator LEDs - 5V control voltage - 3.3V and 5V logic compatible - Inclusive of government taxes, delivery, etc. - Delivery: 60 days upon issuance of NTP	4	pc	250.00	1,000.00
9	Power Inverter Size: 24.7*10.2*5.4cm Material: Aluminium alloy Peak power: 12000W Rated power:10000W Digital display: input / output voltage Input voltage: DC 12V Output voltage: 220VAC/50Hz±3Hz USB output: 5VDC-2.1A/1A/2.4A/1A (4USB interface) Plug: universal plug *3 No-load current: 0.9A Conversion Efficiency: ≥95% Protection function: overload, over temperature, high voltage, low voltage, reverse connection and short circuit, intelligent temperature control, 4USB output interface, universal US plug, double screens, which can be used for small power appliances (except inductive load electric appliances and motor products). Low Voltage Alarm: 10.4V - 11V Low Voltage Shut Down: 9.7V - 10.3V Over Voltage Shut Down: 14.5V - 15.5V Weight: approx. 1080g Package Includes: 1*12000W DC12 To 220V Solar Inverter 1*Cable With Clamp 1*Car charger - Inclusive of government taxes, delivery, etc. - Delivery: 60 days upon issuance of NTP	2	pc	5500.00	11,000.00

10	Universal Windshield Washer Kit Voltage: 12V Pump Pressure: 170KPA Tank Capacity: 1.8L Kit includes: - Washer Tank with Pump - Hose/Tube - Fittings - Electrical Connectors - Bolts and Nuts - Nozzles - Mounting - Inclusive of government taxes, delivery, etc. - Delivery: 60 days upon issuance of NTP	3	pc	850.00	2,550.00
11	Adjustable Nozzle - 5-Head Item Type: Micro Irrigation System Material: PVC Color: Black Product Length: Approx.54cm/21.26in Weight: Approx.63g/2.2oz Package List: 1 x Water Pipe 1 x Heavy Ball 5 x Gray Nozzle 1 x Cross-Head Nozzle - Inclusive of government taxes, delivery, etc. - Delivery: 60 days upon issuance of NTP	4	pc	250.00	1,000.00
12	Windshield Washer Check Valve ABS Check Valve for Windshield Washer Compatible with 4mm x 7mm hose - Inclusive of government taxes, delivery, etc. - Delivery: 60 days upon issuance of NTP	4	pc	650.00	2,600.00
13	Windshield Washer Hose Inner diameter: 4mm Outer diameter: 7mm Length: 3m - Inclusive of government taxes, delivery, etc. - Delivery: 60 days upon issuance of NTP	1	pc	1450.00	1,450.00
14	Windshield Washer Connector Connectors for 4mm Hose Pack contains (36 pieces per pack): I-type: 2-way hose connector (12PCS) T-type: 3-way hose connector (12PCS) Y-type: 3-way hose connector (12PCS) - Inclusive of government taxes, delivery, etc. - Delivery: 60 days upon issuance of NTP	2	pack	145.00	290.00
15	Liquid Level Sensor - Analog Material: Plastic Color: Black Switch Power (Max): 10W Switching Voltage (Max): 100V	2	pc	300.00	600.00

	<p>Switching Current (Max): 0.5A Breakdown Voltage (Max): 220VDC Carry current (Max): 1A Contract Resistance: 100 milli-ohm Temperature Rating: -20°C ~ +80°C Float Length: 85 mm / 3.35" Cable Length: 37.7cm</p> <p>- Inclusive of government taxes, delivery, etc. - Delivery: 60 days upon issuance of NTP</p>				
16	<p>Liquid Level Sensor - Digital Operating Voltage (InVCC): DC 5 ~ 24 V Current Consumption: 5 mA Output voltage (high level) : InVCC Output voltage (low level) : 0V Output current: 1 ~ 50 mA Response time: 500 ms Operating Temperature : 0 ~ 105 °C Range for thickness of induction (sensitivity): 0 ~ 13 mm Humidity: 5% ~ 100% Material: ABS. Waterproof performance: IP67 Dimension : 28 * 28 mm / 1.1 * 1.1 inches</p> <p>- Inclusive of government taxes, delivery, etc. - Delivery: 60 days upon issuance of NTP</p>	2	pc	1500.00	3,000.00
17	<p>Gas Soldering Iron Weight: 0,135 kg Length: 19 cm Width: 2.5 cm Depth: 2.5 cm Ignition: Piëzo Burn time: 90 min Tank capacity: 17ml / 9g Temperature: 1200C (open air) 680C (hot air) 550C (tips)</p> <ul style="list-style-type: none"> - Integrated ignition trigger for easy startup, no independent ignition tool required - 14-piece kit for the versatility to solder, melt, cut, weld, shrink, burn, and remove - Variable temperature for precise control - Flame lock-on for simplified operation on extended use projects - Premium quality for long life, durability - Filling valve for quick recharge <p>Included:</p> <ul style="list-style-type: none"> - Gas Torch - Soldering Tip - Cutting Knife - Hot Knife - Flat Wide Flame Head - Reflector - Hot Blower Head - Soldering Tin with Blue Cap - Soldering Sponge + sponge box - Instruction manual - Tin storage case 	1	pc	3500.00	3,500.00

	- Inclusive of government taxes, delivery, etc. - Delivery: 60 days upon issuance of NTP				
18	Latching Button - Emergency Stop Action Type: Latching Contact Type: 1 NO + 1 NC Poles: DPST Rating: 660V 10A Terminals: 4 Pins Button Diameter: 40mm/ 1.6" Mount Hole Diameter: 22mm / 7/8" Fit Panel Thickness(adjustable): 6mm / 15/64"(max.) Size: 60 x 70mm/ 2.4" x 2.8" (Max.D*H) Cap Lamp: Red Material: Plastic,Metal Weight: 46g 4 terminals, 22mm mounting hole, 1NO+1NC contact type, red mushroom emergency stop latching push button switch with yellow cap - Inclusive of government taxes, delivery, etc. - Delivery: 60 days upon issuance of NTP	4	pc	150.00	600.00
19	Limit Switch 10 pcs per pack Operating temperature: -40°C to 70°C Rated voltage: AC 125V-250V Current rating: 5A Size: 20 x 10 x 6mm (L X W X H) PCB Terminals Circuit Board Connections: NO + NC With Roller Lever Limit - Inclusive of government taxes, delivery, etc. - Delivery: 60 days upon issuance of NTP	3	pack	125.00	375.00

TOTAL APPROVED BUDGET FOR THE CONTRACT:

Php 109,465.00

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.