



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

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

<b>Kind of Procurement Activity:</b>	Negotiated Procurement: Small-value Procurement		
<b>Deadline of Submission of Bids:</b>	Jul-14-2021, 2:00 PM		
<b>RFQ No.:</b>	21-07-3473	<b>Date:</b>	July-09-2021
<b>PR No.:</b>	GAA-21-05-11410	<b>Date:</b>	May-21-2021

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,

**GERWIN P. GUBA**  
BAC Chairman

NO.	TECHNICAL SPECIFICATIONS	QTY	UNIT	UNIT PRICE(Php)	TOTAL PRICE(Php)
1	<b>Stepper Motor</b> - Stepper NEMA 17 Bipolar 42mm Motor 42 x 42 x 34 mm  *Inclusive of all government fees, taxes, and duties. *Delivery Period: 30 days upon issuance of NTP	8	pc	517.00	4,136.00
2	<b>Stepper Motor Driver</b> - 5 pcs per set - Configuration: CFG or UART - microsteps: Up to 1/256 - microPlyer: 1/256 - Logic Voltage VIO: 3-5V - Motor Voltage : 5.5-36V - Motor Phase Current: 1.2A RMS, 2.0A Peak  *Inclusive of all government fees, taxes, and duties. *Delivery Period: 30 days upon issuance of NTP	2	set	1375.00	2,750.00
3	<b>Timing Belt</b> - Pitch: 2mm - Circumference: 314mm - Width: 6mm  *Inclusive of all government fees, taxes, and duties. *Delivery Period: 30 days upon issuance of NTP	4	pc	110.00	440.00

4	<b>Mounted Ball Bearing Bore 8mm</b> - Zinc alloy - 608RS - Bore: 8mm - Hole: 4.6mm - Length: 40mm  *Inclusive of all government fees, taxes, and duties. *Delivery Period: 30 days upon issuance of NTP	8	pc	99.00	792.00
5	<b>GT2 Idle Pulley</b> - Number of Teeth: 20 - Pitch: 2mm - Width: 6mm - Bore: 5mm  *Inclusive of all government fees, taxes, and duties. *Delivery Period: 30 days upon issuance of NTP	8	pc	55.00	440.00
6	<b>Steel springs</b> - set included 200pcs springs - steel, galvanized, good elasticity, durable - Flexible and sturdy, flexible spring coils made of zinc-plated steel are both sturdy and springy for the right amount of tension  *Inclusive of all government fees, taxes, and duties. *Delivery Period: 30 days upon issuance of NTP	1	set	396.00	396.00
7	<b>Rubber Rollers</b> - 1 set: L120 L360 L365 I310 I220 I110 I120 I210 I350 I355 I455 I550  *Inclusive of all government fees, taxes, and duties. *Delivery Period: 30 days upon issuance of NTP	3	set	165.00	495.00
8	<b>GT2 Bearing</b> - Number of Teeth: 20 - Pitch: 2mm - Width: 6mm - Bore: 5mm  *Inclusive of all government fees, taxes, and duties. *Delivery Period: 30 days upon issuance of NTP	8	pc	46.20	369.60
9	<b>Metal Rods</b> - at least 500mm in length - 5mm diameter  *Inclusive of all government fees, taxes, and duties. *Delivery Period: 30 days upon issuance of NTP	8	pc	198.00	1,584.00
10	<b>Threaded Insert Nuts</b> - Pack includes: 330pcs assorted  *Inclusive of all government fees, taxes, and duties. *Delivery Period: 30 days upon issuance of NTP	1	set	1100.00	1,100.00
11	<b>PETG Filament</b> - 1.75 mm - 1kg	3	roll	990.00	2,970.00

	- white  *Inclusive of all government fees, taxes, and duties. *Delivery Period: 30 days upon issuance of NTP				
12	<b>Assorted screws, nuts, washers</b> - Material:Stainless Steel - Size: M2(M2*6,M2*8,M2*10), M3(M3*8,M3*12,M3*20),M4 (M4*6,M4*10,M4*12,M4*16,M4*20, M4*25), M5(M5*8, M5*10, M5*12, M5*16, M5*20, M5*25)  *Inclusive of all government fees, taxes, and duties. *Delivery Period: 30 days upon issuance of NTP	1	set	1380.50	1,380.50
13	<b>Nylon Filament</b> - 1.75 mm - 1kg - black  *Inclusive of all government fees, taxes, and duties. *Delivery Period: 30 days upon issuance of NTP	3	roll	1320.00	3,960.00
14	<b>PLA Filament</b> - 1.75 mm - 1kg - black  *Inclusive of all government fees, taxes, and duties. *Delivery Period: 30 days upon issuance of NTP	4	roll	825.00	3,300.00
15	<b>TPU Filament</b> - 1.75 mm - 1kg - white  *Inclusive of all government fees, taxes, and duties. *Delivery Period: 30 days upon issuance of NTP	3	roll	1320.00	3,960.00
16	<b>Marine Board</b> - 18mm; 4ft x 8ft  *Inclusive of all government fees, taxes, and duties. *Delivery Period: 30 days upon issuance of NTP	2	pc	2420.00	4,840.00
17	<b>Digital Multimeter</b> - DC Voltage: 400mV/4V/40V/400V/1000V $\pm(0.5\%+4)$ - AC Voltage: 400mV/4V/40V/400V/750V $\pm(0.8\%+10)$ - DC Current: 400uA/4000uA/40mA/400mA/10A $\pm(1\%+10)$ - AC Current: 400uA/4000uA/40mA/400mA/10A $\pm(1.5\%+10)$ - Resistance: 400 $\Omega$ /4k $\Omega$ /40k $\Omega$ /400k $\Omega$ /4M $\Omega$ /40M $\Omega$ $\pm(0.8\%+4)$ - Capacitance: 4nF/40nF/400nF/4uF/40uF/200uF $\pm(2.5\%+20)$ - Frequency: 100/1000/10k/100k/1M/30MHz $\pm(0.5\%+10)$ - Temperature: -20~1000`C $\pm(1.0\%+5)$  *Inclusive of all government fees, taxes, and duties.	2	pc	1650.00	3,300.00

	*Delivery Period: 30 days upon issuance of NTP				
18	<b>Portable Soldering Iron</b> - Adjustable temperature - Digital display - with extra tip  *Inclusive of all government fees, taxes, and duties. *Delivery Period: 30 days upon issuance of NTP	2	set	3850.00	7,700.00
19	<b>Adjustable Power Adapter</b> - Adjustable Output Voltage 9 to 24 V - Adjustable Output Current 0.5A - 3A  *Inclusive of all government fees, taxes, and duties. *Delivery Period: 30 days upon issuance of NTP	6	pc	572.00	3,432.00
20	<b>Soldering PCB Holder Tool</b> - 1 x Solid Metal Base - 1 x LED Magnifying Glass - 4 x Flexible Arms with Alligator Clip - 5 x Rubber Covers  *Inclusive of all government fees, taxes, and duties. *Delivery Period: 30 days upon issuance of NTP	1	pc	2475.00	2,475.00
21	<b>Countersink Drill &amp; Drive Bit</b> - 20 pieces set  *Inclusive of all government fees, taxes, and duties. *Delivery Period: 30 days upon issuance of NTP	1	set	1320.00	1,320.00
22	<b>Soldering Iron Tips</b> - Type-I Black Soldering Tip - Type-B Black Soldering Tip - Type-K Black Soldering Tip - Type-3C Black Soldering Tip - Type-2.4D Black Soldering Tip  *Inclusive of all government fees, taxes, and duties. *Delivery Period: 30 days upon issuance of NTP	2	set	550.00	1,100.00
23	<b>Soldering Iron Tip Cleaner</b> - made of rosin - can remove oxidation film  *Inclusive of all government fees, taxes, and duties. *Delivery Period: 30 days upon issuance of NTP	2	pc	165.00	330.00
24	<b>Digital Caliper</b> - Material: Stainless steel - Size: 150mm,6" - Accuracy: 0.01mm  *Inclusive of all government fees, taxes, and duties. *Delivery Period: 30 days upon issuance of NTP	2	pc	1485.00	2,970.00
25	<b>USB Logic Analyzer</b> - 8 Channels - Supports triggering (rising, high, falling, low) - Up to 24Mhz sampling	2	pc	495.00	990.00

	<ul style="list-style-type: none"> <li>- Up to 10 Billion samples</li> <li>- Max Voltage: 5.25Vdc</li> <li>- Supports: CAN ,DMX-512, I2C,I2S/PCM,Manchester</li> <li>- 1-Wire,Async Serial,Simple Parallel,SPI,UNI/O</li> </ul> <p>*Inclusive of all government fees, taxes, and duties. *Delivery Period: 30 days upon issuance of NTP</p>				
26	<p><b>USB Type C Adapter</b></p> <ul style="list-style-type: none"> <li>- 5V 3A</li> </ul> <p>*Inclusive of all government fees, taxes, and duties. *Delivery Period: 30 days upon issuance of NTP</p>	4	pc	330.00	1,320.00
27	<p><b>Sand paper</b></p> <ul style="list-style-type: none"> <li>- Grit #150</li> <li>- 10pcs/ Grit</li> </ul> <p>*Inclusive of all government fees, taxes, and duties. *Delivery Period: 30 days upon issuance of NTP</p>	10	pc	22.00	220.00
28	<p><b>Stranded Wires</b></p> <ul style="list-style-type: none"> <li>- 60 Strands x 0.08 mm Tinned Copper</li> <li>- Soft and Flexible Silicone Insulation</li> <li>- 600 V Voltage Rating</li> <li>- 200°C Rating</li> <li>- 6 colors</li> <li>- AWG 22</li> </ul> <p>*Inclusive of all government fees, taxes, and duties. *Delivery Period: 30 days upon issuance of NTP</p>	3	set	330.00	990.00
29	<p><b>Solid Wires</b></p> <ul style="list-style-type: none"> <li>- Red, Black, Yellow, Green, Blue</li> <li>- Core Dimensions: 22 AWG / Solid 1×0.65±0.008mm<sup>2</sup></li> <li>- Core Material: Tinned Copper</li> <li>- Insulation Material: PVC (Polyvinylchloride)</li> <li>- Wire Length: 10m (33 ft) per color (Total 60 m)</li> </ul> <p>*Inclusive of all government fees, taxes, and duties. *Delivery Period: 30 days upon issuance of NTP</p>	3	set	385.00	1,155.00
30	<p><b>Power Socket with Fuse and Switch</b></p> <ul style="list-style-type: none"> <li>- Inlet Module</li> <li>- Plug type: Male</li> <li>- 10A 250V</li> </ul> <p>*Inclusive of all government fees, taxes, and duties. *Delivery Period: 30 days upon issuance of NTP</p>	2	set	390.50	781.00
31	<p><b>4"x6" Presensitized PCB</b></p> <ul style="list-style-type: none"> <li>- Single-Sided</li> <li>- with Developer</li> </ul> <p>*Inclusive of all government fees, taxes, and duties. *Delivery Period: 30 days upon issuance of NTP</p>	5	pc	137.50	687.50
32	<p><b>6"x10" Presensitized PCB</b></p> <ul style="list-style-type: none"> <li>- Single-Sided</li> <li>- with Developer</li> </ul>	5	pc	253.00	1,265.00

	<p>*Inclusive of all government fees, taxes, and duties. *Delivery Period: 30 days upon issuance of NTP</p>				
33	<p><b>Soldering Lead</b> - Wire diameter: 1.0 mm - 60/40 rosin core solder - Components: Sn 60%, Pb 40% - Melting point: About 210°C - Size: Approx. 55 x 55 mm / 2.17" x 2.17" - Weight: 280 g - Package: Roll - Good solderability</p> <p>*Inclusive of all government fees, taxes, and duties. *Delivery Period: 30 days upon issuance of NTP</p>	4	roll	385.00	1,540.00
34	<p><b>Electronic Components Kits</b> - 100pcs LED Assorted Kit: 5mm, 20pcs each, 3mm, 20pcs each, Color: White, Red, Green, Yellow, Blue</p> <p>Resistance package: 600pcs 30 values Metal Film Resistor Kit 10R-1M Resistor Pack 0.25W 1%</p> <p>Assorted Electrolytic capacitor package: - 10pcs each</p> <p>Assorted Ceramic Capacitors: - 10 pcs each</p> <p>Common Diode Packages: - 25pc each (1N4148, 1N4007) - 10pcs each (1N5819 , 1N5399, FR107, FR207) - 5pcs each (1N5408,1N5822)</p> <p>Common Transistor Packages: 10pcs each -S9012 S9013 S9015 S9018 A1015 C1815 A42 A92 A733 C945 S8050 S8550 2N5401 2N5551 2N3904 2N3906 2N2222</p> <p>*Inclusive of all government fees, taxes, and duties. *Delivery Period: 30 days upon issuance of NTP</p>	1	set	918.50	918.50
35	<p><b>Assorted Fuse</b> - Supply Voltage : 250V - Package Size : 2cm x 2cm x 1cm (0.79in x 0.79in x 0.39in)</p> <p>*Inclusive of all government fees, taxes, and duties. *Delivery Period: 30 days upon issuance of NTP</p>	1	set	401.50	401.50
36	<p><b>Heat Shrink Tube</b> - Color: Black, Orange, Yellow, Blue, Green - Quantity:328Pcs - 2:1 shrink ratio a - up to 600V @125 Degree Centigrade</p> <p>*Inclusive of all government fees, taxes, and duties. *Delivery Period: 30 days upon issuance of NTP</p>	1	set	396.00	396.00
37	<p><b>Op-Amp</b></p>	1	set	145.20	145.20

	<ul style="list-style-type: none"> <li>- Model: LM358</li> <li>- Material: Metal</li> <li>- Colour: Black</li> <li>- Quantity: 50 Pcs</li> </ul> <p>*Inclusive of all government fees, taxes, and duties. *Delivery Period: 30 days upon issuance of NTP</p>				
38	<p><b>Assorted Jumper Wires</b></p> <ul style="list-style-type: none"> <li>- Male - Male, Female - Male, Female - Female</li> <li>- At least 40 pcs each type</li> <li>- Length: 20 cm</li> <li>- 2.54 mm standard headers</li> </ul> <p>*Inclusive of all government fees, taxes, and duties. *Delivery Period: 30 days upon issuance of NTP</p>	3	set	203.50	610.50
39	<p><b>Temperature, Humidity, Pressure and Gas Sensor</b></p> <ul style="list-style-type: none"> <li>- Digital interface I<sup>2</sup>C (up to 3.4 MHz) and SPI (3 and 4 wire, up to 10 MHz)</li> <li>- Supply voltage VDD main supply voltage range: 1.71 V to 3.6 V</li> <li>- VDDIO interface voltage range: 1.2 V to 3.6 V</li> <li>- Operating range -40--+85 °C, 0-100% r.H., 300-1100 hPa</li> <li>- Individual humidity, pressure and gas sensors can be independently enabled/disabled</li> </ul> <p>*Inclusive of all government fees, taxes, and duties. *Delivery Period: 30 days upon issuance of NTP</p>	4	pc	1705.00	6,820.00
40	<p><b>Vibration Sensor</b></p> <ul style="list-style-type: none"> <li>- Dimension: 40mm x20mm x7mm</li> <li>- Weight: 10g</li> <li>- Operating Voltage 3.3V / 5V</li> <li>- Interface: Digital</li> </ul> <p>*Inclusive of all government fees, taxes, and duties. *Delivery Period: 30 days upon issuance of NTP</p>	4	unit	143.00	572.00
41	<p><b>Dust and Smoke Sensor</b></p> <ul style="list-style-type: none"> <li>- XYS PM2.5 Equivalent</li> <li>- Wire Connector Included</li> </ul> <p>*Inclusive of all government fees, taxes, and duties. *Delivery Period: 30 days upon issuance of NTP</p>	4	unit	418.00	1,672.00
42	<p><b>GPS Module</b></p> <ul style="list-style-type: none"> <li>-165 dBm sensitivity, 10 Hz updates, 66 channels</li> <li>- 5V friendly design and only 20mA current draw</li> <li>- Breadboard friendly + two mounting holes</li> <li>- RTC battery-compatible</li> <li>- Built-in datalogging</li> <li>- PPS output on fix</li> <li>- Internal patch antenna + u.FL connector for external active antenna</li> <li>- Fix status LED</li> </ul> <p>*Inclusive of all government fees, taxes, and duties. *Delivery Period: 30 days upon issuance of NTP</p>	4	unit	2464.00	9,856.00

43	<b>GPS Active Antenna</b> - Frequency: 1575.42MHZ - Voltage: 3.0-5.0V - Size: 3.9 x 5.0cm - Cable Length: 3m(Approx.) - Water resistant - Mounting: Magnetic base  *Inclusive of all government fees, taxes, and duties. *Delivery Period: 30 days upon issuance of NTP	4	unit	143.00	572.00
44	<b>SMA Female to uFL/u.FL/IPX/IPEX RF Adapter Cable</b> - Length: 10 cm  *Inclusive of all government fees, taxes, and duties. *Delivery Period: 30 days upon issuance of NTP	4	unit	165.00	660.00
45	<b>Microphone Amplifier</b> - gain from 25x to 125x  *Inclusive of all government fees, taxes, and duties. *Delivery Period: 30 days upon issuance of NTP	4	unit	550.00	2,200.00
46	<b>Microcomputer</b> - Processor: Broadcom BCM2711 Processor Quad core A72 (ARM v8) 64-bit SoC - Memory: 4GB LPDDR4 SDRAM - Bluetooth: Bluetooth 5.0 - WiFi: 2.4GHz/5.0GHz IEEE 802.11ac - Ethernet: Gigabit Ethernet - USB: 2 x USB 2.0 ports, 2 x USB 3.0 ports - Connection: 40-pin GPIO Header - HDMI: 2 x micro HDMI ports (up to 4Kp60 supported) - Video: 2-lane MIPI DSI display port, 2-lane MIPI CSI camera port - Audio: 4 Pole stereo output and composite video port - Multimedia: H.265 (4Kp60 decode), H.264 (1080p60 decode, 1080p30 encode. OpenGL ES 3.0 graphics. - Storage: microSD card slot for loading operating system and data storage - Input power: 5v DC via USB-C Connector (min 3A), 5v DC via GPIO header. POE enabled (PoE HAT required)  *Inclusive of all government fees, taxes, and duties. *Delivery Period: 30 days upon issuance of NTP	4	unit	3740.00	14,960.00
47	<b>FPGA LCMX02 Breakout Board</b> - Lattice LCMX02-1200HC-4TG100I FPGA, full access to its 79 I/O - Optional 50MHz Crystal Oscillator - Lattice Diamond : Free Development Suite from Lattice Semiconductor  *Inclusive of all government fees, taxes, and duties. *Delivery Period: 30 days upon issuance of NTP	4	pc	684.20	2,736.80
48	<b>Programmer Breakout Kit</b> - USB 2.0 bridge to UART,JTAG,SPI,I2C, and Parallel I/O.	4	pc	935.00	3,740.00



	<ul style="list-style-type: none"> <li>- Onboard 3.3V 150mA LDO voltage regulator.</li> </ul> <p>*Inclusive of all government fees, taxes, and duties. *Delivery Period: 30 days upon issuance of NTP</p>				
49	<p><b>SD/MMC Card Breakout Board</b></p> <ul style="list-style-type: none"> <li>- socket to a standard 10-pin header</li> </ul> <p>*Inclusive of all government fees, taxes, and duties. *Delivery Period: 30 days upon issuance of NTP</p>	10	pc	77.00	770.00
50	<p><b>SD Card (256Gb)</b></p> <ul style="list-style-type: none"> <li>- Flash Memory Type: SDXC</li> <li>- Hardware Interface: MicroSD, MicroSDXC</li> <li>- Secure Digital Association Speed Class: Class 10</li> <li>- Memory Storage Capacity: 256 GB</li> </ul> <p>*Inclusive of all government fees, taxes, and duties. *Delivery Period: 30 days upon issuance of NTP</p>	16	pc	2090.00	33,440.00
51	<p><b>SD card reader</b></p> <ul style="list-style-type: none"> <li>- USB 3.0</li> <li>- speed up to 5Gbps</li> <li>- read and write on two cards simultaneously</li> </ul> <p>*Inclusive of all government fees, taxes, and duties. *Delivery Period: 30 days upon issuance of NTP</p>	10	pc	418.00	4,180.00
52	<p><b>Power Supply 12V 33.3A</b></p> <ul style="list-style-type: none"> <li>- Input Voltage: 200-240VAC</li> <li>- Output Voltage: DC12V</li> <li>- Output Current: up to 33.3A</li> <li>- Max Power: 400W</li> <li>- Dimension: 211 x 110 x 57mm</li> <li>- Weight: 685 g</li> </ul> <p>*Inclusive of all government fees, taxes, and duties. *Delivery Period: 30 days upon issuance of NTP</p>	4	unit	1320.00	5,280.00
53	<p><b>Power Supply 24V 16.7A</b></p> <ul style="list-style-type: none"> <li>- Input Voltage: 200-240VAC</li> <li>- Output Voltage: DC24V</li> <li>- Output Current: up to 16.7A</li> <li>- Max Power: 400W</li> <li>- Dimension: 211 x 110 x 57mm</li> <li>- Weight: 693 g</li> </ul> <p>*Inclusive of all government fees, taxes, and duties. *Delivery Period: 30 days upon issuance of NTP</p>	4	unit	1320.00	5,280.00
54	<p><b>18650 Li-ion Batteries 3000mah</b></p> <ul style="list-style-type: none"> <li>- Voltage: 3.7 V</li> <li>- Current Rating: 3000 mAh</li> <li>- Temperature range: -4° to 140° F</li> </ul> <p>*Inclusive of all government fees, taxes, and duties. *Delivery Period: 30 days upon issuance of NTP</p>	160	pc	253.00	40,480.00
55	<p><b>4-Cell 18650 Battery Holder Series-Parallel</b></p> <ul style="list-style-type: none"> <li>- Compatible Batteries: 18650 Batteries</li> <li>- Cell Connection Configuration: Series or Parallel</li> </ul>	4	pc	110.00	440.00

	<ul style="list-style-type: none"> <li>- Dimensions: Approx 78mm X 79mm X 21mm(LxWxH)</li> <li>- Weight: Approx 27g</li> </ul> <p>*Inclusive of all government fees, taxes, and duties. *Delivery Period: 30 days upon issuance of NTP</p>				
56	<p><b>5S BMS Li-ion with Balancer</b></p> <ul style="list-style-type: none"> <li>- Single cell overvoltage protection: 4.21-4.29V</li> <li>- Single cell overdischarge protection: 2.72 -2.88V</li> <li>- Overcharge and discharge current: 100A</li> <li>- Balance current: 60mA</li> </ul> <p>*Inclusive of all government fees, taxes, and duties. *Delivery Period: 30 days upon issuance of NTP</p>	4	pc	264.00	1,056.00
57	<p><b>Assorted AWG Wires</b></p> <ul style="list-style-type: none"> <li>- Temperature : -65 degrees to +200 degrees ---</li> <li>- Color: black, red</li> <li>- Single wire diameter : 0.08mm</li> <li>- Inner core : 1050 Share</li> <li>- Outer diameter : 5.5mm</li> </ul> <p>*Inclusive of all government fees, taxes, and duties. *Delivery Period: 30 days upon issuance of NTP</p>	4	pc	473.00	1,892.00
58	<p><b>XT60 Connector</b></p> <ul style="list-style-type: none"> <li>- Current rating: 60A</li> </ul> <p>*Inclusive of all government fees, taxes, and duties. *Delivery Period: 30 days upon issuance of NTP</p>	4	pc	88.00	352.00
59	<p><b>3G/4G LTE USB dongle</b></p> <ul style="list-style-type: none"> <li>- Size: 95*35*10mm</li> <li>- Network Type: FDDLTE, WCDMA/DC-HSPA+</li> <li>- Frequency Band: FDD B1 B3, 3G B1</li> <li>- Data Rate: FDD-LTE: DL100/150Mbps/UL 50Mbps, TDD-LTE: DL 61Mbps/UL 18Mbps, WCDMA: DL 42Mbps/UL 5.76Mbps, EVDO: DL 3.1Mbps/UL 1.8Mbps</li> <li>- USIM/SIM: Micro 6 pin SIM card interface</li> <li>- Memory Extension: Support TF/SD card up to 32GB</li> <li>- WiFi Standard: 802.11b/g/n, Up to 150Mbps</li> </ul> <p>*Inclusive of all government fees, taxes, and duties. *Delivery Period: 30 days upon issuance of NTP</p>	4	pc	869.00	3,476.00
60	<p><b>Network Switch</b></p> <ul style="list-style-type: none"> <li>- 8 or more ports</li> <li>- 10/100/1000Mbps Gigabit switch</li> <li>- Lightning protection</li> <li>- IEEE 802.3x full-duplex flow control</li> <li>- IEEE 802.1p Class of Service</li> <li>- Desktop wall-mount form factor</li> <li>- Fanless design</li> </ul> <p>*Inclusive of all government fees, taxes, and duties. *Delivery Period: 30 days upon issuance of NTP</p>	4	pc	1265.00	5,060.00
61	<p><b>HDMI Port Male to 2 Female 1 In 2 Out Splitter Cable Converter</b></p> <p>HDMI Port Male to 2 Female 1 In 2 Out Splitter Cable</p>	4	pc	99.00	396.00

	<p>Converter</p> <ul style="list-style-type: none"> <li>- Length: 11.8 inch (30 cm)</li> <li>- Support 480i, 480p, 720p, 1080i, 1080p.</li> <li>- Dimension: 180*80*20mm</li> </ul> <p>*Inclusive of all government fees, taxes, and duties. *Delivery Period: 30 days upon issuance of NTP</p>				
62	<p><b>HDMI + Micro-HDMI Adapter</b></p> <ul style="list-style-type: none"> <li>- Length: 1.5m</li> </ul> <p>*Inclusive of all government fees, taxes, and duties. *Delivery Period: 30 days upon issuance of NTP</p>	4	pc	121.00	484.00
63	<p><b>Smartcard Reader</b></p> <ul style="list-style-type: none"> <li>- Shell material: ABS plastic</li> <li>- Card slot type: TF card / SD card / MS card / CF -card</li> <li>- Chip: GL3233K</li> <li>- Product Net Weigh: 62.9g (bare metal)</li> <li>- Interface type: USB 3.1 Gen 1</li> <li>- Product size: 632*62*18mm</li> </ul> <p>*Inclusive of all government fees, taxes, and duties. *Delivery Period: 30 days upon issuance of NTP</p>	4	pc	374.00	1,496.00
64	<p><b>Fingerprint Scanner</b></p> <ul style="list-style-type: none"> <li>- Supply voltage: DC 4.2 ~ 6.0V</li> <li>- Supply current: Working current: 50mA (typical)</li> <li>- Window area: 14x18 mm</li> <li>- Characteristic file: 256 bytes</li> <li>- Template file: 512 bytes</li> <li>- Storage capacity: 1000 pieces</li> <li>- Security Level: Five (from low to high: 1,2,3,4,5)</li> <li>- Fake rate (FAR):</li> <li>- Refusal rate (FRR):</li> <li>- Host interface: UART \ USB1.1</li> <li>- Communication baud rate (UART): (9600xN) bps Where N = 1 ~ 12 (default N = 6, ie 57600bps)</li> </ul> <p>*Inclusive of all government fees, taxes, and duties. *Delivery Period: 30 days upon issuance of NTP</p>	4	pc	2090.00	8,360.00
65	<p><b>Barcode Scanner</b></p> <ul style="list-style-type: none"> <li>- 1D/2D/QR</li> <li>- Auto-sensing</li> <li>- Linux compatible</li> </ul> <p>*Inclusive of all government fees, taxes, and duties. *Delivery Period: 30 days upon issuance of NTP</p>	4	pc	1078.00	4,312.00
66	<p><b>Keyboard with smartcard reader</b></p> <ul style="list-style-type: none"> <li>- Device Type: Keyboard</li> <li>- Interface: USB</li> <li>- Connectivity Technology: Wired</li> <li>- Keys Qty: 104</li> <li>- Security Devices: Smart card reader</li> <li>- Features: Palm rest, spill-resistant, low profile keys</li> <li>- Dimensions (WxDxH): 17.6 in x 5.9 in x 1.6 in</li> <li>- Weight: 19.36 oz</li> </ul> <p>*Inclusive of all government fees, taxes, and duties.</p>	4	pc	2766.50	11,066.00

	*Delivery Period: 30 days upon issuance of NTP				
67	<b>45L Plastic Storage box</b> - stackable - durable - with wheels - clear or white  *Inclusive of all government fees, taxes, and duties. *Delivery Period: 30 days upon issuance of NTP	5	pc	935.00	4,675.00
68	<b>65L Plastic Storage box</b> - stackable - durable - with wheels - clear or white  *Inclusive of all government fees, taxes, and duties. *Delivery Period: 30 days upon issuance of NTP	4	pc	1650.00	6,600.00
69	<b>Utility cart/ trolley</b> - material: metal/steel - heavy duty rotating wheels - includes baskets and hanging buckets (bundle set) - 3 tier - white or blue  *Inclusive of all government fees, taxes, and duties. *Delivery Period: 30 days upon issuance of NTP	1	pc	2200.00	2,200.00
70	<b>Extension Cord Rain-proof</b> - Heavy Duty Rain-Proof - 6M Cord Length - High-quality copper inside - Drip/splash protected - Overload protected - Hanging-type installation option - 3-Gang universal outlet - Wire-lock design  *Inclusive of all government fees, taxes, and duties. *Delivery Period: 30 days upon issuance of NTP	4	pc	935.00	3,740.00
71	<b>Extension Cord 6-gang</b> - 6-gang universal outlet - with individual switch - Certified Genuine & Original - Rigid brass strips for internal connection - Outlets are made of copper material for better grip - Impact-resistant and highly conductive - With built-in safety circuit breaker - With a built-in lightning protector - Maximum wattage: 2500W - Current: 10A - Voltage: 250V - Cord Length: 1.83 Meters  *Inclusive of all government fees, taxes, and duties. *Delivery Period: 30 days upon issuance of NTP	4	pc	660.00	2,640.00
72	<b>Electronic components storage organizer</b>	8	pc	517.00	4,136.00

	<ul style="list-style-type: none"> <li>- at least 28 slots</li> <li>- adjustable grid</li> <li>- transparent box</li> </ul> <p>*Inclusive of all government fees, taxes, and duties. *Delivery Period: 30 days upon issuance of NTP</p>				
73	<p><b>Spray Paint</b></p> <ul style="list-style-type: none"> <li>- Colors: 2 Metallic Blue, 2 Navy Blue, 1 Black, 1 White</li> <li>- Fast drying</li> <li>- High gloss</li> <li>- Weather-resistant</li> </ul> <p>*Inclusive of all government fees, taxes, and duties. *Delivery Period: 30 days upon issuance of NTP</p>	6	can	99.00	594.00
74	<p><b>Paint brush set</b></p> <ul style="list-style-type: none"> <li>- set comes in different sizes (1", 2", 4")</li> </ul> <p>*Inclusive of all government fees, taxes, and duties. *Delivery Period: 30 days upon issuance of NTP</p>	2	set	220.00	440.00
75	<p><b>Paint roller</b></p> <ul style="list-style-type: none"> <li>- 6pcs set</li> </ul> <p>*Inclusive of all government fees, taxes, and duties. *Delivery Period: 30 days upon issuance of NTP</p>	2	set	275.00	550.00
76	<p><b>Thinner/Paint Remover</b></p> <ul style="list-style-type: none"> <li>- Net weight: 800g</li> <li>- Strips fast</li> <li>- Ideal for stripping paints, varnishes, lacquers and enamels</li> </ul> <p>*Inclusive of all government fees, taxes, and duties. *Delivery Period: 30 days upon issuance of NTP</p>	2	pc	330.00	660.00
77	<p><b>Portable scanner</b></p> <ul style="list-style-type: none"> <li>- capable of single-pass duplex scanning</li> <li>- Simplex Scan Speeds for black and color: atleast 16ppm</li> <li>- Duplex Scan Speeds for black and color: atleast 16 ipm</li> <li>- Optical Scan Resolution: atleast 600 x 600 dpi</li> <li>- Daily Duty cycle: atleast 100 pages</li> <li>- Power Source: USB 3.0, Rechargeable Lithium-Ion - Battery</li> <li>- Scan Drivers Included: TWAIN, WIA, ICA, SANE</li> </ul> <p>*Inclusive of all government fees, taxes, and duties. *Delivery Period: 30 days upon issuance of NTP</p>	2	unit	11165.00	22,330.00
78	<p><b>Aluminum sheet 5mm</b></p> <ul style="list-style-type: none"> <li>- Dimension: 5mmx300mmx500mm</li> </ul> <p>*Inclusive of all government fees, taxes, and duties. *Delivery Period: 30 days upon issuance of NTP</p>	1	pc	8200.00	8,200.00
79	<p><b>Aluminum sheet 3mm</b></p> <ul style="list-style-type: none"> <li>- Dimension: 3mmx300mmx500mm</li> </ul>	1	pc	5450.00	5,450.00

	*Inclusive of all government fees, taxes, and duties. *Delivery Period: 30 days upon issuance of NTP				
80	<b>Acrylic Sheet</b> - 4ft x 8ft x 3mm (thickness)  *Inclusive of all government fees, taxes, and duties. *Delivery Period: 30 days upon issuance of NTP	4	pc	3750.00	15,000.00
81	<b>FTDI USB to TTL cable</b> - 6pin FTDI FT232RL USB to Serial adapter module USB TO TTL RS232 Cable  *Inclusive of all government fees, taxes, and duties. *Delivery Period: 30 days upon issuance of NTP	4	pc	165.00	660.00
82	<b>Long-range IR Sensors</b> - Diffuse reflective type - Light source: Infrared - Sensing range: 3cm to 80cm (depends on obstacle surface) - Input voltage: 5VDC - Current consumption: 100mA - NPN output - Dimension: 1.7cm (D) x 4.3cm (L)  *Inclusive of all government fees, taxes, and duties. *Delivery Period: 30 days upon issuance of NTP	15	pc	308.00	4,620.00
83	<b>Step Down Buck Converter</b> - Input voltage: 5-40V - Output voltage: 1.2-35V - Output Current range: 0.2-9A  *Inclusive of all government fees, taxes, and duties. *Delivery Period: 30 days upon issuance of NTP	4	pc	184.80	739.20
84	<b>Step Up (Boost) Converter</b> - Input voltage: 3-34V - Output voltage: 4-35V - Output Current range: 2A  *Inclusive of all government fees, taxes, and duties. *Delivery Period: 30 days upon issuance of NTP	5	pc	136.40	682.00

**TOTAL APPROVED BUDGET FOR THE CONTRACT:**

**Php 322,485.30**

**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.