



ASTI-FM 03-11
REV 1/08 JUN 2022

DOST-ASTI Bids and Awards Committee
Invitation to Bid (Public Bidding)

IB No:	22-11-4182	Date:	December 20, 2022
PR No:	GAA-22-10-15210 GAA-22-10-15261	Date:	October 04, 2022 October 09, 2022
Source of Funds:		GAA	
Total ABC:		Php 293,316.99	
Time, Date & Venue of Pre-bid Conference:		December 28, 2022, 9:00 AM at Videoconferencing (MS Teams)	
Time and Date of Submission of Bids:		January 9, 2022, 9:00 AM	
Time, Date & Venue of Opening Bids:		January 9, 2023, 9:30 AM at DOST-ASTI and Videoconferencing (MS Teams)	
Date of availability of Complete Set of Documents:		December 20, 2022	
Deadline of Potential Bidder's Clarifications:		December 30, 2022	
Deadline of ASTI's Supplemental Bid Bulletin:		January 2, 2023	
Delivery Schedule:			

The *Department of Science and Technology (DOST)* - Advanced Science and Technology Institute (ASTI), through its Bids and Awards Committee (BAC), hereby invites all interested Bidders to submit their bids for the *item/s* listed below. *Section II. Instructions to Bidders (ITB) of the DOST-ASTI Bidding Documents provides information necessary for bidders to prepare responsive bids, in accordance with the requirements of DOST-ASTI. The ITB likewise provides*

Bidding will be conducted through open competitive bidding procedures using a *non-discretionary "pass/fail" criterion as specified in the 2016 revised Implementing Rules and Regulations of Republic Act No. 9184.*

A complete set of *DOST-ASTI Bidding Documents* may be acquired by interested Bidders on the date and address given on this document, and upon payment of the applicable fee, pursuant to the latest Guidelines issued by the Government Procurement Policy Board. Further, the *DOST-ASTI Bidding Documents* may be accessed through the *DOST-ASTI website (https://asti.dost.gov.ph/)*.

For further inquiries, you may contact the **DOST-ASTI BAC Secretariat** at telephone number **+63 2 8249-8500 / +63 2 8426-9755 local 1206/1212** or send your message to **bac-sec@asti.dost.gov.ph** .

Respectfully,

EMMANUEL P. BALINTEC
BAC Chairperson

NO.	TECHNICAL SPECIFICATIONS	QTY	UNIT	UNIT PRICE (Php)	TOTAL PRICE (Php)
1	<p>Magnetic Flexible Bed for Large 3D Printer</p> <p>1. GENERAL OVERVIEW</p> <p>1.1 The Advanced Science and Technology Institute is seeking qualified and competent bidders to supply and delivery of one (1) unit Magnetic Flexible Bed for Large 3D Printer for use in the development and prototyping of plantform modules and reinforcements.</p> <p>1.2 The technical specification indicated herein are minimum requirement, unless otherwise specified</p> <p>2. TECHNICAL SPECIFICATIONS</p> <p>2.1 compatible with large 3D printers</p> <p>3. WARRANTY AND AFTER SALES SUPPORT</p> <p>3.1 Supplier warrants the items against defects in</p>	1	unit	3,630.00	3,630.00

	<p>manufacturing and shipping and delivery issues 3.2 Defective and incorrect items shall be replaced 3.3 Warranty Period should be 1 year; warranty on and Labor with Premier Support</p> <p>4. PAYMENT AND DELIVERY TERMS 4.1 The Price of bid must be inclusive of government taxes and additional fees. 4.2 Government terms, payment upon complete delivery 4.3 Delivery of goods shall be made by the supplier within thirty (30) calendar days upon issuance of Notice to Proceed 4.4 The unit must be brand new and unused.</p>				
2	<p>Vise Grip Plier 1. GENERAL OVERVIEW 1.1 The Advanced Science and Technology Institute is seeking qualified and competent bidders to supply and delivery of two (2) units Vise Grip Plier for use as prototyping tool for the plantform prototype 1.2 The technical specification indicated herein are minimum requirement, unless otherwise specified</p> <p>2. TECHNICAL SPECIFICATIONS 2.1 Heavy Duty 2.2 Vanadium Steel</p> <p>3. WARRANTY AND AFTER SALES SUPPORT 3.1 Supplier warrants the items against defects in manufacturing and shipping and delivery issues 3.2 Defective and incorrect items shall be replaced 3.3 Warranty Period should be 1 year; warranty on and Labor with Premier Support</p> <p>4. PAYMENT AND DELIVERY TERMS 4.1 The Price of bid must be inclusive of government taxes and additional fees. 4.2 Government terms, payment upon complete delivery 4.3 Delivery of goods shall be made by the supplier within thirty (30) calendar days upon issuance of Notice to Proceed 4.4 The unit must be brand new and unused.</p>	2	unit	1,500.00	3,000.00
3	<p>Screw and Bolt Set 1. GENERAL OVERVIEW 1.1 The Advanced Science and Technology Institute is seeking qualified and competent bidders to supply and delivery of one (1) set Screw and Bolt Set for use as plantform reinforcement and for joining components together in the plantform prototype 1.2 The technical specification indicated herein are minimum requirement, unless otherwise specified</p> <p>2. TECHNICAL SPECIFICATIONS 2.1 Heavy Duty 2.2 steel</p> <p>3. WARRANTY AND AFTER SALES SUPPORT 3.1 Supplier warrants the items against defects in manufacturing and shipping and delivery issues 3.2 Defective and incorrect items shall be replaced 3.3 Warranty Period should be 1 year; warranty on and Labor with Premier Support</p>	1	set	8,000.00	8,000.00

	<p>4. PAYMENT AND DELIVERY TERMS</p> <p>4.1 The Price of bid must be inclusive of government taxes and additional fees.</p> <p>4.2 Government terms, payment upon complete delivery</p> <p>4.3 Delivery of goods shall be made by the supplier within thirty (30) calendar days upon issuance of Notice to Proceed</p> <p>4.4 The unit must be brand new and unused.</p>				
4	<p>Screw Clamp</p> <p>1. GENERAL OVERVIEW</p> <p>1.1 The Advanced Science and Technology Institute is seeking qualified and competent bidders to supply and delivery of two (2) units Screw Clamp for use in the development and prototyping of platform and chassis of the prototype.</p> <p>1.2 The technical specification indicated herein are minimum requirement, unless otherwise specified</p> <p>2. TECHNICAL SPECIFICATIONS</p> <p>2.1 Heavy Duty</p> <p>2.2 Steel</p> <p>3. WARRANTY AND AFTER SALES SUPPORT</p> <p>3.1 Supplier warrants the items against defects in manufacturing and shipping and delivery issues</p> <p>3.2 Defective and incorrect items shall be replaced</p> <p>3.3 Warranty Period should be 1 year; warranty on and Labor with Premier Support</p> <p>4. PAYMENT AND DELIVERY TERMS</p> <p>4.1 The Price of bid must be inclusive of government taxes and additional fees.</p> <p>4.2 Government terms, payment upon complete delivery</p> <p>4.3 Delivery of goods shall be made by the supplier within thirty (30) calendar days upon issuance of Notice to Proceed</p> <p>4.4 The unit must be brand new and unused.</p>	2	unit	4,000.00	8,000.00
5	<p>Drill bit set</p> <p>1. GENERAL OVERVIEW</p> <p>1.1 The Advanced Science and Technology Institute is seeking qualified and competent bidders to supply and delivery of one (1) unit Drill bit set for use in the puncturing holes on the prototypes chassis for screw mounting and other purposes. To be used in with power drills.</p> <p>1.2 The technical specification indicated herein are minimum requirement, unless otherwise specified</p> <p>2. TECHNICAL SPECIFICATIONS</p> <p>2.1 Heavy Duty</p> <p>2.2 Assorted compatibility with different materials</p> <p>3. WARRANTY AND AFTER SALES SUPPORT</p> <p>3.1 Supplier warrants the items against defects in manufacturing and shipping and delivery issues</p> <p>3.2 Defective and incorrect items shall be replaced</p> <p>3.3 Warranty Period should be 1 year; warranty on and Labor with Premier Support</p> <p>4. PAYMENT AND DELIVERY TERMS</p>	1	unit	12,000.00	12,000.00

	<p>4.1 The Price of bid must be inclusive of government taxes and additional fees.</p> <p>4.2 Government terms, payment upon complete delivery</p> <p>4.3 Delivery of goods shall be made by the supplier within thirty (30) calendar days upon issuance of Notice to Proceed</p> <p>4.4 The unit must be brand new and unused.</p>				
6	<p>Cordless Power Drill</p> <p>1. GENERAL OVERVIEW</p> <p>1.1 The Advanced Science and Technology Institute is seeking qualified and competent bidders to supply and delivery of one (1) unit Cordless Power Drill for use in the puncturing holes on the prototypes chassis for screw mounting and other purposes. To be used in conjunction with drill bit set.</p> <p>1.2 The technical specification indicated herein are minimum requirement, unless otherwise specified</p> <p>2. TECHNICAL SPECIFICATIONS</p> <p>2.1 with rechargeable batteries</p> <p>2.2 with drill bits included</p> <p>2.3 with charger included</p> <p>3. WARRANTY AND AFTER SALES SUPPORT</p> <p>3.1 Supplier warrants the items against defects in manufacturing and shipping and delivery issues</p> <p>3.2 Defective and incorrect items shall be replaced</p> <p>3.3 Warranty Period should be 1 year; warranty on and Labor with Premier Support</p> <p>4. PAYMENT AND DELIVERY TERMS</p> <p>4.1 The Price of bid must be inclusive of government taxes and additional fees.</p> <p>4.2 Government terms, payment upon complete delivery</p> <p>4.3 Delivery of goods shall be made by the supplier within thirty (30) calendar days upon issuance of Notice to Proceed</p> <p>4.4 The unit must be brand new and unused.</p>	1	unit	14,700.00	14,700.00
7	<p>General Purpose Full Face Protection Shield</p> <p>1. GENERAL OVERVIEW</p> <p>1.1 The Advanced Science and Technology Institute is seeking qualified and competent bidders to supply and delivery of two (2) units General Purpose Full Face Protection Shield for use as personal protection equipment for hardware fabrication of the prototype.</p> <p>1.2 The technical specification indicated herein are minimum requirement, unless otherwise specified</p> <p>2. TECHNICAL SPECIFICATIONS</p> <p>2.1 adjustable</p> <p>2.2 material: hard plastic</p> <p>3. WARRANTY AND AFTER SALES SUPPORT</p> <p>3.1 Supplier warrants the items against defects in manufacturing and shipping and delivery issues</p> <p>3.2 Defective and incorrect items shall be replaced</p> <p>3.3 Warranty Period should be 1 year; warranty on and Labor with Premier Support</p> <p>4. PAYMENT AND DELIVERY TERMS</p> <p>4.1 The Price of bid must be inclusive of government</p>	2	unit	1,650.00	3,300.00

	<p>taxes and additional fees.</p> <p>4.2 Government terms, payment upon complete delivery</p> <p>4.3 Delivery of goods shall be made by the supplier within thirty (30) calendar days upon issuance of Notice to Proceed</p> <p>4.4 The unit must be brand new and unused.</p>				
8	<p>General Purpose Protective Working Gloves</p> <p>1. GENERAL OVERVIEW</p> <p>1.1 The Advanced Science and Technology Institute is seeking qualified and competent bidders to supply and delivery of two (2) units General Purpose Protective Working Gloves for use as personal protection equipment for hardware fabrication.</p> <p>1.2 The technical specification indicated herein are minimum requirement, unless otherwise specified</p> <p>2. TECHNICAL SPECIFICATIONS</p> <p>2.1 in-pair (left and right)</p> <p>2.2 can be used for electrical works</p> <p>3. WARRANTY AND AFTER SALES SUPPORT</p> <p>3.1 Supplier warrants the items against defects in manufacturing and shipping and delivery issues</p> <p>3.2 Defective and incorrect items shall be replaced</p> <p>3.3 Warranty Period should be 1 year; warranty on and Labor with Premier Support</p> <p>4. PAYMENT AND DELIVERY TERMS</p> <p>4.1 The Price of bid must be inclusive of government taxes and additional fees.</p> <p>4.2 Government terms, payment upon complete delivery</p> <p>4.3 Delivery of goods shall be made by the supplier within thirty (30) calendar days upon issuance of Notice to Proceed</p> <p>4.4 The unit must be brand new and unused.</p>	2	unit	3,500.00	7,000.00
9	<p>Cable Tie Nylon (4 x 200mm) 50PCS</p> <p>1. GENERAL OVERVIEW</p> <p>1.1 The Advanced Science and Technology Institute is seeking qualified and competent bidders to supply and delivery of five (5) sets Cable Tie Nylon (4 x 200mm) 50PCS for use as a consumable with a purpose of wire management and organization for the plantform prototype.</p> <p>1.2 The technical specification indicated herein are minimum requirement, unless otherwise specified</p> <p>2. TECHNICAL SPECIFICATIONS</p> <p>2.1 4x200mm</p> <p>2.2 color: black/white</p> <p>3. WARRANTY AND AFTER SALES SUPPORT</p> <p>3.1 Supplier warrants the items against defects in manufacturing and shipping and delivery issues</p> <p>3.2 Defective and incorrect items shall be replaced</p> <p>3.3 Warranty Period should be 1 year; warranty on and Labor with Premier Support</p> <p>4. PAYMENT AND DELIVERY TERMS</p> <p>4.1 The Price of bid must be inclusive of government taxes and additional fees.</p> <p>4.2 Government terms, payment upon complete delivery</p>	5	set	120.00	600.00

	<p>4.3 Delivery of goods shall be made by the supplier within thirty (30) calendar days upon issuance of Notice to Proceed</p> <p>4.4 The unit must be brand new and unused.</p>				
10	<p>Professional Silicone-Tip Solder Sucker</p> <p>1. GENERAL OVERVIEW</p> <p>1.1 The Advanced Science and Technology Institute is seeking qualified and competent bidders to supply and delivery of two (2) pcs Professional Silicone-Tip Solder Sucker for use as a desoldering tool to remove the lead from the electronic components in the prototype.</p> <p>1.2 The technical specification indicated herein are minimum requirement, unless otherwise specified</p> <p>2. TECHNICAL SPECIFICATIONS</p> <p>2.1 heavy duty</p> <p>3. WARRANTY AND AFTER SALES SUPPORT</p> <p>3.1 Supplier warrants the items against defects in manufacturing and shipping and delivery issues</p> <p>3.2 Defective and incorrect items shall be replaced</p> <p>3.3 Warranty Period should be 1 year; warranty on and Labor with Premier Support</p> <p>4. PAYMENT AND DELIVERY TERMS</p> <p>4.1 The Price of bid must be inclusive of government taxes and additional fees.</p> <p>4.2 Government terms, payment upon complete delivery</p> <p>4.3 Delivery of goods shall be made by the supplier within thirty (30) calendar days upon issuance of Notice to Proceed</p> <p>4.4 The unit must be brand new and unused.</p>	2	pc	1,700.00	3,400.00
11	<p>Portable Workbench</p> <p>1. GENERAL OVERVIEW</p> <p>1.1 The Advanced Science and Technology Institute is seeking qualified and competent bidders to supply and delivery of one (1) unit Portable Workbench for use as a working bench for hardware works for prototyping.</p> <p>1.2 The technical specification indicated herein are minimum requirement, unless otherwise specified</p> <p>2. TECHNICAL SPECIFICATIONS</p> <p>2.1 heavy duty</p> <p>2.2 foldable</p> <p>3. WARRANTY AND AFTER SALES SUPPORT</p> <p>3.1 Supplier warrants the items against defects in manufacturing and shipping and delivery issues</p> <p>3.2 Defective and incorrect items shall be replaced</p> <p>3.3 Warranty Period should be 1 year; warranty on and Labor with Premier Support</p> <p>4. PAYMENT AND DELIVERY TERMS</p> <p>4.1 The Price of bid must be inclusive of government taxes and additional fees.</p> <p>4.2 Government terms, payment upon complete delivery</p> <p>4.3 Delivery of goods shall be made by the supplier within thirty (30) calendar days upon issuance of Notice to Proceed</p> <p>4.4 The unit must be brand new and unused.</p>	1	unit	14,500.00	14,500.00

12	<p>Digital Caliper 150mm IP54</p> <p>1. GENERAL OVERVIEW</p> <p>1.1 The Advanced Science and Technology Institute is seeking qualified and competent bidders to supply and delivery of one (1) pc Digital Caliper 150mm IP54 for use as a digital measuring device for small parts that need precision for the prototype.</p> <p>1.2 The technical specification indicated herein are minimum requirement, unless otherwise specified</p> <p>2. TECHNICAL SPECIFICATIONS</p> <p>2.1 Heavy Duty</p> <p>2.2 IP54</p> <p>3. WARRANTY AND AFTER SALES SUPPORT</p> <p>3.1 Supplier warrants the items against defects in manufacturing and shipping and delivery issues</p> <p>3.2 Defective and incorrect items shall be replaced</p> <p>3.3 Warranty Period should be 1 year; warranty on and Labor with Premier Support</p> <p>4. PAYMENT AND DELIVERY TERMS</p> <p>4.1 The Price of bid must be inclusive of government taxes and additional fees.</p> <p>4.2 Government terms, payment upon complete delivery</p> <p>4.3 Delivery of goods shall be made by the supplier within thirty (30) calendar days upon issuance of Notice to Proceed</p> <p>4.4 The unit must be brand new and unused.</p>	1	pc	4,000.00	4,000.00
13	<p>Professional Soldering Station With Helping Hands and a LED Magnifying Lens</p> <p>1. GENERAL OVERVIEW</p> <p>1.1 The Advanced Science and Technology Institute is seeking qualified and competent bidders to supply and delivery of one (1) pc Professional Soldering Station With Helping Hands and a LED Magnifying Lens for use soldering tool to join wires and components to circuit board.</p> <p>1.2 The technical specification indicated herein are minimum requirement, unless otherwise specified</p> <p>2. TECHNICAL SPECIFICATIONS</p> <p>2.1 220V AC</p> <p>2.2 60 Hz</p> <p>3. WARRANTY AND AFTER SALES SUPPORT</p> <p>3.1 Supplier warrants the items against defects in manufacturing and shipping and delivery issues</p> <p>3.2 Defective and incorrect items shall be replaced</p> <p>3.3 Warranty Period should be 1 year; warranty on and Labor with Premier Support</p> <p>4. PAYMENT AND DELIVERY TERMS</p> <p>4.1 The Price of bid must be inclusive of government taxes and additional fees.</p> <p>4.2 Government terms, payment upon complete delivery</p> <p>4.3 Delivery of goods shall be made by the supplier within thirty (30) calendar days upon issuance of Notice to Proceed</p> <p>4.4 The unit must be brand new and unused.</p>	1	pc	4,125.00	4,125.00
14	<p>Electronics contact cleaner 500 ml</p>	10	pc	600.00	6,000.00

	<p>1. GENERAL OVERVIEW</p> <p>1.1 The Advanced Science and Technology Institute is seeking qualified and competent bidders to supply and delivery of ten (10) pcs Electronics contact cleaner 500 ml for use as a cleaner of electronics circuit used in prototyping.</p> <p>1.2 The technical specification indicated herein are minimum requirement, unless otherwise specified</p> <p>2. TECHNICAL SPECIFICATIONS</p> <p>2.1 500 ml</p> <p>2.2 quick drying</p> <p>3. WARRANTY AND AFTER SALES SUPPORT</p> <p>3.1 Supplier warrants the items against defects in manufacturing and shipping and delivery issues</p> <p>3.2 Defective and incorrect items shall be replaced</p> <p>3.3 Warranty Period should be 1 year; warranty on and Labor with Premier Support</p> <p>4. PAYMENT AND DELIVERY TERMS</p> <p>4.1 The Price of bid must be inclusive of government taxes and additional fees.</p> <p>4.2 Government terms, payment upon complete delivery</p> <p>4.3 Delivery of goods shall be made by the supplier within thirty (30) calendar days upon issuance of Notice to Proceed</p> <p>4.4 The unit must be brand new and unused.</p>				
15	<p>Teflon for 1/2"</p> <p>1. GENERAL OVERVIEW</p> <p>1.1 The Advanced Science and Technology Institute is seeking qualified and competent bidders to supply and delivery of ten (10) pcs Teflon for 1/2" for use as a leak preventive tape for plumbing works</p> <p>1.2 The technical specification indicated herein are minimum requirement, unless otherwise specified</p> <p>2. TECHNICAL SPECIFICATIONS</p> <p>2.1 for 1/2" pvc pipe</p> <p>2.2 heavy duty</p> <p>3. WARRANTY AND AFTER SALES SUPPORT</p> <p>3.1 Supplier warrants the items against defects in manufacturing and shipping and delivery issues</p> <p>3.2 Defective and incorrect items shall be replaced</p> <p>3.3 Warranty Period should be 1 year; warranty on and Labor with Premier Support</p> <p>4. PAYMENT AND DELIVERY TERMS</p> <p>4.1 The Price of bid must be inclusive of government taxes and additional fees.</p> <p>4.2 Government terms, payment upon complete delivery</p> <p>4.3 Delivery of goods shall be made by the supplier within thirty (30) calendar days upon issuance of Notice to Proceed</p> <p>4.4 The unit must be brand new and unused.</p>	10	pc	150.00	1,500.00
16	<p>PVC cement</p> <p>1. GENERAL OVERVIEW</p> <p>1.1 The Advanced Science and Technology Institute is seeking qualified and competent bidders to supply and delivery of five (5) pcs PVC cement for use as leak</p>	5	pc	600.00	3,000.00

	<p>prevention in plumbing works for the prototype</p> <p>1.2 The technical specification indicated herein are minimum requirement, unless otherwise specified</p> <p>2. TECHNICAL SPECIFICATIONS</p> <p>2.1 quick-action</p> <p>2.2 heat resistant</p> <p>3. WARRANTY AND AFTER SALES SUPPORT</p> <p>3.1 Supplier warrants the items against defects in manufacturing and shipping and delivery issues</p> <p>3.2 Defective and incorrect items shall be replaced</p> <p>3.3 Warranty Period should be 1 year; warranty on and Labor with Premier Support</p> <p>4. PAYMENT AND DELIVERY TERMS</p> <p>4.1 The Price of bid must be inclusive of government taxes and additional fees.</p> <p>4.2 Government terms, payment upon complete delivery</p> <p>4.3 Delivery of goods shall be made by the supplier within thirty (30) calendar days upon issuance of Notice to Proceed</p> <p>4.4 The unit must be brand new and unused.</p>				
17	<p>Flexible Magnetic Build Surface Pads for 3D printer Ender-3 Pro compatible</p> <p>1. GENERAL OVERVIEW</p> <p>1.1 The Advanced Science and Technology Institute is seeking qualified and competent bidders to supply and delivery of four (4) pcs Flexible Magnetic Build Surface Pads for 3D printer Ender-3 Pro compatible for use as a replaceable surface pad for 3D printing in fabrication and reinforcement of the platform prototype.</p> <p>1.2 The technical specification indicated herein are minimum requirement, unless otherwise specified</p> <p>2. TECHNICAL SPECIFICATIONS</p> <p>2.1 replaceable</p> <p>2.2 Ender-3 Pro compatible</p> <p>3. WARRANTY AND AFTER SALES SUPPORT</p> <p>3.1 Supplier warrants the items against defects in manufacturing and shipping and delivery issues</p> <p>3.2 Defective and incorrect items shall be replaced</p> <p>3.3 Warranty Period should be 1 year; warranty on and Labor with Premier Support</p> <p>4. PAYMENT AND DELIVERY TERMS</p> <p>4.1 The Price of bid must be inclusive of government taxes and additional fees.</p> <p>4.2 Government terms, payment upon complete delivery</p> <p>4.3 Delivery of goods shall be made by the supplier within thirty (30) calendar days upon issuance of Notice to Proceed</p> <p>4.4 The unit must be brand new and unused.</p>	4	pc	2,090.00	8,360.00
18	<p>Thermal label printer</p> <p>1. GENERAL OVERVIEW</p> <p>1.1 The Advanced Science and Technology Institute is seeking qualified and competent bidders to supply and delivery of two (2) pcs Thermal label printer for use as a portable printing machine for printing labels for</p>	2	pc	2,400.00	4,800.00

	<p>the platform prototype components and modules</p> <p>1.2 The technical specification indicated herein are minimum requirement, unless otherwise specified</p> <p>2. TECHNICAL SPECIFICATIONS</p> <p>2.1 portable</p> <p>2.2 color: black</p> <p>3. WARRANTY AND AFTER SALES SUPPORT</p> <p>3.1 Supplier warrants the items against defects in manufacturing and shipping and delivery issues</p> <p>3.2 Defective and incorrect items shall be replaced</p> <p>3.3 Warranty Period should be 1 year; warranty on and Labor with Premier Support</p> <p>4. PAYMENT AND DELIVERY TERMS</p> <p>4.1 The Price of bid must be inclusive of government taxes and additional fees.</p> <p>4.2 Government terms, payment upon complete delivery</p> <p>4.3 Delivery of goods shall be made by the supplier within thirty (30) calendar days upon issuance of Notice to Proceed</p> <p>4.4 The unit must be brand new and unused.</p>				
19	<p>PCB rotary drilling tool with drill bit set</p> <p>1. GENERAL OVERVIEW</p> <p>1.1 The Advanced Science and Technology Institute is seeking qualified and competent bidders to supply and delivery of one (1) set of PCB rotary drilling tool with drill bit for use as a drilling power tool for printed circuit board drilling used for the prototype circuitry fabrication.</p> <p>1.2 The technical specification indicated herein are minimum requirement, unless otherwise specified</p> <p>2. TECHNICAL SPECIFICATIONS</p> <p>2.1 handy and compact</p> <p>2.2 4.2V - 12V DC usb rechargeable battery</p> <p>3. WARRANTY AND AFTER SALES SUPPORT</p> <p>3.1 Supplier warrants the items against defects in manufacturing and shipping and delivery issues</p> <p>3.2 Defective and incorrect items shall be replaced</p> <p>3.3 Warranty Period should be 1 year; warranty on and Labor with Premier Support</p> <p>4. PAYMENT AND DELIVERY TERMS</p> <p>4.1 The Price of bid must be inclusive of government taxes and additional fees.</p> <p>4.2 Government terms, payment upon complete delivery</p> <p>4.3 Delivery of goods shall be made by the supplier within thirty (30) calendar days upon issuance of Notice to Proceed</p> <p>4.4 The unit must be brand new and unused.</p>	1	set	1,529.00	1,529.00
20	<p>Heavy Duty Hand Riveter</p> <p>1. GENERAL OVERVIEW</p> <p>1.1 The Advanced Science and Technology Institute is seeking qualified and competent bidders to supply and delivery of one (1) pc of Heavy Duty Hand Riveter for use as a riveting tool to drive the blind rivets into the aluminum joint for reinforcement and as a structural frame for the prototype.</p>	1	pc	1,430.00	1,430.00

	<p>1.2 The technical specification indicated herein are minimum requirement, unless otherwise specified</p> <p>2. TECHNICAL SPECIFICATIONS</p> <p>2.1 heavy duty</p> <p>3. WARRANTY AND AFTER SALES SUPPORT</p> <p>3.1 Supplier warrants the items against defects in manufacturing and shipping and delivery issues</p> <p>3.2 Defective and incorrect items shall be replaced</p> <p>3.3 Warranty Period should be 1 year; warranty on and Labor with Premier Support</p> <p>4. PAYMENT AND DELIVERY TERMS</p> <p>4.1 The Price of bid must be inclusive of government taxes and additional fees.</p> <p>4.2 Government terms, payment upon complete delivery</p> <p>4.3 Delivery of goods shall be made by the supplier within thirty (30) calendar days upon issuance of Notice to Proceed</p> <p>4.4 The unit must be brand new and unused.</p>				
21	<p>Aluminum blind rivet 1/8 x 1/2 " 1 box</p> <p>1. GENERAL OVERVIEW</p> <p>1.1 The Advanced Science and Technology Institute is seeking qualified and competent bidders to supply and delivery of three (3) boxes of Aluminum blind rivet 1/8 x 1/2 " 1 box for use like a screw or nail for joining aluminum angle bar and other joints for fastening or joining together to form structural frame and reinforcement of the plantform prototype.</p> <p>1.2 The technical specification indicated herein are minimum requirement, unless otherwise specified</p> <p>2. TECHNICAL SPECIFICATIONS</p> <p>2.1 * 1/8 x 1/2"</p> <p>3. WARRANTY AND AFTER SALES SUPPORT</p> <p>3.1 Supplier warrants the items against defects in manufacturing and shipping and delivery issues</p> <p>3.2 Defective and incorrect items shall be replaced</p> <p>3.3 Warranty Period should be 1 year; warranty on and Labor with Premier Support</p> <p>4. PAYMENT AND DELIVERY TERMS</p> <p>4.1 The Price of bid must be inclusive of government taxes and additional fees.</p> <p>4.2 Government terms, payment upon complete delivery</p> <p>4.3 Delivery of goods shall be made by the supplier within thirty (30) calendar days upon issuance of Notice to Proceed</p> <p>4.4 The unit must be brand new and unused.</p>	3	box	330.00	990.00
22	<p>Aluminum blind rivet 1/8 x 1/4 " 1 box</p> <p>1. GENERAL OVERVIEW</p> <p>1.1 The Advanced Science and Technology Institute is seeking qualified and competent bidders to supply and delivery of three (3) boxes of Aluminum blind rivet 1/8 x 1/4 " 1 box for use like a screw or nail for joining aluminum angle bar and other joints for fastening or joining together to form structural frame and reinforcement of the plantform prototype.</p> <p>1.2 The technical specification indicated herein are</p>	3	box	308.00	924.00

	<p>minimum requirement, unless otherwise specified</p> <p>2. TECHNICAL SPECIFICATIONS 2.1 * 1/8 x 1/4"</p> <p>3. WARRANTY AND AFTER SALES SUPPORT 3.1 Supplier warrants the items against defects in manufacturing and shipping and delivery issues 3.2 Defective and incorrect items shall be replaced 3.3 Warranty Period should be 1 year; warranty on and Labor with Premier Support</p> <p>4. PAYMENT AND DELIVERY TERMS 4.1 The Price of bid must be inclusive of government taxes and additional fees. 4.2 Government terms, payment upon complete delivery 4.3 Delivery of goods shall be made by the supplier within thirty (30) calendar days upon issuance of Notice to Proceed 4.4 The unit must be brand new and unused.</p>				
23	<p>UV exposure unit for PCB development</p> <p>1. GENERAL OVERVIEW 1.1 The Advanced Science and Technology Institute is seeking qualified and competent bidders to supply and delivery of one (1) unit of UV exposure unit for PCB development for use as an equipment used to expose for development and printing of layout prior to etching, Hence for Printed Circuit Board Fabrication 1.2 The technical specification indicated herein are minimum requirement, unless otherwise specified</p> <p>2. TECHNICAL SPECIFICATIONS 2.1 220V AC 2.2 with time adjustment feature</p> <p>3. WARRANTY AND AFTER SALES SUPPORT 3.1 Supplier warrants the items against defects in manufacturing and shipping and delivery issues 3.2 Defective and incorrect items shall be replaced 3.3 Warranty Period should be 1 year; warranty on and Labor with Premier Support</p> <p>4. PAYMENT AND DELIVERY TERMS 4.1 The Price of bid must be inclusive of government taxes and additional fees. 4.2 Government terms, payment upon complete delivery 4.3 Delivery of goods shall be made by the supplier within thirty (30) calendar days upon issuance of Notice to Proceed 4.4 The unit must be brand new and unused.</p>	1	unit	12,000.00	12,000.00
24	<p>Heavy Duty Automatic Wire Stripper and Cutter</p> <p>1. GENERAL OVERVIEW 1.1 The Advanced Science and Technology Institute is seeking qualified and competent bidders to supply and delivery of two (2) pcs of Heavy Duty Automatic Wire Stripper and Cutter for use as a hand tool for stripping easily connecting wires used for electronic and electrical components used by the plantform prototype. 1.2 The technical specification indicated herein are minimum requirement, unless otherwise specified</p>	2	pc	1,500.00	3,000.00

<p>2. TECHNICAL SPECIFICATIONS 2.1 heavy duty</p> <p>3. WARRANTY AND AFTER SALES SUPPORT 3.1 Supplier warrants the items against defects in manufacturing and shipping and delivery issues 3.2 Defective and incorrect items shall be replaced 3.3 Warranty Period should be 1 year; warranty on and Labor with Premier Support</p> <p>4. PAYMENT AND DELIVERY TERMS 4.1 The Price of bid must be inclusive of government taxes and additional fees. 4.2 Government terms, payment upon complete delivery 4.3 Delivery of goods shall be made by the supplier within thirty (30) calendar days upon issuance of Notice to Proceed 4.4 The unit must be brand new and unused.</p>				
<p>25 Soldering Lead 1 roll (1mm) 1. GENERAL OVERVIEW 1.1 The Advanced Science and Technology Institute is seeking qualified and competent bidders to supply and delivery of five (5) pcs of Soldering Lead 1 roll (1mm) for use as a consumable lead material used for soldering electronic components 1.2 The technical specification indicated herein are minimum requirement, unless otherwise specified</p> <p>2. TECHNICAL SPECIFICATIONS 2.1 thickness: 1mm</p> <p>3. WARRANTY AND AFTER SALES SUPPORT 3.1 Supplier warrants the items against defects in manufacturing and shipping and delivery issues 3.2 Defective and incorrect items shall be replaced 3.3 Warranty Period should be 1 year; warranty on and Labor with Premier Support</p> <p>4. PAYMENT AND DELIVERY TERMS 4.1 The Price of bid must be inclusive of government taxes and additional fees. 4.2 Government terms, payment upon complete delivery 4.3 Delivery of goods shall be made by the supplier within thirty (30) calendar days upon issuance of Notice to Proceed 4.4 The unit must be brand new and unused.</p>	5	pc	500.00	2,500.00
<p>26 Soldering Iron Tip cleaning wire sponge ball 1. GENERAL OVERVIEW 1.1 The Advanced Science and Technology Institute is seeking qualified and competent bidders to supply and delivery of five (5) pcs of Soldering Iron Tip cleaning wire sponge ball for use as a disposaple cleaning sponge for cleaning tips of soldering iron after soldering. 1.2 The technical specification indicated herein are minimum requirement, unless otherwise specified</p> <p>2. TECHNICAL SPECIFICATIONS 2.1 heavy duty 2.2 material: copper</p>	5	pc	385.00	1,925.00

	<p>3. WARRANTY AND AFTER SALES SUPPORT</p> <p>3.1 Supplier warrants the items against defects in manufacturing and shipping and delivery issues</p> <p>3.2 Defective and incorrect items shall be replaced</p> <p>3.3 Warranty Period should be 1 year; warranty on and Labor with Premier Support</p> <p>4. PAYMENT AND DELIVERY TERMS</p> <p>4.1 The Price of bid must be inclusive of government taxes and additional fees.</p> <p>4.2 Government terms, payment upon complete delivery</p> <p>4.3 Delivery of goods shall be made by the supplier within thirty (30) calendar days upon issuance of Notice to Proceed</p> <p>4.4 The unit must be brand new and unused.</p>				
27	<p>Soldering Paste</p> <p>1. GENERAL OVERVIEW</p> <p>1.1 The Advanced Science and Technology Institute is seeking qualified and competent bidders to supply and delivery of four (4) pcs of Soldering Paste for use as a consumable to aid soldering in binding with conductors together.</p> <p>1.2 The technical specification indicated herein are minimum requirement, unless otherwise specified</p> <p>2. TECHNICAL SPECIFICATIONS</p> <p>2.1 heavy duty</p> <p>2.2 non-corrosive</p> <p>3. WARRANTY AND AFTER SALES SUPPORT</p> <p>3.1 Supplier warrants the items against defects in manufacturing and shipping and delivery issues</p> <p>3.2 Defective and incorrect items shall be replaced</p> <p>3.3 Warranty Period should be 1 year; warranty on and Labor with Premier Support</p> <p>4. PAYMENT AND DELIVERY TERMS</p> <p>4.1 The Price of bid must be inclusive of government taxes and additional fees.</p> <p>4.2 Government terms, payment upon complete delivery</p> <p>4.3 Delivery of goods shall be made by the supplier within thirty (30) calendar days upon issuance of Notice to Proceed</p> <p>4.4 The unit must be brand new and unused.</p>	4	pc	750.00	3,000.00
28	<p>Heat Insulation Silicone Pad Soldering Repair Mat</p> <p>1. GENERAL OVERVIEW</p> <p>1.1 The Advanced Science and Technology Institute is seeking qualified and competent bidders to supply and delivery of three (3) pcs of Heat Insulation Silicone Pad Soldering Repair Mat for use as a repair and soldering mat for comfortable and stable soldering and circuit prototyping tool.</p> <p>1.2 The technical specification indicated herein are minimum requirement, unless otherwise specified</p> <p>2. TECHNICAL SPECIFICATIONS</p> <p>2.1 static resistant</p> <p>2.2 material: silicon</p> <p>3. WARRANTY AND AFTER SALES SUPPORT</p> <p>3.1 Supplier warrants the items against defects in</p>	3	pc	528.00	1,584.00

	<p>manufacturing and shipping and delivery issues</p> <p>3.2 Defective and incorrect items shall be replaced</p> <p>3.3 Warranty Period should be 1 year; warranty on and Labor with Premier Support</p> <p>4. PAYMENT AND DELIVERY TERMS</p> <p>4.1 The Price of bid must be inclusive of government taxes and additional fees.</p> <p>4.2 Government terms, payment upon complete delivery</p> <p>4.3 Delivery of goods shall be made by the supplier within thirty (30) calendar days upon issuance of Notice to Proceed</p> <p>4.4 The unit must be brand new and unused.</p>				
29	<p>PCB ruler</p> <p>1. GENERAL OVERVIEW</p> <p>"1.1 The Advanced Science and Technology Institute is seeking qualified and competent bidders to supply and delivery of three (3) pcs of PCB ruler for use as a special measuring tool with circuit and components guide for better prototyping accuracy."</p> <p>1.2 The technical specification indicated herein are minimum requirement, unless otherwise specified</p> <p>2. TECHNICAL SPECIFICATIONS</p> <p>2.1 * with electronic component references</p> <p>3. WARRANTY AND AFTER SALES SUPPORT</p> <p>3.1 Supplier warrants the items against defects in manufacturing and shipping and delivery issues</p> <p>3.2 Defective and incorrect items shall be replaced</p> <p>3.3 Warranty Period should be 1 year; warranty on and Labor with Premier Support</p> <p>4. PAYMENT AND DELIVERY TERMS</p> <p>4.1 The Price of bid must be inclusive of government taxes and additional fees.</p> <p>4.2 Government terms, payment upon complete delivery</p> <p>4.3 Delivery of goods shall be made by the supplier within thirty (30) calendar days upon issuance of Notice to Proceed</p> <p>4.4 The unit must be brand new and unused.</p>	3	pc	200.00	600.00
30	<p>Qwerty keyboard for single-board-computer</p> <p>1. GENERAL OVERVIEW</p> <p>1.1 The Advanced Science and Technology Institute is seeking qualified and competent bidders to supply and delivery of two (2) pcs of Qwerty keyboard for single-board-computer for use as a peripheral for the single-board-computer for input set-up for the prototyping</p> <p>1.2 The technical specification indicated herein are minimum requirement, unless otherwise specified</p> <p>2. TECHNICAL SPECIFICATIONS</p> <p>2.1 wired</p> <p>2.2 compatible with raspberry pi 4</p> <p>3. WARRANTY AND AFTER SALES SUPPORT</p> <p>3.1 Supplier warrants the items against defects in manufacturing and shipping and delivery issues</p> <p>3.2 Defective and incorrect items shall be replaced</p> <p>3.3 Warranty Period should be 1 year; warranty on</p>	2	pc	1,200.00	2,400.00

	<p>and Labor with Premier Support</p> <p>4. PAYMENT AND DELIVERY TERMS</p> <p>4.1 The Price of bid must be inclusive of government taxes and additional fees.</p> <p>4.2 Government terms, payment upon complete delivery</p> <p>4.3 Delivery of goods shall be made by the supplier within thirty (30) calendar days upon issuance of Notice to Proceed</p> <p>4.4 The unit must be brand new and unused.</p>				
31	<p>Mouse peripheral for single-board-computer</p> <p>1. GENERAL OVERVIEW</p> <p>1.1 The Advanced Science and Technology Institute is seeking qualified and competent bidders to supply and delivery of two (2) pcs of Mouse peripheral for single-board-computer for use as a peripheral for the single-board-computer for input set-up for the prototyping.</p> <p>1.2 The technical specification indicated herein are minimum requirement, unless otherwise specified</p> <p>2. TECHNICAL SPECIFICATIONS</p> <p>2.1 wired</p> <p>2.2 compatible with raspberry pi 4</p> <p>3. WARRANTY AND AFTER SALES SUPPORT</p> <p>3.1 Supplier warrants the items against defects in manufacturing and shipping and delivery issues</p> <p>3.2 Defective and incorrect items shall be replaced</p> <p>3.3 Warranty Period should be 1 year; warranty on and Labor with Premier Support</p> <p>4. PAYMENT AND DELIVERY TERMS</p> <p>4.1 The Price of bid must be inclusive of government taxes and additional fees.</p> <p>4.2 Government terms, payment upon complete delivery</p> <p>4.3 Delivery of goods shall be made by the supplier within thirty (30) calendar days upon issuance of Notice to Proceed</p> <p>4.4 The unit must be brand new and unused.</p>	2	pc	990.00	1,980.00
32	<p>Metal Peg Board with hooks and mounting accessories set</p> <p>1. GENERAL OVERVIEW</p> <p>1.1 The Advanced Science and Technology Institute is seeking qualified and competent bidders to supply and delivery of one (1) set of Metal Peg Board with hooks and mounting accessories set for use as a wall/ in-house storage of power tools and equipments to be used for prototyping</p> <p>1.2 The technical specification indicated herein are minimum requirement, unless otherwise specified</p> <p>2. TECHNICAL SPECIFICATIONS</p> <p>2.1 wall-mounted type</p> <p>2.2 with included mounting hooks</p> <p>3. WARRANTY AND AFTER SALES SUPPORT</p> <p>3.1 Supplier warrants the items against defects in manufacturing and shipping and delivery issues</p> <p>3.2 Defective and incorrect items shall be replaced</p> <p>3.3 Warranty Period should be 1 year; warranty on</p>	1	set	4,510.00	4,510.00

	and Labor with Premier Support 4. PAYMENT AND DELIVERY TERMS 4.1 The Price of bid must be inclusive of government taxes and additional fees. 4.2 Government terms, payment upon complete delivery 4.3 Delivery of goods shall be made by the supplier within thirty (30) calendar days upon issuance of Notice to Proceed 4.4 The unit must be brand new and unused.				
33	3 Layer Hand Push Tool Cart Trolley For Tool Storage with hook 1. GENERAL OVERVIEW 1.1 The Advanced Science and Technology Institute is seeking qualified and competent bidders to supply and delivery of two (2) units of 3 Layer Hand Push Tool Cart Trolley For Tool Storage with hook for use as a traveling storage of power tools and equipments to be used for prototyping. 1.2 The technical specification indicated herein are minimum requirement, unless otherwise specified 2. TECHNICAL SPECIFICATIONS 2.1 740x360x1060mm 2.2 3-layer 3. WARRANTY AND AFTER SALES SUPPORT 3.1 Supplier warrants the items against defects in manufacturing and shipping and delivery issues 3.2 Defective and incorrect items shall be replaced 3.3 Warranty Period should be 1 year; warranty on and Labor with Premier Support 4. PAYMENT AND DELIVERY TERMS 4.1 The Price of bid must be inclusive of government taxes and additional fees. 4.2 Government terms, payment upon complete delivery 4.3 Delivery of goods shall be made by the supplier within thirty (30) calendar days upon issuance of Notice to Proceed 4.4 The unit must be brand new and unused.	2	unit	5,610.00	11,220.00
34	16 drawers steel cabinet for parts storage, 552mm x 150mm x 306mm 1. GENERAL OVERVIEW 1.1 The Advanced Science and Technology Institute is seeking qualified and competent bidders to supply and delivery of one (1) unit of 16 drawers steel cabinet for parts storage, 552mm x 150mm x 306mm for use as storage cabinet for the electronic parts, sensors, etc to be used for the plantform prototyping. 1.2 The technical specification indicated herein are minimum requirement, unless otherwise specified 2. TECHNICAL SPECIFICATIONS 2.1 552mmx150mmx306mm 2.2 steel cabinet 3. WARRANTY AND AFTER SALES SUPPORT 3.1 Supplier warrants the items against defects in manufacturing and shipping and delivery issues 3.2 Defective and incorrect items shall be replaced	1	unit	11,100.00	11,100.00

	<p>3.3 Warranty Period should be 1 year; warranty on and Labor with Premier Support</p> <p>4. PAYMENT AND DELIVERY TERMS</p> <p>4.1 The Price of bid must be inclusive of government taxes and additional fees.</p> <p>4.2 Government terms, payment upon complete delivery</p> <p>4.3 Delivery of goods shall be made by the supplier within thirty (30) calendar days upon issuance of Notice to Proceed</p> <p>4.4 The unit must be brand new and unused.</p>				
35	<p>Heavy duty bolt cutter</p> <p>1. GENERAL OVERVIEW</p> <p>1.1 The Advanced Science and Technology Institute is seeking qualified and competent bidders to supply and delivery of two (2) pcs of heavy duty bolt cutter for use for cutting thicker materials such as chain, metals, locks, thick meshes of wires, solid wires to be used in plantform prototyping.</p> <p>1.2 The technical specification indicated herein are minimum requirement, unless otherwise specified</p> <p>2. TECHNICAL SPECIFICATIONS</p> <p>2.1 heavy duty</p> <p>2.2 steel</p> <p>3. WARRANTY AND AFTER SALES SUPPORT</p> <p>3.1 Supplier warrants the items against defects in manufacturing and shipping and delivery issues</p> <p>3.2 Defective and incorrect items shall be replaced</p> <p>3.3 Warranty Period should be 1 year; warranty on and Labor with Premier Support</p> <p>4. PAYMENT AND DELIVERY TERMS</p> <p>4.1 The Price of bid must be inclusive of government taxes and additional fees.</p> <p>4.2 Government terms, payment upon complete delivery</p> <p>4.3 Delivery of goods shall be made by the supplier within thirty (30) calendar days upon issuance of Notice to Proceed</p> <p>4.4 The unit must be brand new and unused.</p>	2	pc	600.00	1,200.00
36	<p>Heavy Duty Chrome vanadium steel pliers</p> <p>1. GENERAL OVERVIEW</p> <p>1.1 The Advanced Science and Technology Institute is seeking qualified and competent bidders to supply and delivery of four (4) pcs of Heavy Duty Chrome vanadium steel pliers for use as as cutting, shaping and twisting hand tool for plantform prototyping.</p> <p>1.2 The technical specification indicated herein are minimum requirement, unless otherwise specified</p> <p>2. TECHNICAL SPECIFICATIONS</p> <p>2.1 heavy duty</p> <p>2.2 vanadium steel</p> <p>3. WARRANTY AND AFTER SALES SUPPORT</p> <p>3.1 Supplier warrants the items against defects in manufacturing and shipping and delivery issues</p> <p>3.2 Defective and incorrect items shall be replaced</p> <p>3.3 Warranty Period should be 1 year; warranty on and Labor with Premier Support</p>	4	pc	1,045.00	4,180.00

	<p>4. PAYMENT AND DELIVERY TERMS</p> <p>4.1 The Price of bid must be inclusive of government taxes and additional fees.</p> <p>4.2 Government terms, payment upon complete delivery</p> <p>4.3 Delivery of goods shall be made by the supplier within thirty (30) calendar days upon issuance of Notice to Proceed</p> <p>4.4 The unit must be brand new and unused.</p>				
37	<p>Heavy Duty PVC Pipe Cutter</p> <p>1. GENERAL OVERVIEW</p> <p>1.1 The Advanced Science and Technology Institute is seeking qualified and competent bidders to supply and delivery of two (2) pcs of Heavy Duty PVC Pipe Cutter for use as a pipe cutting hand tool to be used for the prototype</p> <p>1.2 The technical specification indicated herein are minimum requirement, unless otherwise specified</p> <p>2. TECHNICAL SPECIFICATIONS</p> <p>2.1 heavy duty</p> <p>3. WARRANTY AND AFTER SALES SUPPORT</p> <p>3.1 Supplier warrants the items against defects in manufacturing and shipping and delivery issues</p> <p>3.2 Defective and incorrect items shall be replaced</p> <p>3.3 Warranty Period should be 1 year; warranty on and Labor with Premier Support</p> <p>4. PAYMENT AND DELIVERY TERMS</p> <p>4.1 The Price of bid must be inclusive of government taxes and additional fees.</p> <p>4.2 Government terms, payment upon complete delivery</p> <p>4.3 Delivery of goods shall be made by the supplier within thirty (30) calendar days upon issuance of Notice to Proceed</p> <p>4.4 The unit must be brand new and unused.</p>	2	pc	1,300.00	2,600.00
38	<p>Heavy Duty Wire Stripper</p> <p>1. GENERAL OVERVIEW</p> <p>1.1 The Advanced Science and Technology Institute is seeking qualified and competent bidders to supply and delivery of two (2) pcs of Heavy Duty Wire Stripper for use as a stripping hand tool for wires to be used in the prototype</p> <p>1.2 The technical specification indicated herein are minimum requirement, unless otherwise specified</p> <p>2. TECHNICAL SPECIFICATIONS</p> <p>2.1 heavy duty</p> <p>3. WARRANTY AND AFTER SALES SUPPORT</p> <p>3.1 Supplier warrants the items against defects in manufacturing and shipping and delivery issues</p> <p>3.2 Defective and incorrect items shall be replaced</p> <p>3.3 Warranty Period should be 1 year; warranty on and Labor with Premier Support</p> <p>4. PAYMENT AND DELIVERY TERMS</p> <p>4.1 The Price of bid must be inclusive of government taxes and additional fees.</p> <p>4.2 Government terms, payment upon complete delivery</p>	2	pc	2,000.00	4,000.00

	4.3 Delivery of goods shall be made by the supplier within thirty (30) calendar days upon issuance of Notice to Proceed 4.4 The unit must be brand new and unused.				
39	<p>3 Piece Metal Step Drill Bit Set, 4mm to 30mm</p> <p>1. GENERAL OVERVIEW</p> <p>1.1 The Advanced Science and Technology Institute is seeking qualified and competent bidders to supply and delivery of two (2) sets of 3 Piece Metal Step Drill Bit Set, 4mm to 30mm for use as a replaceable drill motor peripheral used for drilling bigger holes holes for prototyping.</p> <p>1.2 The technical specification indicated herein are minimum requirement, unless otherwise specified</p> <p>2. TECHNICAL SPECIFICATIONS</p> <p>2.1 heavy duty 2.2 4mm to 30mm</p> <p>3. WARRANTY AND AFTER SALES SUPPORT</p> <p>3.1 Supplier warrants the items against defects in manufacturing and shipping and delivery issues 3.2 Defective and incorrect items shall be replaced 3.3 Warranty Period should be 1 year; warranty on and Labor with Premier Support</p> <p>4. PAYMENT AND DELIVERY TERMS</p> <p>4.1 The Price of bid must be inclusive of government taxes and additional fees. 4.2 Government terms, payment upon complete delivery 4.3 Delivery of goods shall be made by the supplier within thirty (30) calendar days upon issuance of Notice to Proceed 4.4 The unit must be brand new and unused.</p>	2	set	9,500.00	19,000.00
40	<p>Masonry twist drill bit set</p> <p>1. GENERAL OVERVIEW</p> <p>1.1 The Advanced Science and Technology Institute is seeking qualified and competent bidders to supply and delivery of two (2) sets of Masonry twist drill bit set for use as a replaceable drill motor peripheral used for drilling holes specifically for masonry used for prototyping.</p> <p>1.2 The technical specification indicated herein are minimum requirement, unless otherwise specified</p> <p>2. TECHNICAL SPECIFICATIONS</p> <p>2.1 heavy duty 2.2 for masonry and cement</p> <p>3. WARRANTY AND AFTER SALES SUPPORT</p> <p>3.1 Supplier warrants the items against defects in manufacturing and shipping and delivery issues 3.2 Defective and incorrect items shall be replaced 3.3 Warranty Period should be 1 year; warranty on and Labor with Premier Support</p> <p>4. PAYMENT AND DELIVERY TERMS</p> <p>4.1 The Price of bid must be inclusive of government taxes and additional fees. 4.2 Government terms, payment upon complete delivery 4.3 Delivery of goods shall be made by the supplier</p>	2	set	1,250.00	2,500.00

	within thirty (30) calendar days upon issuance of Notice to Proceed 4.4 The unit must be brand new and unused.				
41	<p>Glass twist drill bit set 4mm to 8mm</p> <p>1. GENERAL OVERVIEW</p> <p>1.1 The Advanced Science and Technology Institute is seeking qualified and competent bidders to supply and delivery of two (2) sets of Glass twist drill bit set 4mm to 8mm for use as a replaceable drill motor peripheral used for drilling holes specifically for glass and plexi-glass used for prototyping.</p> <p>1.2 The technical specification indicated herein are minimum requirement, unless otherwise specified</p> <p>2. TECHNICAL SPECIFICATIONS</p> <p>2.1 heavy duty</p> <p>2.2 for glass</p> <p>3. WARRANTY AND AFTER SALES SUPPORT</p> <p>3.1 Supplier warrants the items against defects in manufacturing and shipping and delivery issues</p> <p>3.2 Defective and incorrect items shall be replaced</p> <p>3.3 Warranty Period should be 1 year; warranty on and Labor with Premier Support</p> <p>4. PAYMENT AND DELIVERY TERMS</p> <p>4.1 The Price of bid must be inclusive of government taxes and additional fees.</p> <p>4.2 Government terms, payment upon complete delivery</p> <p>4.3 Delivery of goods shall be made by the supplier within thirty (30) calendar days upon issuance of Notice to Proceed</p> <p>4.4 The unit must be brand new and unused.</p>	2	set	4,730.00	9,460.00
42	<p>Cordless angle grinder</p> <p>1. GENERAL OVERVIEW</p> <p>1.1 The Advanced Science and Technology Institute is seeking qualified and competent bidders to supply and delivery of two (2) units of cordless angle grinder for use as a power equipment for cutting different types of material used in fabrication and prototyping.</p> <p>1.2 The technical specification indicated herein are minimum requirement, unless otherwise specified</p> <p>2. TECHNICAL SPECIFICATIONS</p> <p>2.1 With rechargeable battery included</p> <p>2.2 20 - 24V DC</p> <p>2.3 With charger included</p> <p>3. WARRANTY AND AFTER SALES SUPPORT</p> <p>3.1 Supplier warrants the items against defects in manufacturing and shipping and delivery issues</p> <p>3.2 Defective and incorrect items shall be replaced</p> <p>3.3 Warranty Period should be 1 year; warranty on and Labor with Premier Support</p> <p>4. PAYMENT AND DELIVERY TERMS</p> <p>4.1 The Price of bid must be inclusive of government taxes and additional fees.</p> <p>4.2 Government terms, payment upon complete delivery</p> <p>4.3 Delivery of goods shall be made by the supplier within thirty (30) calendar days upon issuance of</p>	2	unit	10,000.00	20,000.00

	Notice to Proceed 4.4 The unit must be brand new and unused.				
43	Cutting disc for metal 1. GENERAL OVERVIEW 1.1 The Advanced Science and Technology Institute is seeking qualified and competent bidders to supply and delivery of three (3) boxes of cutting disc for metal for use as a a disposable disc for use by angle grinder specifically for meter used for prototyping. 1.2 The technical specification indicated herein are minimum requirement, unless otherwise specified 2. TECHNICAL SPECIFICATIONS 2.1 for metal 2.2 0.6mm 3. WARRANTY AND AFTER SALES SUPPORT 3.1 Supplier warrants the items against defects in manufacturing and shipping and delivery issues 3.2 Defective and incorrect items shall be replaced 3.3 Warranty Period should be 1 year; warranty on and Labor with Premier Support 4. PAYMENT AND DELIVERY TERMS 4.1 The Price of bid must be inclusive of government taxes and additional fees. 4.2 Government terms, payment upon complete delivery 4.3 Delivery of goods shall be made by the supplier within thirty (30) calendar days upon issuance of Notice to Proceed 4.4 The unit must be brand new and unused.	3	box	933.00	2,799.99
44	Cutting disc for glass/ceramic 0.6mm 1. GENERAL OVERVIEW 1.1 The Advanced Science and Technology Institute is seeking qualified and competent bidders to supply and delivery of three (3) boxes of cutting disc for glass/ceramic 0.6mm for use as a a disposable disc for use by angle grinder specifically for glass/ceramic used for prototyping. 1.2 The technical specification indicated herein are minimum requirement, unless otherwise specified 2. TECHNICAL SPECIFICATIONS 2.1 for ceramic 2.2 0.6mm 3. WARRANTY AND AFTER SALES SUPPORT 3.1 Supplier warrants the items against defects in manufacturing and shipping and delivery issues 3.2 Defective and incorrect items shall be replaced 3.3 Warranty Period should be 1 year; warranty on and Labor with Premier Support 4. PAYMENT AND DELIVERY TERMS 4.1 The Price of bid must be inclusive of government taxes and additional fees. 4.2 Government terms, payment upon complete delivery 4.3 Delivery of goods shall be made by the supplier within thirty (30) calendar days upon issuance of Notice to Proceed 4.4 The unit must be brand new and unused.	3	box	1,000.00	3,000.00

<p>45</p>	<p>Cordless glue gun 1. GENERAL OVERVIEW 1.1 The Advanced Science and Technology Institute is seeking qualified and competent bidders to supply and delivery of two (2) pcs of cordless glue gun for use as a prototyping tool used for dispensing glue stick for holding components together. 1.2 The technical specification indicated herein are minimum requirement, unless otherwise specified</p> <p>2. TECHNICAL SPECIFICATIONS 2.1 heavy duty 2.2 cordless 2.3 with battery and charger / or a model with a built-in charging port</p> <p>3. WARRANTY AND AFTER SALES SUPPORT 3.1 Supplier warrants the items against defects in manufacturing and shipping and delivery issues 3.2 Defective and incorrect items shall be replaced 3.3 Warranty Period should be 1 year; warranty on and Labor with Premier Support</p> <p>4. PAYMENT AND DELIVERY TERMS 4.1 The Price of bid must be inclusive of government taxes and additional fees. 4.2 Government terms, payment upon complete delivery 4.3 Delivery of goods shall be made by the supplier within thirty (30) calendar days upon issuance of Notice to Proceed 4.4 The unit must be brand new and unused.</p>	<p>2</p>	<p>pc</p>	<p>935.00</p>	<p>1,870.00</p>
<p>46</p>	<p>Soldering Helping Hand Kit 1. GENERAL OVERVIEW 1.1 The Advanced Science and Technology Institute is seeking qualified and competent bidders to supply and delivery of two (2) pcs of Soldering Helping Hand Kit for use as a prototyping tool to hold components for soldering and joining components for platform prototyping. 1.2 The technical specification indicated herein are minimum requirement, unless otherwise specified</p> <p>2. TECHNICAL SPECIFICATIONS 2.1 Rubber feet to prevent slipping 2.2 6 Flexible 12" Arms</p> <p>3. WARRANTY AND AFTER SALES SUPPORT 3.1 Supplier warrants the items against defects in manufacturing and shipping and delivery issues 3.2 Defective and incorrect items shall be replaced 3.3 Warranty Period should be 1 year; warranty on and Labor with Premier Support</p> <p>4. PAYMENT AND DELIVERY TERMS 4.1 The Price of bid must be inclusive of government taxes and additional fees. 4.2 Government terms, payment upon complete delivery 4.3 Delivery of goods shall be made by the supplier within thirty (30) calendar days upon issuance of Notice to Proceed 4.4 The unit must be brand new and unused.</p>	<p>2</p>	<p>pc</p>	<p>1,200.00</p>	<p>2,400.00</p>

47	<p>RF Cables</p> <p>1. GENERAL OVERVIEW</p> <p>1.1. The Advanced Science and Technology Institute (ASTI) is seeking qualified and competent bidders for the supply and delivery of four (4) pieces of RF Cables.</p> <p>1.2. Said item shall be used as supplies needed for LokaLTE.</p> <p>1.3. The approved budget for the contract is inclusive of all applicable government taxes and services charges.</p> <p>1.4. The technical specifications written herein are of minimum requirement, otherwise stated.</p> <p>2. SPECIFICATIONS</p> <p>2.1. The supplier must abide and meet the following specifications of the equipment:</p> <p>2.1.1. Connector Type SMA male to Y type 2X SMA female male rp</p> <p>2.1.2. SMA Connector Splitter Combiner Cable Pigtail</p> <p>2.1.3. RF Extension</p> <p>2.1.4. RG316 Cable</p> <p>2.1.5. Length: 15cm</p> <p>2.1.6. The RF Cables must be brand new and unused.</p> <p>3. WARRANTY</p> <p>3.1. All units must carry three (3) months warranty for other parts and services that covered defects in materials and workmanship.</p> <p>3.2. Replacement units should be provided for defective units, fifteen (15) calendar days upon receipt of notice from End-users/DOST-ASTI Property and Supply Section.</p> <p>3.2.1. Defective units may be defined as units not working upon testing or units that have failed to work after testing within seven (7) calendar days from purchase.</p> <p>4. PAYMENT AND DELIVERY TERMS</p> <p>4.1. Delivery of Goods and/or performance of services shall be made by the supplier within thirty (30) calendar days upon issuance of Notice to Proceed.</p> <p>4.2. Payment shall be made only upon certification/acceptance by End User to the effect that the Goods have been rendered or delivered in accordance with the terms of this Contract and have been duly inspected and accepted. No payment shall made for services not yet rendered of for the supplies and</p>	4	pc	330.00	1,320.00
----	--	---	----	--------	----------

	material not yet delivered under this Contract. 4.3. The price of the bid must be inclusive of government tax and fees.				
48	<p>RF Flex Cable 5in</p> <p>1. GENERAL OVERVIEW</p> <p>1.1. The Advanced Science and Technology Institute (ASTI) is seeking qualified and competent bidders for the supply and delivery of ten (10) pieces of RF Flex Cable 5in.</p> <p>1.2. Said item shall be used as supplies needed for LokalTE.</p> <p>1.3. The approved budget for the contract is inclusive of all applicable government taxes and services charges.</p> <p>1.4. The technical specifications written herein are of minimum requirement, otherwise stated.</p> <p>2. SPECIFICATIONS</p> <p>2.1. The supplier must abide and meet the following specifications of the equipment:</p> <p>2.1.1. Wideband Frequency coverage, DC to 18 GHz</p> <p>2.1.2. Low Loss, 0.36 dB at 18 GHz</p> <p>2.1.3. Excellent Return Loss, 25 dB at 18 GHz</p> <p>2.1.4. Hand formable to almost any custom shape without special bending tools</p> <p>2.1.5. 8mm bend radius for tight installations</p> <p>2.1.6. Anti-torque nut prevents cable stress during installation</p> <p>2.1.7. Insulated outer jacket standard</p> <p>2.1.8. Ideal for interconnect of assembled systems</p> <p>2.1.9. The RF Flex Cable 5in must be brand new and unused.</p> <p>3. WARRANTY</p> <p>3.1. All units must carry three (3) months warranty for other parts and services that covered defects in materials and workmanship.</p> <p>3.2. Replacement units should be provided for defective units, fifteen (15) calendar days upon receipt of notice from End-users/DOST-ASTI Property and Supply Section.</p> <p>3.2.1. Defective units may be defined as units not working upon testing or units that have failed to work after testing within seven (7) calendar days from purchase.</p> <p>4. PAYMENT AND DELIVERY TERMS</p>	10	pc	1,450.00	14,500.00

<p>4.1. Delivery of Goods and/or performance of services shall be made by the supplier within thirty (30) calendar days upon issuance of Notice to Proceed.</p> <p>4.2. Payment shall be made only upon certification/acceptance by End User to the effect that the Goods have been rendered or delivered in accordance with the terms of this Contract and have been duly inspected and accepted. No payment shall be made for services not yet rendered or for the supplies and material not yet delivered under this Contract.</p> <p>4.3. The price of the bid must be inclusive of government tax and fees.</p>				
<p>49 RF Flex Cable 10in</p> <p>1. GENERAL OVERVIEW</p> <p>1.1. The Advanced Science and Technology Institute (ASTI) is seeking qualified and competent bidders for the supply and delivery of ten (10) pieces of RF Flex Cable 10in.</p> <p>1.2. Said item shall be used as supplies needed for LokaLTE.</p> <p>1.3. The approved budget for the contract is inclusive of all applicable government taxes and services charges.</p> <p>1.4. The technical specifications written herein are of minimum requirement, otherwise stated.</p> <p>2. SPECIFICATIONS</p> <p>2.1. The supplier must abide and meet the following specifications of the equipment:</p> <ul style="list-style-type: none"> 2.1.1. Feature: Hand-Flex Interconnect 2.1.2. Conductor Diameter: 0.141 inch 2.1.3. Max Frequency: 18GHz 2.1.4. Length: 10 inches 2.1.5. The RF Flex Cable 10in must be brand new and unused. <p>3. WARRANTY</p> <p>3.1. All units must carry three (3) months warranty for other parts and services that covered defects in materials and workmanship.</p> <p>3.2. Replacement units should be provided for defective units, fifteen (15) calendar days upon receipt of notice from End-users/DOST-ASTI Property and Supply Section.</p> <p>3.2.1. Defective units may be defined as units not working upon testing or units that have failed to work after testing within seven (7) calendar days from purchase.</p>	10	pc	1,540.00	15,400.00

<p>4. PAYMENT AND DELIVERY TERMS</p> <p>4.1. Delivery of Goods and/or performance of services shall be made by the supplier within thirty (30) calendar days upon issuance of Notice to Proceed.</p> <p>4.2. Payment shall be made only upon certification/acceptance by End User to the effect that the Goods have been rendered or delivered in accordance with the terms of this Contract and have been duly inspected and accepted. No payment shall be made for services not yet rendered or for the supplies and material not yet delivered under this Contract.</p> <p>4.3. The price of the bid must be inclusive of government tax and fees.</p>				
<p>50 RF Flex Cable 24in</p> <p>1. GENERAL OVERVIEW</p> <p>1.1. The Advanced Science and Technology Institute (ASTI) is seeking qualified and competent bidders for the supply and delivery of twelve (12) pieces of RF Flex Cable 24in.</p> <p>1.2. Said item shall be used as supplies needed for LokalTE.</p> <p>1.3. The approved budget for the contract is inclusive of all applicable government taxes and services charges.</p> <p>1.4. The technical specifications written herein are of minimum requirement, otherwise stated.</p> <p>2. SPECIFICATIONS</p> <p>2.1. The supplier must abide and meet the following specifications of the equipment:</p> <ul style="list-style-type: none"> 2.1.1. Feature: Hand-Flex Interconnect 2.1.2. Conductor Diameter: 0.141 inch 2.1.3. Max Frequency: 18GHz 2.1.4. Length: 24 inches 2.1.5. The RF Flex Cable 24in must be brand new and unused. <p>3. WARRANTY</p> <p>3.1. All units must carry three (3) months warranty for other parts and services that covered defects in materials and workmanship.</p> <p>3.2. Replacement units should be provided for defective units, fifteen (15) calendar days upon receipt of notice from End-users/DOST-ASTI Property and Supply Section.</p> <p>3.2.1. Defective units may be defined as units not working upon testing or units that have failed to work after testing</p>	12	pc	1,540.00	18,480.00

within seven
(7) calendar days from purchase.

4. PAYMENT AND DELIVERY TERMS

4.1. Delivery of Goods and/or performance of services shall be made by the supplier within thirty (30) calendar days upon

issuance of Notice to Proceed.

4.2. Payment shall be made only upon certification/acceptance by End User to the effect that the Goods have been rendered or delivered in accordance with the terms of this Contract and have been duly inspected and accepted. No payment shall made

for services not yet rendered or for the supplies and material not yet delivered under this Contract.

4.3. The price of the bid must be inclusive of government tax and fees.

TOTAL APPROVED BUDGET FOR THE CONTRACT (ABC):

293,316.99

RESERVATION CLASE

The Advanced Science and Technology Institute 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.

