



**ASTI-FM 03-11**  
**REV 2/30 APR 2024**

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

<b>IB No:</b>	24-08-4943	<b>Date:</b>	August-08-2024
<b>PR No:</b>	GAA-24-07-19566	<b>Date:</b>	July-04-2024
<b>Source of Funds:</b>			
<b>Total ABC:</b>	Php 3,634,330.00		
<b>Time, Date &amp; Venue of Pre-bid Conference:</b>	August 16, 2024, 9:00 AM at Videoconferencing (MS Teams)		
<b>Time and Date of Submission of Bids:</b>	August 28, 2024, 09:00 AM		
<b>Time, Date &amp; Venue of Opening Bids:</b>	August 28, 2024, 9:30 AM at DOST-ASTI and Videoconferencing (MS Teams)		
<b>Date of availability of Complete Set of Documents:</b>	August 09, 2024		
<b>Deadline of Potential Bidder's Clarifications:</b>	August 19, 2024		
<b>Deadline of ASTI's Supplemental Bid Bulletin:</b>	August 20, 2024		
<b>Delivery Schedule:</b>			

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 information on bid submission, eligibility check, opening and evaluation of bids, post-qualification, and award of contract.*

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,

**BAYANI BENJAMIN R. LARA**  
*BAC Chairperson*

NO.	TECHNICAL SPECIFICATIONS	QTY	UNIT	UNIT PRICE(Php)	TOTAL PRICE(Php)
1	<b>Battery charger universal</b> 1. GENERAL OVERVIEW 1.1. Advanced Science and Technology Institute (ASTI) is seeking qualified and competent bidders for the Supply and Delivery of Five (5) Pieces Battery Charger Universal to be used by Electronics Product Development Center (EPDC) - Research Engineering and Development. 1.2. The Approved Budget for the Contract (ABC) is inclusive of all applicable government fees, taxes, and other charges.  2. TECHNICAL SPECIFICATIONS	5	pc	3900.00	19,500.00

	<p>2.1. Must be compatible with AA, AAA, C, D, 9V batteries</p> <p>2.2. Input Voltage: 220VAC; DC approx. 12V, 600mA</p> <p>2.3. Channels: Four (4) for AA/AAA/C/D; Two (2) for 9V</p> <p>2.4. Charging Current: Four (4) x approx. 650 mA (AA, C and D), four (4) x approx. 400 mA (AAA), one (1) x approx. 30mA (9V)</p> <p>3. PAYMENT AND DELIVERY TERMS</p> <p>3.1. Delivery must be done within sixty (60) calendar days upon issuance of Notice to Proceed (NTP) at EPDC Bldg., MIRDC Compound, Bicutan, Taguig City.</p> <p>3.2. Government terms. Full payment will only be processed once completely delivered, inspected, and accepted by the end-user.</p>				
2	<p><b>Rechargeable battery (9V)</b></p> <p>1. GENERAL OVERVIEW</p> <p>1.1. ASTI is seeking qualified and competent bidders for the Supply and Delivery of Twenty (20) Pieces Rechargeable Battery (9V) to be used by EPDC - Research Engineering and Development.</p> <p>1.2. The ABC is inclusive of all applicable government fees, taxes, and other charges.</p> <p>2. TECHNICAL SPECIFICATIONS</p> <p>2.1. Classification: Rechargeable</p> <p>2.2. Chemical System: Nickel-Metal Hydride (NiMH)</p> <p>2.3. Designation: ANSI-7.2H5</p> <p>2.4. Nominal Voltage: 8.4 volts</p> <p>2.5. Rated Capacity: 175 mAh* at 21 °C (70 °F)</p> <p>3. PAYMENT AND DELIVERY TERMS</p> <p>3.1. Delivery must be done within sixty (60) calendar days upon issuance of NTP at EPDC Bldg., MIRDC Compound, Bicutan, Taguig City.</p> <p>3.2. Government terms. Full payment will only be processed once completely delivered, inspected, and accepted by the end-user.</p>	20	pc	800.00	16,000.00
3	<p><b>Acrylic cutter blade</b></p> <p>1. GENERAL OVERVIEW</p> <p>1.1. ASTI is seeking qualified and competent bidders for the Supply and Delivery of Five (5) packs Acrylic Cutter Blade to be used by EPDC - Research Engineering and Development.</p> <p>1.2. The ABC is inclusive of all applicable government fees, taxes, and other charges.</p> <p>2. TECHNICAL SPECIFICATIONS</p> <p>2.1. Material: Stainless steel</p> <p>2.2. Blade size: 8.8mm X 9.5mm</p> <p>2.3. Must be compatible with Tajima cutter handle</p> <p>2.4. Quantity: Five (5) pieces per pack</p> <p>3. PAYMENT AND DELIVERY TERMS</p> <p>3.1. Delivery must be done within sixty (60) calendar days upon issuance of NTP at EPDC Bldg., MIRDC Compound, Bicutan, Taguig City.</p> <p>3.2. Government terms. Full payment will only be processed once completely delivered, inspected, and</p>	5	pack	660.00	3,300.00

	accepted by the end-user.				
4	<p><b>Acrylic sheet (36"x48"x2mm)</b></p> <p>1. GENERAL OVERVIEW</p> <p>1.1. ASTI is seeking qualified and competent bidders for the Supply and Delivery of Ten (10) Pieces Acrylic Sheet (36"x48"x2mm) to be used by EPDC - Research Engineering and Development.</p> <p>1.2. The ABC is inclusive of all applicable government fees, taxes, and other charges.</p> <p>2. TECHNICAL SPECIFICATIONS</p> <p>2.1. Dimension: Approx. 36" x 48"</p> <p>2.2. Thickness: 2mm +10% tolerance</p> <p>2.3. Color: Clear</p> <p>3. PAYMENT AND DELIVERY TERMS</p> <p>3.1. Delivery must be done within sixty (60) calendar days upon issuance of NTP at EPDC Bldg., MIRDC Compound, Bicutan, Taguig City.</p> <p>3.2. Government terms. Full payment will only be processed once completely delivered, inspected, and accepted by the end-user.</p>	10	pc	2090.00	20,900.00
5	<p><b>Acrylic sheet (36"x48"x3mm)</b></p> <p>1. GENERAL OVERVIEW</p> <p>1.1. ASTI is seeking qualified and competent bidders for the Supply and Delivery of Ten (10) Pieces Acrylic Sheet (36"x48"x3mm) to be used by EPDC - Research Engineering and Development.</p> <p>1.2. The ABC is inclusive of all applicable government fees, taxes, and other charges.</p> <p>2. TECHNICAL SPECIFICATIONS</p> <p>2.1. Dimension: Approx. 36" x 48"</p> <p>2.2. Thickness: 3mm +10% tolerance</p> <p>2.3. Color: Clear</p> <p>3. PAYMENT AND DELIVERY TERMS</p> <p>3.1. Delivery must be done within sixty (60) calendar days upon issuance of NTP at EPDC Bldg., MIRDC Compound, Bicutan, Taguig City.</p> <p>3.2. Government terms. Full payment will only be processed once completely delivered, inspected, and accepted by the end-user.</p>	10	pc	2695.00	26,950.00
6	<p><b>Acrylic sheet (36"x48"x4.5mm)</b></p> <p>1. GENERAL OVERVIEW</p> <p>1.1. ASTI is seeking qualified and competent bidders for the Supply and Delivery of Ten (10) Pieces Acrylic Sheet (36"x48"x4.5mm) to be used by EPDC - Research Engineering and Development.</p> <p>1.2. The ABC is inclusive of all applicable government fees, taxes, and other charges.</p> <p>2. TECHNICAL SPECIFICATIONS</p> <p>2.1. Dimension: Approx. 36" x 48"</p> <p>2.2. Thickness: 4.5mm +10% tolerance</p> <p>2.3. Color: Clear</p> <p>3. PAYMENT AND DELIVERY TERMS</p>	10	pc	3520.00	35,200.00

	<p>3.1. Delivery must be done within sixty (60) calendar days upon issuance of NTP at EPDC Bldg., MIRDC Compound, Bicutan, Taguig City.</p> <p>3.2. Government terms. Full payment will only be processed once completely delivered, inspected, and accepted by the end-user.</p>				
7	<p><b>Aluminum sheet (300mm x 300mm)</b></p> <p>1. GENERAL OVERVIEW</p> <p>1.1. ASTI is seeking qualified and competent bidders for the Supply and Delivery of Twenty (20) Pieces Aluminum Sheet (300mm x 300mm) to be used by EPDC - Research Engineering and Development.</p> <p>1.2. The ABC is inclusive of all applicable government fees, taxes, and other charges.</p> <p>2. TECHNICAL SPECIFICATIONS</p> <p>2.1. Dimension: Approx. 300mm x 300mm</p> <p>2.2. Thickness: 2mm +10% tolerance</p> <p>3. PAYMENT AND DELIVERY TERMS</p> <p>3.1. Delivery must be done within sixty (60) calendar days upon issuance of NTP at EPDC Bldg., MIRDC Compound, Bicutan, Taguig City.</p> <p>3.2. Government terms. Full payment will only be processed once completely delivered, inspected, and accepted by the end-user.</p>	20	pc	770.00	15,400.00
8	<p><b>Filament Black PLA</b></p> <p>1. GENERAL OVERVIEW:</p> <p>1.1. ASTI is seeking qualified and competent bidders for the Supply and Delivery of Twenty (20) Rolls Filament Black PLA to be used by EPDC - Research Engineering and Development.</p> <p>1.2. The ABC is inclusive of all applicable government fees, taxes, and other charges.</p> <p>2. TECHNICAL SPECIFICATIONS</p> <p>2.1. Material: ePLA+HS</p> <p>2.2. Color: Black</p> <p>2.3. Weight: At least 1 kg</p> <p>2.4. Size: 1.75mm</p> <p>3. WARRANTY</p> <p>3.1 Must carry at least three (3) months warranty, which shall commence from the date of acceptance of the end-user</p> <p>4. PAYMENT AND DELIVERY TERMS:</p> <p>4.1. Delivery must be done within sixty (60) calendar days upon issuance of NTP at EPDC Bldg., MIRDC Compound, Bicutan, Taguig City.</p> <p>4.2. Government terms. Full payment will only be processed once completely delivered, inspected, and accepted by the end-user.</p>	20	roll	1205.00	24,100.00
9	<p><b>Filament White PLA</b></p> <p>1. GENERAL OVERVIEW</p> <p>1.1. ASTI is seeking qualified and competent bidders for the Supply and Delivery of Twenty (20) Rolls Filament White PLA to be used by EPDC - Research</p>	20	roll	1200.00	24,000.00

	<p>Engineering and Development. 1.2. The ABC is inclusive of all applicable government fees, taxes, and other charges.</p> <p>2. TECHNICAL SPECIFICATIONS 2.1. Material: ePLA+HS 2.2. Color: White 2.3. Weight: 1 kg 2.4. Size: 1.75mm</p> <p>3. WARRANTY 3.1 Must carry at least three (3) months warranty, which shall commence from the date of acceptance of the end-user</p> <p>4. PAYMENT AND DELIVERY TERMS 4.1. Delivery must be done within sixty (60) calendar days upon issuance of NTP at EPDC Bldg., MIRDC Compound, Bicutan, Taguig City. 4.2. Government terms. Full payment will only be processed once completely delivered, inspected, and accepted by the end-user.</p>				
10	<p><b>Filament Blue PLA</b></p> <p>1. GENERAL OVERVIEW 1.1. ASTI is seeking qualified and competent bidders for the Supply and Delivery of Twenty (20) Rolls Filament Blue PLA to be used by EPDC Research Engineering and Development. 1.2. The ABC is inclusive of all applicable government fees, taxes, and other charges.</p> <p>2. TECHNICAL SPECIFICATIONS 2.1. Material: ePLA+HS 2.2. Color: Blue 2.3. Weight: 1 kg 2.4. Size: 1.75mm</p> <p>3. PAYMENT AND DELIVERY TERMS 3.1. Delivery must be done within sixty (60) calendar days upon issuance of NTP at EPDC Bldg., MIRDC Compound, Bicutan, Taguig City. 3.2. Government terms. Full payment will only be processed once completely delivered, inspected, and accepted by the end-user.</p>	20	roll	1200.00	24,000.00
11	<p><b>Filament Red PLA</b></p> <p>1. GENERAL OVERVIEW 1.1. ASTI is seeking qualified and competent bidders for the Supply and Delivery of Twenty (20) Rolls Filament Red PLA to be used by EPDC Research Engineering and Development. 1.2. The ABC is inclusive of all applicable government fees, taxes, and other charges.</p> <p>2. TECHNICAL SPECIFICATIONS 2.1. Material: ePLA+HS 2.2. Color: Red 2.3. Weight: 1 kg 2.4. Size: 1.75mm</p>	20	roll	1200.00	24,000.00

	<p>3. WARRANTY</p> <p>3.1 Must carry at least three (3) months warranty, which shall commence from the date of acceptance of the end-user</p> <p>4. PAYMENT AND DELIVERY TERMS</p> <p>4.1. Delivery must be done within sixty (60) calendar days upon issuance of NTP at EPDC Bldg., MIRDC Compound, Bicutan, Taguig City.</p> <p>4.2. Government terms. Full payment will only be processed once completely delivered, inspected, and accepted by the end-user.</p>				
12	<p><b>Filament Black ABS</b></p> <p>1. GENERAL OVERVIEW</p> <p>1.1. ASTI is seeking qualified and competent bidders for the Supply and Delivery of Ten (10) Rolls Filament Black ABS to be used by EPDC Research Engineering and Development.</p> <p>1.2. The ABC is inclusive of all applicable government fees, taxes, and other charges.</p> <p>2. TECHNICAL SPECIFICATIONS</p> <p>2.1. Material: ABS+</p> <p>2.2. Color: Black</p> <p>2.3. Weight: 1 kg</p> <p>2.4. Size: 1.75mm</p> <p>3. WARRANTY</p> <p>3.1 Must carry at least three (3) months warranty, which shall commence from the date of acceptance of the end-user</p> <p>4. PAYMENT AND DELIVERY TERMS</p> <p>4.1. Delivery must be done within sixty (60) calendar days upon issuance of NTP at EPDC Bldg., MIRDC Compound, Bicutan, Taguig City.</p> <p>4.2. Government terms. Full payment will only be processed once completely delivered, inspected, and accepted by the end-user.</p>	10	roll	1100.00	11,000.00
13	<p><b>Filament White ABS</b></p> <p>1. GENERAL OVERVIEW</p> <p>1.1. ASTI is seeking qualified and competent bidders for the Supply and Delivery of Ten (10) Rolls Filament White ABS to be used by EPDC Research Engineering and Development.</p> <p>1.2. The ABC is inclusive of all applicable government fees, taxes, and other charges.</p> <p>2. TECHNICAL SPECIFICATIONS</p> <p>2.1. Material: ABS+</p> <p>2.2. Color: White</p> <p>2.3. Weight: 1 kg</p> <p>2.4. Size: 1.75mm</p> <p>3. WARRANTY</p> <p>3.1 Must carry at least three (3) months warranty, which shall commence from the date of acceptance of the end-user</p>	10	roll	1100.00	11,000.00

	<p>4. PAYMENT AND DELIVERY TERMS</p> <p>4.1. Delivery must be done within sixty (60) calendar days upon issuance of NTP at EPDC Bldg., MIRDC Compound, Bicutan, Taguig City.</p> <p>4.2. Government terms. Full payment will only be processed once completely delivered, inspected, and accepted by the end-user.</p>				
14	<p><b>Filament Blue ABS</b></p> <p>1. GENERAL OVERVIEW</p> <p>1.1. ASTI is seeking qualified and competent bidders for the Supply and Delivery of Ten (10) Rolls Filament Blue ABS to be used by EPDC Research Engineering and Development.</p> <p>1.2. The ABC is inclusive of all applicable government fees, taxes, and other charges.</p> <p>2. TECHNICAL SPECIFICATIONS</p> <p>2.1. Material: ABS+</p> <p>2.2. Color: Blue</p> <p>2.3. Weight: 1 kg</p> <p>2.4. Size: 1.75mm</p> <p>3. WARRANTY</p> <p>3.1 Must carry at least three (3) months warranty, which shall commence from the date of acceptance of the end-user</p> <p>4. PAYMENT AND DELIVERY TERMS</p> <p>4.1. Delivery must be done within sixty (60) calendar days upon issuance of NTP at EPDC Bldg., MIRDC Compound, Bicutan, Taguig City.</p> <p>4.2. Government terms. Full payment will only be processed once completely delivered, inspected, and accepted by the end-user.</p>	10	roll	1100.00	11,000.00
15	<p><b>Filament Red ABS</b></p> <p>1. GENERAL OVERVIEW</p> <p>1.1. ASTI is seeking qualified and competent bidders for the Supply and Delivery of Ten (10) rolls Filament Red ABS to be used by EPDC Research Engineering and Development.</p> <p>1.2. The ABC is inclusive of all applicable government fees, taxes, and other charges.</p> <p>2. TECHNICAL SPECIFICATIONS</p> <p>2.1. Material: ABS+</p> <p>2.2. Color: Red</p> <p>2.3. Weight: 1 kg</p> <p>2.4. Size: 1.75mm</p> <p>3. WARRANTY</p> <p>3.1 Must carry at least three (3) months warranty, which shall commence from the date of acceptance of the end-user</p> <p>4. PAYMENT AND DELIVERY TERMS</p> <p>4.1. Delivery must be done within sixty (60) calendar days upon issuance of NTP at EPDC Bldg., MIRDC Compound, Bicutan, Taguig City.</p> <p>4.2. Government terms. Full payment will only be</p>	10	roll	1100.00	11,000.00

	processed once completely delivered, inspected, and accepted by the end-user.				
16	<p><b>Bolt, Nut and Washer</b></p> <p>1. GENERAL OVERVIEW</p> <p>1.1. ASTI is seeking qualified and competent bidders for the Supply and Delivery of Five Hundred (500) Sets Bolt, Nut and Washer to be used by EPDC - Research Engineering and Development.</p> <p>1.2. The ABC is inclusive of all applicable government fees, taxes, and other charges.</p> <p>2. TECHNICAL SPECIFICATIONS</p> <p>2.1. Workshop Consumables</p> <p>2.2. Type: Hex</p> <p>2.3. Thread Size: M8</p> <p>2.4. Length: 25mm</p> <p>2.5. Material: 304 stainless steel</p> <p>2.6. Bolt, nut and washers must be compatible</p> <p>3. PACKAGE INCLUSION</p> <p>3.1. One (1) set - Bolt, nut and washer must include the following per set:</p> <p>3.1.1. One (1) pc - Bolt</p> <p>3.1.2. One (1) pc - Nut</p> <p>3.1.3. One (1) pc - Washer</p> <p>3.1.4. One (1) pc - Lock Washer</p> <p>4. PAYMENT AND DELIVERY TERMS:</p> <p>4.1. Delivery must be done within sixty (60) calendar days upon issuance of NTP at EPDC Bldg., MIRDC Compound, Bicutan, Taguig City.</p> <p>4.2. Government terms. Full payment will only be processed once completely delivered, inspected, and accepted by the end-user.</p>	500	set	260.00	130,000.00
17	<p><b>3D Filament - PLA (White)</b></p> <p>1. GENERAL OVERVIEW</p> <p>1.1. ASTI is seeking qualified and competent bidders for the Supply and Delivery of Ten (10) Rolls 3D Filament - PLA (White) to be used by EPDC manufacturing laboratory.</p> <p>1.2. The ABC is inclusive of all applicable government fees, taxes, and other charges.</p> <p>2. TECHNICAL SPECS</p> <p>2.1. Must be compatible with FDM 3D Printer</p> <p>2.2. Diameter: 1.75mm</p> <p>2.3. Net Weight: At least 1kg</p> <p>2.4. Color: White</p> <p>2.5. Type: PLA</p> <p>3. WARRANTY</p> <p>3.1 Must carry at least three (3) months warranty, which shall commence from the date of acceptance of the end-user</p> <p>4. PAYMENT AND DELIVERY TERMS:</p> <p>4.1. Delivery must be done within sixty (60) calendar days upon issuance of NTP at EPDC Bldg., MIRDC Compound, Bicutan, Taguig City.</p>	10	roll	935.00	9,350.00



	4.2. Government terms. Full payment will only be processed once completely delivered, inspected, and accepted by the end-user.				
18	<p><b>3D Filament - PLA (Black)</b></p> <p>1. GENERAL OVERVIEW</p> <p>1.1. ASTI is seeking qualified and competent bidders for the Supply and Delivery of Ten (10) Rolls 3D Filament - PLA (Black) to be used by EPDC manufacturing laboratory.</p> <p>1.2. The ABC is inclusive of all applicable government fees, taxes, and other charges.</p> <p>2. TECHNICAL SPECS</p> <p>2.1. Must be compatible with FDM 3D Printer</p> <p>2.2. Diameter: 1.75mm</p> <p>2.3. Net Weight: at least 1kg</p> <p>2.4. Color: Black</p> <p>2.5. Type: PLA</p> <p>3. WARRANTY</p> <p>3.1 Must carry at least three (3) months warranty, which shall commence from the date of acceptance of the end-user</p> <p>4. PAYMENT AND DELIVERY TERMS</p> <p>4.1. Delivery must be done within sixty (60) calendar days upon issuance of NTP at EPDC Bldg., MIRDC Compound, Bicutan, Taguig City.</p> <p>4.2. Government terms. Full payment will only be processed once completely delivered, inspected, and accepted by the end-user.</p>	10	roll	935.00	9,350.00
19	<p><b>3D Filament - PLA (Grey)</b></p> <p>1. GENERAL OVERVIEW</p> <p>1.1. ASTI is seeking qualified and competent bidders for the Supply and Delivery of Ten (10) rolls 3D Filament - PLA (Grey) to be used by EPDC manufacturing laboratory.</p> <p>1.2. The ABC is inclusive of all applicable government fees, taxes, and other charges.</p> <p>2. TECHNICAL SPECS</p> <p>2.1. Must be compatible with FDM 3D Printer</p> <p>2.2. Diameter: 1.75mm</p> <p>2.3. Net Weight: At least 1kg</p> <p>2.4. Color: Grey</p> <p>2.5. Type: PLA</p> <p>3. WARRANTY</p> <p>3.1 Must carry at least three (3) months warranty, which shall commence from the date of acceptance of the end-user.</p> <p>4. PAYMENT AND DELIVERY TERMS</p> <p>4.1. Delivery must be done within sixty (60) calendar days upon issuance of NTP at EPDC Bldg., MIRDC Compound, Bicutan, Taguig City.</p> <p>4.2. Government terms. Full payment will only be processed once completely delivered, inspected, and accepted by the end-user.</p>	10	roll	935.00	9,350.00

20	<p><b>3D Filament - PLA (Dark Blue)</b></p> <p>1. GENERAL OVERVIEW</p> <p>1.1. ASTI is seeking qualified and competent bidders for the Supply and Delivery of Ten (10) Rolls 3D Filament - PLA (Dark Blue) to be used by EPDC manufacturing laboratory.</p> <p>1.2. The ABC is inclusive of all applicable government fees, taxes, and other charges.</p> <p>2. TECHNICAL SPECS</p> <p>2.1. Must be compatible with FDM 3D Printer</p> <p>2.2. Diameter: 1.75mm</p> <p>2.3. Net Weight: At least 1kg</p> <p>2.4. Color: Dark Blue</p> <p>2.5. Type: PLA</p> <p>3. WARRANTY</p> <p>3.1 Must carry at least three (3) months warranty, which shall commence from the date of acceptance of the end-user.</p> <p>4. PAYMENT AND DELIVERY TERMS</p> <p>4.1. Delivery must be done within sixty (60) calendar days upon issuance of NTP at EPDC Bldg., MIRDC Compound, Bicutan, Taguig City.</p> <p>4.2. Government terms. Full payment will only be processed once completely delivered, inspected, and accepted by the end-user.</p>	10	roll	935.00	9,350.00
21	<p><b>3D Filament - Silk PLA (White)</b></p> <p>1. GENERAL OVERVIEW</p> <p>1.1. ASTI is seeking qualified and competent bidders for the Supply and Delivery of Ten (10) Rolls 3D Filament - Silk PLA (White) to be used by EPDC manufacturing laboratory.</p> <p>1.2. The ABC is inclusive of all applicable government fees, taxes, and other charges.</p> <p>2. TECHNICAL SPECS</p> <p>2.1. Must be compatible with FDM 3D Printer</p> <p>2.2. Diameter: At least 1.75mm</p> <p>2.3. Net Weight: At least 1kg</p> <p>2.4. Color: Silk white</p> <p>2.5. Type: PLA</p> <p>3. WARRANTY</p> <p>3.1 Must carry at least three (3) months warranty, which shall commence from the date of acceptance of the end-user.</p> <p>4. PAYMENT AND DELIVERY TERMS:</p> <p>4.1. Delivery must be done within sixty (60) calendar days upon issuance of NTP at EPDC Bldg., MIRDC Compound, Bicutan, Taguig City.</p> <p>4.2. Government terms. Full payment will only be processed once completely delivered, inspected, and accepted by the end-user.</p>	10	roll	935.00	9,350.00
22	<p><b>3D Filament - ABS (Black)</b></p> <p>1. GENERAL OVERVIEW</p> <p>1.1. ASTI is seeking qualified and competent bidders</p>	10	roll	880.00	8,800.00

	<p>for the Supply and Delivery of Ten (10) Rolls 3D Filament - ABS (Black) to be used by EPDC manufacturing laboratory.</p> <p>1.2. The ABC is inclusive of all applicable government fees, taxes, and other charges.</p> <p>2. TECHNICAL SPECS</p> <p>2.1. Must be compatible with FDM 3D Printer</p> <p>2.2. Diameter: At least 1.75mm</p> <p>2.3. Net Weight: At least 1kg</p> <p>2.4. Color: Black</p> <p>2.5. Type: ABS</p> <p>3. WARRANTY</p> <p>3.1 Must carry at least three (3) months warranty, which shall commence from the date of acceptance of the end-user.</p> <p>4. PAYMENT AND DELIVERY TERMS</p> <p>4.1. Delivery must be done within sixty (60) calendar days upon issuance of NTP at EPDC Bldg., MIRDC Compound, Bicutan, Taguig City.</p> <p>4.2. Government terms. Full payment will only be processed once completely delivered, inspected, and accepted by the end-user.</p>				
23	<p><b>3D Filament - ABS (White)</b></p> <p>1. GENERAL OVERVIEW</p> <p>1.1. ASTI is seeking qualified and competent bidders for the Supply and Delivery of Ten (10) Rolls 3D Filament - ABS (White) to be used by EPDC manufacturing laboratory.</p> <p>1.2. The ABC is inclusive of all applicable government fees, taxes, and other charges.</p> <p>2. TECHNICAL SPECS</p> <p>2.1. Must be compatible with FDM 3D Printer</p> <p>2.2. Diameter: At least 1.75mm</p> <p>2.3. Net Weight: At least 1kg</p> <p>2.4. Color: White</p> <p>2.5. Type: ABS</p> <p>3. WARRANTY</p> <p>3.1 Must carry at least three (3) months warranty, which shall commence from the date of acceptance of the end-user.</p> <p>4. PAYMENT AND DELIVERY TERMS</p> <p>4.1. Delivery must be done within sixty (60) calendar days upon issuance of NTP at EPDC Bldg., MIRDC Compound, Bicutan, Taguig City.</p> <p>4.2. Government terms. Full payment will only be processed once completely delivered, inspected, and accepted by the end-user</p>	10	roll	880.00	8,800.00
24	<p><b>3D Filament - ABS (Grey)</b></p> <p>1. GENERAL OVERVIEW</p> <p>1.1. ASTI is seeking qualified and competent bidders for the Supply and Delivery of Ten (10) Rolls 3D Filament - ABS (Grey) to be used by EPDC manufacturing laboratory.</p>	10	roll	880.00	8,800.00

	<p>1.2. The ABC is inclusive of all applicable government fees, taxes, and other charges.</p> <p>2. TECHNICAL SPECS</p> <p>2.1. Must be compatible with FDM 3D Printer</p> <p>2.2. Diameter: At least 1.75mm</p> <p>2.3. Net Weight: At least 1kg</p> <p>2.4. Color: Grey</p> <p>2.5. Type: ABS</p> <p>3. WARRANTY</p> <p>3.1 Must carry at least three (3) months warranty, which shall commence from the date of acceptance of the end-user.</p> <p>4. PAYMENT AND DELIVERY TERMS</p> <p>4.1. Delivery must be done within sixty (60) calendar days upon issuance of NTP at EPDC Bldg., MIRDC Compound, Bicutan, Taguig City.</p> <p>4.2. Government terms. Full payment will only be processed once completely delivered, inspected, and accepted by the end-user.</p>				
25	<p><b>Immersion Tin Plating Powder(500G)</b></p> <p>1. GENERAL OVERVIEW</p> <p>1.1. ASTI is seeking qualified and competent bidders for the Supply and Delivery of Ten (10) Tubs Immersion Tin Plating Powder(500G) to be used by manufacturing laboratory.</p> <p>1.2. The ABC is inclusive of all applicable government fees, taxes, and other charges.</p> <p>2. TECHNICAL SPECS</p> <p>2.1. Immersion tin crystals</p> <p>2.2. Weight: At least 500g</p> <p>3. WARRANTY</p> <p>3.1 Must carry at least three (3) months warranty, which shall commence from the date of acceptance of the end-user.</p> <p>4. PAYMENT AND DELIVERY TERMS:</p> <p>4.1. Delivery must be done within ninety (90) calendar days upon issuance of NTP at EPDC Bldg., MIRDC Compound, Bicutan, Taguig City.</p> <p>4.2. Government terms. Full payment will only be processed once completely delivered, inspected, and accepted by the end-user.</p>	10	tub	11110.00	111,100.00
26	<p><b>Dry Film Solder Mask Resist</b></p> <p>1. GENERAL OVERVIEW</p> <p>1.1. ASTI is seeking qualified and competent bidders for the Supply and Delivery of Four (4) Rolls Dry Film Solder Mask Resist to be used by EPDC manufacturing laboratory.</p> <p>1.2. The ABC is inclusive of all applicable government fees, taxes, and other charges.</p> <p>2. TECHNICAL SPECS</p> <p>2.1. Color: Green</p> <p>2.2. Length: At least 75m</p>	4	roll	97075.00	388,300.00

	<p>2.3. Width: 305 mm (Approx) 2.4. Thickness: 75 um</p> <p>3. WARRANTY 3.1 Must carry at least three (3) months warranty, which shall commence from the date of acceptance of the end-user.</p> <p>4. PAYMENT AND DELIVERY TERMS 4.1. Delivery must be done within ninety (90) calendar days upon issuance of NTP at EPDC Bldg., MIRDC Compound, Bicutan, Taguig City. 4.2. Government terms. Full payment will only be processed once completely delivered, inspected, and accepted by the end-user.</p>				
27	<p><b>Conductive Polymer Paste</b></p> <p>1. GENERAL OVERVIEW 1.1. ASTI is seeking qualified and competent bidders for the Supply and the Delivery of Five (5) packs Conductive Polymer Paste to be used by Electronics Product Development Center (EPDC) manufacturing laboratory. 1.2. The ABC is inclusive of all applicable government fees, taxes, and other charges.</p> <p>2. TECHNICAL SPECS 2.1. Solderability: Reflow soldering 250 °C (482 °F), manual soldering 380 °C (716 °F) 2.2 Min Hole Diameter: .4mm 2.3 Electric Resistance: Average 19.2 mΩ with standard deviation of 7.7 mΩ 2.4 Weight: Approx. 2.9 g 2.5. Quantity: Twenty (20) pcs per pack</p> <p>3. WARRANTY 3.1 Must carry at least three (3) months warranty, which shall commence from the date of acceptance of the end-user</p> <p>4. PAYMENT AND DELIVERY TERMS 4.1. Delivery must be done within one hundred twenty (120) calendar days upon issuance of NTP at EPDC Bldg., MIRDC Compound, Bicutan, Taguig City. 4.2. Government terms. Full payment will only be processed once completely delivered, inspected, and accepted by the end-user.</p>	5	pack	99000.00	495,000.00
28	<p><b>Sinter Backing Plate</b></p> <p>1. GENERAL OVERVIEW 1.1. ASTI is seeking qualified and competent bidders for the Supply and Delivery of Five (5) packs Sinter Backing Plate to be used by EPDC manufacturing laboratory. 1.2. The ABC is inclusive of all applicable government fees, taxes, and other charges.</p> <p>2. TECHNICAL SPECS 2.1. Dimension: Approx 315 x 239 x 5 mm 2.2 Color: White 2.3. Quantity: Four (4) pieces per pack</p>	5	pack	41800.00	209,000.00

	<p>3. WARRANTY</p> <p>3.1. Must carry at least three (3) months warranty, which shall commence from the date of acceptance of the end-user</p> <p>4. PAYMENT AND DELIVERY TERMS</p> <p>4.1. Delivery must be done within one hundred twenty (120) calendar days upon issuance of NTP at EPDC Bldg., MIRDC Compound, Bicutan, Taguig City.</p> <p>4.2. Government terms. Full payment will only be processed once completely delivered, inspected, and accepted by the end-user.</p>				
29	<p><b>Silica Gel</b></p> <p>1. GENERAL OVERVIEW</p> <p>1.1. ASTI is seeking qualified and competent bidders for the Supply and Delivery of One (1) pack Silica Gel to be used by EPDC manufacturing laboratory.</p> <p>1.2. The ABC is inclusive of all applicable government fees, taxes, and other charges.</p> <p>2. TECHNICAL SPECS</p> <p>2.1. Net Weight: At least 5g</p> <p>2.2. Quantity: One Hundred (100) sachet per pack</p> <p>3. WARRANTY</p> <p>3.1. Must carry at least three (3) months warranty, which shall commence from the date of acceptance of the end-user</p> <p>4. PAYMENT AND DELIVERY TERMS</p> <p>4.1. Delivery must be done within sixty (60) calendar days upon issuance of NTP at EPDC Bldg., MIRDC Compound, Bicutan, Taguig City.</p> <p>4.2. Government terms. Full payment will only be processed once completely delivered, inspected, and accepted by the end-user.</p>	1	pack	550.00	550.00
30	<p><b>Citric Acid</b></p> <p>1. GENERAL OVERVIEW</p> <p>1.1. ASTI is seeking qualified and competent bidders for the Supply and Delivery of Two (2) packs Citric acid to be used by EPDC manufacturing laboratory.</p> <p>1.2. The ABC is inclusive of all applicable government fees, taxes, and other charges.</p> <p>2. TECHNICAL SPECS</p> <p>2.1. Citric acid</p> <p>2.2. Form: Powder</p> <p>2.3. Color: White</p> <p>2.4. Net Weight: At least 5kg</p> <p>3. WARRANTY</p> <p>3.1. Must carry at least three (3) months warranty, which shall commence from the date of acceptance of the end-user.</p> <p>4. PAYMENT AND DELIVERY TERMS</p> <p>4.1. Delivery must be done within sixty (60) calendar days upon issuance of NTP at EPDC Bldg., MIRDC</p>	2	pack	2365.00	4,730.00

	Compound, Bicutan, Taguig City. 4.2. Government terms. Full payment will only be processed once completely delivered, inspected, and accepted by the end-user.				
31	<p><b>CNC Toolbit - Universal Cutter</b></p> <p>1. GENERAL OVERVIEW</p> <p>1.1. ASTI is seeking qualified and competent bidders for the Supply and Delivery of Five (5) pack CNC Toolbit - Universal Cutter to be used by EPDC manufacturing laboratory.</p> <p>1.2. The ABC is inclusive of all applicable government fees, taxes, and other charges.</p> <p>2. TECHNICAL SPECS</p> <p>2.1. V shaped tip</p> <p>2.2. Tip Angle: 90°</p> <p>2.3. Shank (Diameter): 3.175 (1/8")</p> <p>2.4. Diameter: 0.2 – 0.5mm</p> <p>2.5. Includes stopper ring for easier tool change operations</p> <p>2.6. Material: Tungsten carbide</p> <p>2.7. Compatible with LPKF Protomat S103 CNC machine</p> <p>2.8. Quantity: Ten (10) pcs per pack</p> <p>3. WARRANTY</p> <p>3.1 Must carry at least three (3) months warranty, which shall commence from the date of acceptance of the end-user.</p> <p>4. PAYMENT AND DELIVERY TERMS</p> <p>4.1. Delivery must be done within one hundred twenty (120) calendar days upon issuance of NTP at EPDC Bldg., MIRDC Compound, Bicutan, Taguig City.</p> <p>4.2. Government terms. Full payment will only be processed once completely delivered, inspected, and accepted by the end-user.</p>	5	pack	34650.00	173,250.00
32	<p><b>CNC Toolbit- Micro Cutter</b></p> <p>1. GENERAL OVERVIEW</p> <p>1.1. ASTI is seeking qualified and competent bidders for the Supply and Delivery of Six(6) packs CNC Toolbit- Micro Cutter to be used by EPDC manufacturing laboratory.</p> <p>1.2. The ABC is inclusive of all applicable government fees, taxes, and other charges.</p> <p>2. TECHNICAL SPECS</p> <p>2.1. V shaped tip</p> <p>2.2. Tip angle: 60°</p> <p>2.3. Shank (diameter): 3.175 (1/8")</p> <p>2.4. Diameter: 0.1 – 0.15mm</p> <p>2.5. Includes stopper ring for easier tool change operations</p> <p>2.6. Material: Tungsten carbide</p> <p>2.7. Compatible with LPKF Protomat S103 CNC Machine</p> <p>2.8. Quantity: Ten (10) pcs per pack</p> <p>3. WARRANTY</p>	6	pack	36300.00	217,800.00

	<p>3.1 Must carry at least three (3) months warranty, which shall commence from the date of acceptance of the end-user.</p> <p>4. PAYMENT AND DELIVERY TERMS:</p> <p>4.1. Delivery must be done within one hundred twenty (120) calendar days upon issuance of NTP at EPDC Bldg., MIRDC Compound, Bicutan, Taguig City.</p> <p>4.2. Government terms. Full payment will only be processed once completely delivered, inspected, and accepted by the end-user.</p>				
33	<p><b>CNC Toolbit- End Mill 0.8mm</b></p> <p>1. GENERAL OVERVIEW</p> <p>1.1. ASTI is seeking qualified and competent bidders for the Supply and Delivery of Five (5) packs CNC Toolbit- End Mill 0.8mm to be used by EPDC manufacturing laboratory.</p> <p>1.2. The ABC is inclusive of all applicable government fees, taxes, and other charges.</p> <p>2. TECHNICAL SPECS</p> <p>2.1. Diameter: 0.8mm</p> <p>2.2. Shank (Diameter): 3.175 (1/8")</p> <p>2.3. Includes stopper ring for easier tool change operations</p> <p>2.4. Material: Tungsten carbide</p> <p>2.5. Compatible with LPKF Protomat S103 CNC Machine</p> <p>2.6. Quantity: Ten (10) pcs per pack</p> <p>3. WARRANTY</p> <p>3.1 Must carry at least three (3) months warranty, which shall commence from the date of acceptance of the end-user.</p> <p>4. PAYMENT AND DELIVERY TERMS</p> <p>4.1. Delivery must be done within one hundred twenty (120) calendar days upon issuance of NTP at EPDC Bldg., MIRDC Compound, Bicutan, Taguig City.</p> <p>4.2. Government terms. Full payment will only be processed once completely delivered, inspected, and accepted by the end-user.</p>	5	pack	40000.00	200,000.00
34	<p><b>CNC Tool Bit- End Mill 1.0mm</b></p> <p>1. GENERAL OVERVIEW</p> <p>1.1. ASTI is seeking qualified and competent bidders for the Supply and Delivery of Five (5) packs CNC Tool Bit- End Mill 1.0mm to be used by EPDC manufacturing laboratory.</p> <p>1.2. The ABC is inclusive of all applicable government fees, taxes, and other charges.</p> <p>2. TECHNICAL SPECS</p> <p>2.1. Diameter: 1.0mm</p> <p>2.2. Shank (Diameter): 3.175 (1/8")</p> <p>2.3. Includes stopper ring for easier tool change operations</p> <p>2.4. Material: Tungsten carbide</p> <p>2.5. Compatible with LPKF Protomat S103 CNC Machine</p>	5	pack	40000.00	200,000.00



	<p>2.6. Quantity: Ten (10) pcs per pack</p> <p>3. WARRANTY</p> <p>3.1 Must carry at least Three (3) months warranty, which shall commence from the date of acceptance of the end-user</p> <p>4. PAYMENT AND DELIVERY TERMS</p> <p>4.1. Delivery must be done within one hundred twenty (120) calendar days upon issuance of NTP at EPDC Bldg., MIRDC Compound, Bicutan, Taguig City.</p> <p>4.2. Government terms. Full payment will only be processed once completely delivered, inspected, and accepted by the end-user.</p>				
35	<p><b>CNC Tool Bit- End Mill 2.0mm</b></p> <p>1. GENERAL OVERVIEW</p> <p>1.1. ASTI is seeking qualified and competent bidders for the Supply and Delivery of Five (5) packs CNC Tool Bit- End Mill 2.0mm to be used by EPDC manufacturing laboratory.</p> <p>1.2. The ABC is inclusive of all applicable government fees, taxes, and other charges.</p> <p>2. TECHNICAL SPECS</p> <p>2.1. Diameter: 2.0mm</p> <p>2.2. Shank (Diameter): 3.175 (1/8")</p> <p>2.3. Includes stopper ring for easier tool change operations</p> <p>2.4. Material: Tungsten carbide</p> <p>2.5. Compatible with LPKF Protomat S103 CNC Machine</p> <p>2.6. Quantity: Ten (10) pieces per pack</p> <p>3. WARRANTY</p> <p>3.1 Must carry at least three (3) months warranty, which shall commence from the date of acceptance of the end-user</p> <p>4. PAYMENT AND DELIVERY TERMS</p> <p>4.1. Delivery must be done within one hundred twenty (120) calendar days upon issuance of NTP at EPDC Bldg., MIRDC Compound, Bicutan, Taguig City.</p> <p>4.2. Government terms. Full payment will only be processed once completely delivered, inspected, and accepted by the end-user.</p>	5	pack	40000.00	200,000.00
36	<p><b>CNC Tool Bit- Spiral Drill 0.4mm</b></p> <p>1. GENERAL OVERVIEW</p> <p>1.1. ASTI is seeking qualified and competent bidders for the Supply and Delivery of Five (5) packs CNC Tool Bit- Spiral Drill 0.4mm to be used by EPDC manufacturing laboratory.</p> <p>1.2. The ABC is inclusive of all applicable government fees, taxes, and other charges.</p> <p>2. TECHNICAL SPECS</p> <p>2.1. Diameter: 0.4mm</p> <p>2.2. Shank (Diameter): 3.175 (1/8")</p> <p>2.3. Includes stopper ring for easier tool change operations</p>	5	pack	8000.00	40,000.00

	<p>2.4. Material: Tungsten carbide</p> <p>2.5. Compatible with LPKF Protomat S103 CNC Machine</p> <p>2.6. Quantity: Ten (10) pieces per pack</p> <p>3. WARRANTY</p> <p>3.1 Must carry at least three (3) months warranty, which shall commence from the date of acceptance of the end-user.</p> <p>4. PAYMENT AND DELIVERY TERMS</p> <p>4.1. Delivery must be done within one hundred twenty (120) calendar days upon issuance of NTP at EPDC Bldg., MIRDC Compound, Bicutan, Taguig City.</p> <p>4.2. Government terms. Full payment will only be processed once completely delivered, inspected, and accepted by the end-user.</p>				
37	<p><b>CNC Toolbit- Spiral Drill 0.5mm</b></p> <p>1. GENERAL OVERVIEW</p> <p>1.1. ASTI is seeking qualified and competent bidders for the Supply and Delivery of Four (4) packs CNC Toolbit- Spiral Drill 0.5mm to be used by EPDC manufacturing laboratory.</p> <p>1.2. The ABC is inclusive of all applicable government fees, taxes, and other charges.</p> <p>2. TECHNICAL SPECS</p> <p>2.1. Diameter: 0.5mm</p> <p>2.2. Shank (Diameter): 3.175 (1/8")</p> <p>2.3. Includes stopper ring for easier tool change operations</p> <p>2.4. Material: Tungsten carbide</p> <p>2.5. Compatible with LPKF Protomat S103 CNC Machine</p> <p>2.6. Quantity: Ten (10) pcs per pack</p> <p>3. WARRANTY</p> <p>3.1 Must carry at least three (3) months warranty, which shall commence from the date of acceptance of the end-user.</p> <p>4. PAYMENT AND DELIVERY TERMS</p> <p>4.1. Delivery must be done within one hundred twenty (120) calendar days upon issuance of NTP at EPDC Bldg., MIRDC Compound, Bicutan, Taguig City.</p> <p>4.2. Government terms. Full payment will only be processed once completely delivered, inspected, and accepted by the end-user</p>	4	pack	8000.00	32,000.00
38	<p><b>CNC Toolbit- Spiral Drill 0.6mm</b></p> <p>1. GENERAL OVERVIEW:</p> <p>1.1. ASTI is seeking qualified and competent bidders for the Supply and Delivery of Four (4) packs CNC Toolbit- Spiral Drill 0.6mm to be used by EPDC manufacturing laboratory.</p> <p>1.2. The ABC is inclusive of all applicable government fees, taxes, and other charges.</p> <p>2. TECHNICAL SPECS:</p> <p>2.1. Diameter: 0.6mm</p>	4	pack	7975.00	31,900.00

	<p>2.2. Shank (Diameter): 3.175 (1/8")</p> <p>2.3. Includes stopper ring for easier tool change operations</p> <p>2.4. Material: Tungsten carbide</p> <p>2.5. Compatible with LPKF Protomat S103 CNC Machine</p> <p>2.6. Quantity: Ten (10) pcs per pack</p> <p>3. WARRANTY</p> <p>3.1 Must carry at least three (3) months warranty, which shall commence from the date of acceptance of the end-user.</p> <p>4. PAYMENT AND DELIVERY TERMS:</p> <p>4.1. Delivery must be done within one hundred twenty (120) calendar days upon issuance of NTP at EPDC Bldg., MIRDC Compound, Bicutan, Taguig City.</p> <p>4.2. Government terms. Full payment will only be processed once completely delivered, inspected, and accepted by the end-user.</p>				
39	<p><b>CNC Toolbit- Spiral Drill 0.7mm</b></p> <p>1. GENERAL OVERVIEW:</p> <p>1.1. ASTI is seeking qualified and competent bidders for the Supply and Delivery of Four (4) packs CNC Toolbit- Spiral Drill 0.7mm to be used by EPDC manufacturing laboratory.</p> <p>1.2. The ABC is inclusive of all applicable government fees, taxes, and other charges.</p> <p>2. TECHNICAL SPECS:</p> <p>2.1. Diameter: 0.7mm</p> <p>2.2. Shank (Diameter): 3.175 (1/8")</p> <p>2.3. Includes stopper ring for easier tool change operations</p> <p>2.4. Material: Tungsten carbide</p> <p>2.5. Compatible with LPKF Protomat S103 CNC Machine</p> <p>2.6. Quantity: Ten (10) pcs per pack</p> <p>3. WARRANTY</p> <p>3.1 Must carry at least three (3) months warranty, which shall commence from the date of acceptance of the end-user.</p> <p>4. PAYMENT AND DELIVERY TERMS:</p> <p>4.1. Delivery must be done within one hundred twenty (120) calendar days upon issuance of NTP at EPDC Bldg., MIRDC Compound, Bicutan, Taguig City.</p> <p>4.2. Government terms. Full payment will only be processed once completely delivered, inspected, and accepted by the end-user.</p>	4	pack	8000.00	32,000.00
40	<p><b>CNC Tool Bit- Spiral Drill 0.8mm</b></p> <p>1. GENERAL OVERVIEW:</p> <p>1.1. ASTI is seeking qualified and competent bidders for the Supply and Delivery of Four (4) packs CNC Tool bit-spiral drill 0.8mm to be used by EPDC manufacturing laboratory.</p> <p>1.2. The ABC is inclusive of all applicable government fees, taxes, and other charges.</p>	4	pack	8000.00	32,000.00

	<p>2. TECHNICAL SPECS:</p> <p>2.1. Diameter: 0.8mm</p> <p>2.2. Shank (Diameter): 3.175 (1/8")</p> <p>2.3. Includes stopper ring for easier tool change operations</p> <p>2.4. Material: Tungsten carbide</p> <p>2.5. Compatible with LPKF Protomat S103 CNC Machine</p> <p>2.6. Quantity: Ten (10) pcs per pack</p> <p>3. WARRANTY</p> <p>3.1 Must carry at least three (3) months warranty, which shall commence from the date of acceptance of the end-user.</p> <p>4. PAYMENT AND DELIVERY TERMS:</p> <p>4.1. Delivery must be done within one hundred twenty (120) calendar days upon issuance of NTP at EPDC Bldg., MIRDC Compound, Bicutan, Taguig City.</p> <p>4.2. Government terms. Full payment will only be processed once completely delivered, inspected, and accepted by the end-user.</p>				
41	<p><b>CNC Tool Bit- Spiral Drill 0.9mm</b></p> <p>1. GENERAL OVERVIEW:</p> <p>1.1. ASTI is seeking qualified and competent bidders for the Supply and Delivery of Four (4) packs CNC Tool Bit- Spiral Drill 0.9mm to be used by EPDC manufacturing laboratory.</p> <p>1.2. The ABC is inclusive of all applicable government fees, taxes, and other charges.</p> <p>2. TECHNICAL SPECS:</p> <p>2.1. Diameter: 0.9mm</p> <p>2.2. Shank (Diameter): 3.175 (1/8")</p> <p>2.3. Includes stopper ring for easier tool change operations</p> <p>2.4. Material: Tungsten carbide</p> <p>2.5. Compatible with LPKF Protomat S103 CNC Machine</p> <p>2.6. Quantity: Ten (10) pieces per pack</p> <p>3. WARRANTY</p> <p>3.1 Must carry at least three (3) months warranty, which shall commence from the date of acceptance of the end-user.</p> <p>4. PAYMENT AND DELIVERY TERMS:</p> <p>4.1. Delivery must be done within one hundred twenty (120) calendar days upon issuance of NTP at EPDC Bldg., MIRDC Compound, Bicutan, Taguig City.</p> <p>4.2. Government terms. Full payment will only be processed once completely delivered, inspected, and accepted by the end-user.</p>	4	pack	8000.00	32,000.00
42	<p><b>CNC Toolbit- Spiral Drill 1.0mm</b></p> <p>1. GENERAL OVERVIEW:</p> <p>1.1. ASTI is seeking qualified and competent bidders for the Supply and Delivery of Four (4) packs CNC Toolbit- Spiral Drill 1.0mm to be used by EPDC</p>	4	pack	8000.00	32,000.00

	<p>manufacturing laboratory.</p> <p>1.2. The ABC is inclusive of all applicable government fees, taxes, and other charges.</p> <p>2. TECHNICAL SPECS:</p> <p>2.1. Diameter: 1.0mm</p> <p>2.2. Shank (Diameter): 3.175 (1/8")</p> <p>2.3. Includes stopper ring for easier tool change operations</p> <p>2.4. Material: Tungsten carbide</p> <p>2.5. Compatible with LPKF Protomat S103 CNC Machine</p> <p>2.6. Quantity: Ten (10) pcs per pack</p> <p>3. WARRANTY</p> <p>3.1 Must carry at least three (3) months warranty, which shall commence from the date of acceptance of the end-user.</p> <p>4. PAYMENT AND DELIVERY TERMS:</p> <p>4.1. Delivery must be done within one hundred twenty (120) calendar days upon issuance of NTP at EPDC Bldg., MIRDC Compound, Bicutan, Taguig City.</p> <p>4.2. Government terms. Full payment will only be processed once completely delivered, inspected, and accepted by the end-user.</p>				
43	<p><b>CNC Toolbit- Spiral Drill 1.2mm</b></p> <p>1. GENERAL OVERVIEW:</p> <p>1.1. ASTI is seeking qualified and competent bidders for the Supply and Delivery of Four (4) packs CNC Toolbit- Spiral Drill 1.2mm to be used by EPDC manufacturing laboratory.</p> <p>1.2. The ABC is inclusive of all applicable government fees, taxes, and other charges.</p> <p>2. TECHNICAL SPECS:</p> <p>2.1. Diameter: 1.2mm</p> <p>2.2. Shank (Diameter): 3.175 (1/8")</p> <p>2.3. Includes stopper ring for easier tool change operations</p> <p>2.4. Material: Tungsten carbide</p> <p>2.5. Compatible with LPKF Protomat S103 CNC Machine</p> <p>2.6. Quantity: Ten (10) pieces per pack</p> <p>3. WARRANTY:</p> <p>3.1 Must carry at least three (3) months warranty, which shall commence from the date of acceptance of the end-user.</p> <p>4. PAYMENT AND DELIVERY TERMS:</p> <p>4.1. Delivery must be done within one hundred twenty (120) calendar days upon issuance of NTP at EPDC Bldg., MIRDC Compound, Bicutan, Taguig City.</p> <p>4.2. Government terms. Full payment will only be processed once completely delivered, inspected, and accepted by the end-user.</p>	4	pack	8000.00	32,000.00
44	<p><b>CNC Toolbit- Spiral Drill 1.4mm</b></p> <p>1. GENERAL OVERVIEW:</p>	4	pack	8000.00	32,000.00

<p>1.1. ASTI is seeking qualified and competent bidders for the Supply and Delivery of Four (4) packs CNC Toolbit- Spiral Drill 1.4mm to be used by EPDC manufacturing laboratory.</p> <p>1.2. The ABC is inclusive of all applicable government fees, taxes, and other charges.</p> <p>2. TECHNICAL SPECS:</p> <p>2.1. Diameter: 1.4mm</p> <p>2.2. Shank (Diameter): 3.175 (1/8")</p> <p>2.3. Includes stopper ring for easier tool change operations</p> <p>2.4. Material: Tungsten carbide</p> <p>2.5. Compatible with LPKF Protomat S103 CNC Machine</p> <p>2.6. Quantity: Ten (10) pieces per pack</p> <p>3. WARRANTY</p> <p>3.1 Must carry at least three (3) months warranty, which shall commence from the date of acceptance of the end-user.</p> <p>4. PAYMENT AND DELIVERY TERMS:</p> <p>4.1. Delivery must be done within one hundred twenty (120) calendar days upon issuance of NTP at EPDC Bldg., MIRDC Compound, Bicutan, Taguig City.</p> <p>4.2. Government terms. Full payment will only be processed once completely delivered, inspected, and accepted by the end-user.</p>				
<p>45 <b>CNC Toolbit- Spiral Drill 1.5mm</b></p> <p>1. GENERAL OVERVIEW:</p> <p>1.1. ASTI is seeking qualified and competent bidders for the Supply and Delivery of Four (4) packs CNC Toolbit- Spiral Drill 1.5mm to be used by EPDC manufacturing laboratory.</p> <p>1.2. The ABC is inclusive of all applicable government fees, taxes, and other charges.</p> <p>2. TECHNICAL SPECS:</p> <p>2.1. Diameter: 1.5mm</p> <p>2.2. Shank (Diameter): 3.175 (1/8")</p> <p>2.3. Includes stopper ring for easier tool change operations</p> <p>2.4. Material: Tungsten carbide</p> <p>2.5. Compatible with LPKF Protomat S103 CNC Machine</p> <p>2.6. Quantity: Ten (10) pcs per pack</p> <p>3. WARRANTY</p> <p>3.1 Must carry at least three (3) months warranty, which shall commence from the date of acceptance of the end-user.</p> <p>4. PAYMENT AND DELIVERY TERMS:</p> <p>4.1. Delivery must be done within one hundred twenty (120) calendar days upon issuance of NTP at EPDC Bldg., MIRDC Compound, Bicutan, Taguig City.</p> <p>4.2. Government terms. Full payment will only be processed once completely delivered, inspected, and accepted by the end-user.</p>	4	pack	8000.00	32,000.00

46	<p><b>CNC Toolbit- Spiral Drill 1.6mm</b></p> <p>1. GENERAL OVERVIEW:</p> <p>1.1. ASTI is seeking qualified and competent bidders for the Supply and Delivery of Four (4) packs of CNC Toolbit- Spiral Drill 1.6mm to be used by EPDC manufacturing laboratory.</p> <p>1.2. The ABC is inclusive of all applicable government fees, taxes, and other charges.</p> <p>2. TECHNICAL SPECS:</p> <p>2.1. Diameter: 1.6mm</p> <p>2.2. Shank (Diameter): 3.175 (1/8")</p> <p>2.3. Includes stopper ring for easier tool change operations</p> <p>2.4. Material: Tungsten carbide</p> <p>2.5. Compatible with LPKF Protomat S103 CNC Machine</p> <p>2.6. Quantity: Ten (10) pieces per pack</p> <p>3. WARRANTY</p> <p>3.1 Must carry at least Three (3) months warranty, which shall commence from the date of acceptance of the end-user</p> <p>4. PAYMENT AND DELIVERY TERMS:</p> <p>4.1. Delivery must be done within one hundred twenty (120) calendar days upon issuance of NTP at EPDC Bldg., MIRDC Compound, Bicutan, Taguig City.</p> <p>4.2. Government terms. Full payment will only be processed once completely delivered, inspected, and accepted by the end-user.</p>	4	pack	8000.00	32,000.00
47	<p><b>CNC Toolbit- Spiral Drill 1.8mm</b></p> <p>1. GENERAL OVERVIEW:</p> <p>1.1. ASTI is seeking qualified and competent bidders for the Supply and Delivery of Four (4) packs CNC Toolbit- Spiral Drill 1.8mm to be used by EPDC manufacturing laboratory.</p> <p>1.2. The ABC is inclusive of all applicable government fees, taxes, and other charges.</p> <p>2. TECHNICAL SPECS:</p> <p>2.1. Diameter: 1.8mm</p> <p>2.2. Shank (Diameter): 3.175 (1/8")</p> <p>2.3. Includes stopper ring for easier tool change operations</p> <p>2.4. Material: Tungsten carbide</p> <p>2.5. Compatible with LPKF Protomat S103 CNC Machine</p> <p>2.6. Quantity: Ten (10) pieces per pack</p> <p>3. WARRANTY</p> <p>3.1 Must carry at least three (3) months warranty, which shall commence from the date of acceptance of the end-user</p> <p>4. PAYMENT AND DELIVERY TERMS:</p> <p>4.1. Delivery must be done within one hundred twenty (120) calendar days upon issuance of NTP at EPDC Bldg., MIRDC Compound, Bicutan, Taguig City.</p> <p>4.2. Government terms. Full payment will only be</p>	4	pack	8000.00	32,000.00

	processed once completely delivered, inspected, and accepted by the end-user.				
48	<p><b>CNC Tool Bit- Spiral Drill 2.0mm</b></p> <p>1. GENERAL OVERVIEW:</p> <p>1.1. ASTI is seeking qualified and competent bidders for the Supply and Delivery of Four (4) packs CNC Tool Bit- Spiral Drill 2.0mm to be used by EPDC manufacturing laboratory.</p> <p>1.2. The ABC is inclusive of all applicable government fees, taxes, and other charges.</p> <p>2. TECHNICAL SPECS:</p> <p>2.1. Diameter: 2.0mm</p> <p>2.2. Shank (Diameter): 3.175 (1/8")</p> <p>2.3. Includes stopper ring for easier tool change operations</p> <p>2.4. Material: Tungsten carbide</p> <p>2.5. Compatible with LPKF Protomat S103 CNC Machine</p> <p>2.6. Quantity: Ten (10) pieces per pack</p> <p>3. WARRANTY</p> <p>3.1 Must carry at least three (3) months warranty, which shall commence from the date of acceptance of the end-user.</p> <p>4. PAYMENT AND DELIVERY TERMS:</p> <p>4.1. Delivery must be done within one hundred twenty (120) calendar days upon issuance of NTP at EPDC Bldg., MIRDC Compound, Bicutan, Taguig City.</p> <p>4.2. Government terms. Full payment will only be processed once completely delivered, inspected, and accepted by the end-user.</p>	4	pack	8000.00	32,000.00
49	<p><b>CNC Toolbit- Contour Router 1.0mm</b></p> <p>1. GENERAL OVERVIEW:</p> <p>1.1. ASTI is seeking qualified and competent bidders for the Supply and Delivery of Five (5) packs CNC Toolbit- Contour Router 1.0mm to be used by EPDC manufacturing laboratory.</p> <p>1.2. The ABC is inclusive of all applicable government fees, taxes, and other charges.</p> <p>2. TECHNICAL SPECS:</p> <p>2.1. Diameter: 1.0mm</p> <p>2.2. Shank (diameter): 3.175 (1/8")</p> <p>2.3. Includes stopper ring for easier tool change operations</p> <p>2.4. Material: tungsten carbide</p> <p>2.5. Compatible with LPKF Protomat S103 CNC Machine</p> <p>2.6. Quantity: Ten (10) pieces per pack</p> <p>3. WARRANTY</p> <p>3.1 Must carry at least three (3) months warranty, which shall commence from the date of acceptance of the end-user.</p> <p>4. PAYMENT AND DELIVERY TERMS:</p> <p>4.1. Delivery must be done within one hundred twenty</p>	5	pack	28050.00	140,250.00



	(120) calendar days upon issuance of NTP at EPDC Bldg., MIRDC Compound, Bicutan, Taguig City. 4.2. Government terms. Full payment will only be processed once completely delivered, inspected, and accepted by the end-user.				
50	<p><b>CNC Tool Bit- Contour Router 2.0mm</b></p> <p>1. GENERAL OVERVIEW:</p> <p>1.1. ASTI is seeking qualified and competent bidders for the Supply and Delivery of Five (5) packs CNC Tool Bit- Contour Router 2.0mm to be used by EPDC manufacturing laboratory.</p> <p>1.2. The ABC is inclusive of all applicable government fees, taxes, and other charges.</p> <p>2. TECHNICAL SPECS</p> <p>2.1. Diameter: 2.0mm</p> <p>2.2. Shank (Diameter): 3.175 (1/8")</p> <p>2.3. Includes stopper ring for easier tool change operations</p> <p>2.4. Material: Tungsten carbide</p> <p>2.5. Compatible with LPKF Protomat S103 CNC Machine</p> <p>2.6. Quantity: Ten (10) pieces per pack</p> <p>3. WARRANTY</p> <p>3.1 Must carry at least three (3) months warranty, which shall commence from the date of acceptance of the end-user.</p> <p>4. PAYMENT AND DELIVERY TERMS</p> <p>4.1. Delivery must be done within one hundred twenty (120) calendar days upon issuance of NTP at EPDC Bldg., MIRDC Compound, Bicutan, Taguig City.</p> <p>4.2. Government terms. Full payment will only be processed once completely delivered, inspected, and accepted by the end-user.</p>	5	pack	28050.00	140,250.00
51	<p><b>Fine Etch Crystals (1kg)</b></p> <p>1. GENERAL OVERVIEW</p> <p>1.1. ASTI is seeking qualified and competent bidders for the Supply and Delivery of Ten (10) tub Fine Etch Crystals (1kg) to be used by EPDC manufacturing laboratory.</p> <p>1.2. The ABC is inclusive of all applicable government fees, taxes, and other charges.</p> <p>2. TECHNICAL SPECS</p> <p>2.1. Fine etch crystals</p> <p>2.2. Weight: At least 1kg</p> <p>3. WARRANTY</p> <p>3.1 Must carry at least three (3) months warranty, which shall commence from the date of acceptance of the end-user</p> <p>4. PAYMENT AND DELIVERY TERMS</p> <p>4.1. Delivery must be done within ninety (90) calendar days upon issuance of NTP at EPDC Bldg., MIRDC Compound, Bicutan, Taguig City.</p> <p>4.2. Government terms. Full payment will only be</p>	10	tub	7425.00	74,250.00

	processed once completely delivered, inspected, and accepted by the end-user.				
52	<p><b>Waterproof Sand Paper #1000</b></p> <p>1. GENERAL OVERVIEW</p> <p>1.1. ASTI is seeking qualified and competent bidders for the Supply and Delivery of One (1) pack Waterproof Sandpaper #1000 to be used by EPDC manufacturing laboratory.</p> <p>1.2. The ABC is inclusive of all applicable government fees, taxes, and other charges.</p> <p>2. TECHNICAL SPECS</p> <p>2.1. Grit: 1000</p> <p>2.2. Product Form: Sheet</p> <p>2.3. Material (abrasive): black carbon silicon</p> <p>2.4. Can use on wet or dry surface</p> <p>2.5. Quantity: One hundred (100) pieces per pack</p> <p>3. WARRANTY</p> <p>3.1 Must carry at least three (3) months warranty, which shall commence from the date of acceptance of the end-user</p> <p>4. PAYMENT AND DELIVERY TERMS</p> <p>4.1. Delivery must be done within ninety (90) calendar days upon issuance of NTP at EPDC Bldg., MIRDC Compound, Bicutan, Taguig City.</p> <p>4.2. Government terms. Full payment will only be processed once completely delivered, inspected, and accepted by the end-user.</p>	1	pack	825.00	825.00
53	<p><b>Waterproof Sandpaper #800</b></p> <p>1. GENERAL OVERVIEW</p> <p>1.1. ASTI is seeking qualified and competent bidders for the Supply and Delivery of One (1) pack Waterproof Sandpaper #800 to be used by EPDC manufacturing laboratory.</p> <p>1.2. The ABC is inclusive of all applicable government fees, taxes, and other charges.</p> <p>2. TECHNICAL SPECS</p> <p>2.1. Grit: 800</p> <p>2.2. Product Form: Sheet</p> <p>2.3. Material (Abrasive): Black carbon silicon</p> <p>2.4. Can use on wet or dry surface</p> <p>2.5. Quantity: One hundred (100) pieces per pack</p> <p>3. WARRANTY</p> <p>3.1 Must carry at least three (3) months warranty, which shall commence from the date of acceptance of the end-user</p> <p>4. PAYMENT AND DELIVERY TERMS</p> <p>4.1. Delivery must be done within sixty (60) calendar days upon issuance of NTP at EPDC Bldg., MIRDC Compound, Bicutan, Taguig City.</p> <p>4.2. Government terms. Full payment will only be processed once completely delivered, inspected, and accepted by the end-user.</p>	1	pack	825.00	825.00

54	<p><b>Plastic Tongs</b></p> <p>1. GENERAL OVERVIEW</p> <p>1.1. ASTI is seeking qualified and competent bidders for the Supply and Delivery of Two (2) packs Plastic tongs to be used by EPDC manufacturing laboratory.</p> <p>1.2. The ABC is inclusive of all applicable government fees, taxes, and other charges.</p> <p>2. TECHNICAL SPECS</p> <p>2.1. Type: PCB tong</p> <p>2.2. Material: Plastic</p> <p>2.3. Ideal for developing activities</p> <p>2.4. Plastic clamp for film and circuits</p> <p>2.5. Quantity: Three (3) pieces per pack</p> <p>3. WARRANTY</p> <p>3.1 Must carry at least three (3) months warranty, which shall commence from the date of acceptance of the end-user.</p> <p>4. PAYMENT AND DELIVERY TERMS</p> <p>4.1. Delivery must be done within ninety (90) calendar days upon issuance of NTP at EPDC Bldg., MIRDC Compound, Bicutan, Taguig City.</p> <p>4.2. Government terms. Full payment will only be processed once completely delivered, inspected, and accepted by the end-user.</p>	2	pack	2695.00	5,390.00
55	<p><b>Nozzle Needle Cleaners</b></p> <p>1. GENERAL OVERVIEW</p> <p>1.1. ASTI is seeking qualified and competent bidders for the Supply and Delivery of Five (5) set Nozzle Needle Cleaners to be used by EPDC manufacturing laboratory.</p> <p>1.2. The ABC is inclusive of all applicable government fees, taxes, and other charges.</p> <p>2. TECHNICAL SPECS</p> <p>2.1. Must be compatible with Creality 3D Printer</p> <p>2.2. Nozzle Diameter: 0.3mm, 0.4mm, 0.5mm, 1.2mm</p> <p>3. PACKAGE INCLUSION</p> <p>3.1 One (1) set Nozzle Needle Cleaners must consist of the following:</p> <p>3.1.1 Three (3) pcs - 0.3mm nozzles</p> <p>3.1.2 Three (3) pcs- 0.4mm nozzles</p> <p>3.1.3 Two (2) pcs- 0.5mm nozzles</p> <p>3.1.4 Two (2) pcs- 1.2mm nozzles</p> <p>3.1.5 Five (5) pcs- Nozzle cleaner</p> <p>3.1.6 One (1) pc- Open end wrench</p> <p>4. WARRANTY</p> <p>4.1 Must carry at least three (3) months warranty, which shall commence from the date of acceptance of the end-user.</p> <p>5. PAYMENT AND DELIVERY TERMS</p> <p>5.1. Delivery must be done within sixty (60) calendar days upon issuance of NTP at EPDC Bldg., MIRDC Compound, Bicutan, Taguig City.</p> <p>5.2. Government terms. Full payment will only be</p>	5	set	495.00	2,475.00

	processed once completely delivered, inspected, and accepted by the end-user.				
56	<p><b>Hotbed Leveling Silicone Spacer Silica Column</b></p> <p>1. GENERAL OVERVIEW</p> <p>1.1. ASTI is seeking qualified and competent bidders for the Supply and Delivery of Five (5) pack Hotbed Leveling Silicone Spacer Silica Column to be used by EPDC manufacturing laboratory.</p> <p>1.2. The ABC is inclusive of all applicable government fees, taxes, and other charges.</p> <p>2. TECHNICAL SPECS</p> <p>2.1. Must be compatible with Crealitiy 3D Printer</p> <p>2.2. Material: Silicon</p> <p>2.3. Quantity: Four (4) pcs per pack</p> <p>3. WARRANTY</p> <p>3.1 Must carry at least Three (3) months warranty, which shall commence from the date of acceptance of the end-user.</p> <p>4. PAYMENT AND DELIVERY TERMS</p> <p>4.1. Delivery must be done within sixty (60) calendar days upon issuance of NTP at EPDC Bldg., MIRDC Compound, Bicutan, Taguig City.</p> <p>4.2. Government terms. Full payment will only be processed once completely delivered, inspected, and accepted by the end-user.</p>	5	pack	385.00	1,925.00
57	<p><b>PTFE Bowden Filament Tubing (1.75mm),3m</b></p> <p>1. GENERAL OVERVIEW:</p> <p>1.1. ASTI is seeking qualified and competent bidders for the Supply and Delivery of Four (4) Pieces PTFE Bowden Filament Tubing (1.75mm),3m to be used by EPDC manufacturing laboratory.</p> <p>1.2. The ABC is inclusive of all applicable government fees, taxes, and other charges.</p> <p>2. TECHNICAL SPECS:</p> <p>2.1. Must be compatible with Crealitiy 3D Printer</p> <p>2.2. Can insert 1.75mm filament diameter</p> <p>2.3. Length: At least three (3) meters</p> <p>2.4. Material: PTFE</p> <p>3. WARRANTY</p> <p>3.1 Must carry at least three (3) months warranty, which shall commence from the date of acceptance of the end-user.</p> <p>4. PAYMENT AND DELIVERY TERMS:</p> <p>4.1. Delivery must be done within sixty (60) calendar days upon issuance of NTP at EPDC Bldg., MIRDC Compound, Bicutan, Taguig City.</p> <p>4.2. Government terms. Full payment will only be processed once completely delivered, inspected, and accepted by the end-user.</p>	4	pc	3850.00	15,400.00
58	<p><b>Instant Epoxy Mix</b></p> <p>1. GENERAL OVERVIEW</p> <p>1.1. ASTI is seeking qualified and competent bidders</p>	5	pc	660.00	3,300.00

	<p>for the Supply and Delivery of Five (5) Pieces Instant Epoxy Mix to be used by EPDC manufacturing laboratory.</p> <p>1.2. The ABC is inclusive of all applicable government fees, taxes, and other charges.</p> <p>2. TECHNICAL SPECS</p> <p>2.1. Can be used on wood, metal, stone, ceramics, glass, plastic, etc.</p> <p>2.2. Self-mixing dispenser and precision applicator</p> <p>2.3. Waterproof, sandable and paintable</p> <p>2.4. Volume: At least 14 mL</p> <p>3. WARRANTY</p> <p>3.1 Must carry at least three (3) months warranty, which shall commence from the date of acceptance of the end-user</p> <p>4. PAYMENT AND DELIVERY TERMS</p> <p>4.1. Delivery must be done within sixty (60) calendar days upon issuance of NTP at EPDC Bldg., MIRDC Compound, Bicutan, Taguig City.</p> <p>4.2. Government terms. Full payment will only be processed once completely delivered, inspected, and accepted by the end-user.</p>				
59	<p><b>Acrylic Wall Putty</b></p> <p>1. GENERAL OVERVIEW:</p> <p>1.1. ASTI is seeking qualified and competent bidders for the Supply and Delivery of One (1) Piece Acrylic Wall Putty to be used by EPDC manufacturing laboratory.</p> <p>1.2. The ABC is inclusive of all applicable government fees, taxes, and other charges.</p> <p>2. TECHNICAL SPECS:</p> <p>2.1. Quick drying</p> <p>2.2. Durable and weather resistant</p> <p>2.3. Water-based acrylic coating</p> <p>2.4. Weight: At least 4.5kg</p> <p>2.5. Shrink and crack resistant formula</p> <p>2.6. Extra smooth finish</p> <p>3. WARRANTY</p> <p>3.1 Must carry at least three (3) months warranty, which shall commence from the date of acceptance of the end-user.</p> <p>4. PAYMENT AND DELIVERY TERMS:</p> <p>4.1. Delivery must be done within sixty (60) calendar days upon issuance of NTP at EPDC Bldg., MIRDC Compound, Bicutan, Taguig City. 4.2. Government terms. Full payment will only be processed once completely delivered, inspected, and accepted by the end-user.</p>	1	pc	1375.00	1,375.00
60	<p><b>Rotary Tool Professional Kit</b></p> <p>1. GENERAL OVERVIEW</p> <p>1.1. ASTI is seeking qualified and competent bidders for the Supply and Delivery of One (1) Set Rotary Tool Professional Kit to be used by EPDC manufacturing</p>	1	set	9350.00	9,350.00

	<p>laboratory.</p> <p>1.2. The ABC is inclusive of all applicable government fees, taxes, and other charges.</p> <p>2. TECHNICAL SPECS</p> <p>2.1. Multitool Type: Rotary tool</p> <p>2.2. Corded/Cordless: Corded</p> <p>2.3. Speed (rpm): 5.000-35.000 1/min</p> <p>2.4. Voltage Rating: 220- 240V</p> <p>2.5. Wattage: 175W</p> <p>2.6. EZ Twist: with EZ Twist Nose Cap for faster and easier accessory changes</p> <p>3. PACKAGE INCLUSION</p> <p>3.1. One (1) pc - Corded rotary tool</p> <p>3.2. One (1) lot- High quality rotary tool accessories</p> <p>3.3. One (1) pc- Instruction manual</p> <p>3.4. One (1) pc- Carry Case</p> <p>4. WARRANTY</p> <p>4.1 Must carry at least Three (3) months warranty, which shall commence from the date of acceptance of the end-user</p> <p>5. PAYMENT AND DELIVERY TERMS:</p> <p>5.1. Delivery must be done within sixty (60) calendar days upon issuance of Notice to Proceed (NTP) at EPDC Bldg., MIRDC Compound, Bicutan, Taguig City.</p> <p>5.2. Government terms. Full payment will only be processed once completely delivered, inspected, and accepted by the end-user.</p>				
61	<p><b>Finishing Abrasive Buffs (320 Grit)</b></p> <p>1. GENERAL OVERVIEW</p> <p>1.1. ASTI is seeking qualified and competent bidders for the Supply and Delivery of Twenty (20) pieces Finishing Abrasive Buffs (320 Grit) to be used by EPDC manufacturing laboratory.</p> <p>1.2. The ABC is inclusive of all applicable government fees, taxes, and other charges.</p> <p>2. TECHNICAL SPECS</p> <p>2.1. Must be compatible with Dremel Tool</p> <p>2.2. Grit: 320</p> <p>2.3. Multitool Accessory Type: Abrasive Wheel</p> <p>3. WARRANTY</p> <p>3.1 Must carry at least three (3) months warranty, which shall commence from the date of acceptance of the end-user.</p> <p>4. PAYMENT AND DELIVERY TERMS</p> <p>4.1. Delivery must be done within sixty (60) calendar days upon issuance of NTP at EPDC Bldg., MIRDC Compound, Bicutan, Taguig City.</p> <p>4.2. Government terms. Full payment will only be processed once completely delivered, inspected, and accepted by the end-user.</p>	20	pc	880.00	17,600.00
62	<p><b>Finishing Abrasive Buffs (180 and 280 Grit)</b></p> <p>1. GENERAL OVERVIEW:</p>	20	set	1155.00	23,100.00

	<p>1.1. ASTI is seeking qualified and competent bidders for the Supply and Delivery of Twenty (20) Sets Finishing Abrasive Buffs (180 and 280 Grit) to be used by EPDC manufacturing laboratory.</p> <p>1.2. The ABC is inclusive of all applicable government fees, taxes, and other charges.</p> <p>2. TECHNICAL SPECS:</p> <p>2.1. Must be compatible with Dremel Tool</p> <p>2.2. Grit: 180 and 280</p> <p>2.3. Multitool Accessory Type: Abrasive Wheel</p> <p>3. PACKAGE INCLUSION</p> <p>3.1 One (1) set Finishing Abrasive Buffs (180 and 280 Grit) must consist of the following:</p> <p>3.1.1. One (1) pc 180 Grit</p> <p>3.1.2. One (1) pc 280 Grit</p> <p>4. WARRANTY</p> <p>4.1 Must carry at least three (3) months warranty, which shall commence from the date of acceptance of the end-user.</p> <p>5. PAYMENT AND DELIVERY TERMS</p> <p>5.1. Delivery must be done within sixty (60) calendar days upon issuance of NTP at EPDC Bldg., MIRDC Compound, Bicutan, Taguig City.</p> <p>5.2. Government terms. Full payment will only be processed once completely delivered, inspected, and accepted by the end-user.</p>				
63	<p><b>Rotary Tool Accessory kit</b></p> <p>1. GENERAL OVERVIEW</p> <p>1.1. ASTI is seeking qualified and competent bidders for the Supply and Delivery of Two (2) set Rotary Tool Accessory kit to be used by EPDC manufacturing laboratory for 3D Printing for drilling, polishing, cleaning, de-rusting, engraving, cutting, hollowing, sanding &amp; shaping.</p> <p>1.2. The ABC is inclusive of all applicable government fees, taxes, and other charges.</p> <p>2. TECHNICAL SPECS</p> <p>2.1. Must be compatible with Dremel Tool</p> <p>2.2. Multitool Accessory Type: Accessory Kit</p> <p>2.3. Multitool Type: Rotary Tool</p> <p>2.4. Can use for task like drilling, cutting, sanding and shaping, as well as engraving, polishing and de-rusting</p> <p>2.5. Can be used on wood, plastic, fiberglass, metal and stone</p> <p>3. PACKAGE INCLUSION</p> <p>3.1. One (1) set- Rotary Tool Accessory Kit consists of the following:</p> <p>3.1.1 One (1) pc shaft, diameters of at least 2.3 mm and 3.2 mm</p> <p>3.1.2 Four (4) pcs big polishing wheels</p> <p>3.1.3 One (1) pc collet, 1.5</p> <p>3.1.4 One (1) pc cotton wheel</p> <p>3.1.5 One (1) set cutting discs</p> <p>3.1.6 Five (5) pcs diamond points</p>	2	set	4400.00	8,800.00

	<p>3.1.7 Four (4) pcs drill bits  3.1.8 Ten (10) pcs grinding stones  3.1.9 Twelve (12) pcs grinding wheels  3.1.10 Three (3) pcs mandrels  3.1.11 Two (2) pcs milling cutters  3.1.12 Three (3) pcs nylon brushes  3.1.13 One (1) pc polishing wheel shank  3.1.14 Five (5) pcs reinforced cutting discs  3.1.15 Two (2) pcs rubber wheels  3.1.16 Two (2) pcs sander drum mandrels  3.1.17 One (1) set sanding discs  3.1.18 Twelve (12) pcs Sanding drums  3.1.19 One (1) pc Sharpening stone  3.1.20 Six (6) pcs small polishers  3.1.21 One (1) pc spanner/screwdriver  3.1.22 Four (4) pcs wire brushes</p> <p>4. WARRANTY  4.1 Must carry at least three (3) months warranty, which shall commence from the date of acceptance of the end-user.</p> <p>5. PAYMENT AND DELIVERY TERMS:  5.1. Delivery must be done within sixty (60) calendar days upon issuance of NTP at EPDC Bldg., MIRDC Compound, Bicutan, Taguig City.  5.2. Government terms. Full payment will only be processed once completely delivered, inspected, and accepted by the end-user.</p>				
64	<p><b>EZ Lock Mandrel</b></p> <p>1. GENERAL OVERVIEW  1.1. ASTI is seeking qualified and competent bidders for the Supply and Delivery of Five (5) pieces EZ Lock Mandrel to be used by EPDC manufacturing laboratory for easily mounting different accessories; from felt polishing wheels to cut-off wheels and from sanding belts to grinding stones.  1.2. The ABC is inclusive of all applicable government fees, taxes, and other charges.</p> <p>2. TECHNICAL SPECS  2.1. Must be compatible with Dremel Tool and EZ Speedclic accessories  2.2. Use for exclusive EZ Lock Accessories (abrasive buffs and details brushes)  2.2. Shank Diameter: 3.2 mm</p> <p>3. WARRANTY  3.1 Must carry at least three (3) months warranty, which shall commence from the date of acceptance of the end-user</p> <p>4. PAYMENT AND DELIVERY TERMS  4.1. Delivery must be done within sixty (60) calendar days upon issuance of Notice to Proceed (NTP) at EPDC Bldg., MIRDC Compound, Bicutan, Taguig City.  4.2. Government terms. Full payment will only be processed once completely delivered, inspected, and accepted by the end-user.</p>	5	pc	1650.00	8,250.00



65	<p><b>12mm Label Refill Tape</b></p> <p>1. GENERAL OVERVIEW</p> <p>1.1. ASTI is seeking qualified and competent bidders for the Supply and Delivery of Ten (10) pieces 12mm Label Refill Tape to be used by EPDC manufacturing laboratory for label printer.</p> <p>1.2. The ABC is inclusive of all applicable government fees, taxes, and other charges.</p> <p>2. TECHNICAL SPECS</p> <p>2.1. Must be compatible with Brother Label Printers</p> <p>2.2. Color: Black on white</p> <p>2.3. Type: Tape</p> <p>2.4. Size: At least 12mm</p> <p>3. WARRANTY</p> <p>3.1 Must carry at least three (3) months warranty, which shall commence from the date of acceptance of the end-user.</p> <p>4. PAYMENT AND DELIVERY TERMS</p> <p>4.1. Delivery must be done within sixty (60) calendar days upon issuance of NTP at EPDC Bldg., MIRDC Compound, Bicutan, Taguig City.</p> <p>4.2. Government terms. Full payment will only be processed once completely delivered, inspected, and accepted by the end-user.</p>	10	pc	330.00	3,300.00
66	<p><b>Digital Scale Caliper</b></p> <p>1. GENERAL OVERVIEW</p> <p>1.1. ASTI is seeking qualified and competent bidders for the Supply and Delivery of Two (2) pieces Digital Scale Caliper to be used by EPDC manufacturing laboratory to measure various dimensions such as thickness, outer diameter, inner diameter, length, width, and depth of an object easily and accurately..</p> <p>1.2. The ABC is inclusive of all applicable government fees, taxes, and other charges.</p> <p>2. TECHNICAL SPECS</p> <p>2.1. Caliper Type: Digital caliper</p> <p>2.2. Capacity: 150mm</p> <p>2.3. Imperial or Metric: Metric</p> <p>2.4. Display Type: Digital</p> <p>3. WARRANTY</p> <p>3.1 Must carry at least three (3) months warranty, which shall commence from the date of acceptance of the end-user.</p> <p>4. PAYMENT AND DELIVERY TERMS</p> <p>4.1. Delivery must be done within sixty (60) calendar days upon issuance of NTP at EPDC Bldg., MIRDC Compound, Bicutan, Taguig City.</p> <p>4.2. Government terms. Full payment will only be processed once completely delivered, inspected, and accepted by the end-user.</p>	2	pc	7260.00	14,520.00
67	<p><b>De-ionized Water x 20L</b></p> <p>1. GENERAL OVERVIEW</p> <p>1.1. ASTI is seeking qualified and competent bidders</p>	25	pc	165.00	4,125.00

	<p>for the Supply and Delivery of Twenty-five (25) pieces De-ionized Water x 20L to be used by EPDC manufacturing laboratory for mixing,rinse and cleaning during PCB Fabrication process.</p> <p>1.2. The ABC is inclusive of all applicable government fees, taxes, and other charges.</p> <p>2. TECHNICAL SPECS</p> <p>2.1. Deionized water</p> <p>2.2. Volume: 20L</p> <p>2.3. Appearance: Colorless liquid</p> <p>3. WARRANTY</p> <p>3.1 Must carry at least three (3) months warranty, which shall commence from the date of acceptance of the end-user.</p> <p>4. PAYMENT AND DELIVERY TERMS</p> <p>4.1. Delivery must be done within sixty (60) calendar days upon issuance of NTP at EPDC Bldg., MIRDC Compound, Bicutan, Taguig City.</p> <p>4.2. Government terms. Full payment will only be processed once completely delivered, inspected, and accepted by the end-user.</p>				
68	<p><b>First Aid Kit</b></p> <p>1. GENERAL OVERVIEW</p> <p>1.1. ASTI is seeking qualified and competent bidders for the Supply and Delivery of Six (6) kits First Aid Kit to be used by EPDC manufacturing laboratory to treat common injuries such as cuts, scrapes, bruises, sprains, and more..</p> <p>1.2. The ABC is inclusive of all applicable government fees, taxes, and other charges.</p> <p>2. TECHNICAL SPECS</p> <p>2.1. Easily mounted on wall or cabinet</p> <p>2.2. Multi compartment with rubber gasket</p> <p>2.3. One (1) kit First Aid Kit must include the following:</p> <p>2.3.1. Antiseptic towelettes</p> <p>2.3.2. Alcohol prep pads</p> <p>2.3.3. Sting relief pads</p> <p>2.3.4. Povidone-Iodine prep pads</p> <p>2.3.5. Instant cold compress</p> <p>2.3.6. Adhesive bandage 1" x 3", 1.3/4" x 3/8", 3" x 3/4"</p> <p>2.3.7. Adhesive bandage fabric 1" x 3"</p> <p>2.3.8. Butterfly closures bandage</p> <p>2.3.9. Fingertip bandage</p> <p>2.3.10. knuckle bandage</p> <p>2.3.11. XL strips 2" x 3"</p> <p>2.3.12. Gauze roll 2" x 5" and 3" x 5" yard</p> <p>2.3. 13. Eye pads</p> <p>2.3.14. Sterile gauze pads 2" x 2", 3"x3", 4"x4"</p> <p>2.3.15. cotton tip applicator</p> <p>2.3.16. Adhesive tape roll</p> <p>2.3.17. Finger splints</p> <p>2.3.18. Triangular bandage</p> <p>2.3.19. Plastic tweezer 2.3.20. Metal scissor</p> <p>2.3.21. PVC examination gloves</p> <p>2.3.22. CPR barrier</p>	6	kit	2310.00	13,860.00

	<p>2.3.23. Filtration mask 2.3.24. Tourniquet 2.3.25. Safety Pins 2.3.26. Splinter remover</p> <p>3. WARRANTY 3.1 Must carry at least three (3) months warranty, which shall commence from the date of acceptance of the end-user.</p> <p>4. PAYMENT AND DELIVERY TERMS 4.1. Delivery must be done within sixty (60) calendar days upon issuance of NTP at EPDC Bldg., MIRDC Compound, Bicutan, Taguig City. 4.2. Government terms. Full payment will only be processed once completely delivered, inspected, and accepted by the end-user.</p>				
69	<p><b>Micro SD</b></p> <p>1. GENERAL OVERVIEW 1.1. ASTI is seeking qualified and competent bidders for the Supply and Delivery of Five (5) Pieces Micro SD to be used by EPDC manufacturing laboratory for storing the STL files for 3D Printing. 1.2. The ABC is inclusive of all applicable government fees, taxes, and other charges.</p> <p>2. TECHNICAL SPECS 2.1. Type: Micro SD card 2.2. Class: Class 10 2.3. Storage: 64GB</p> <p>3. WARRANTY 3.1 Must carry at least three (3) months warranty, which shall commence from the date of acceptance of the end-user</p> <p>4. PAYMENT AND DELIVERY TERMS 4.1. Delivery must be done within sixty (60) calendar days upon issuance of NTP at EPDC Bldg., MIRDC Compound, Bicutan, Taguig City. 4.2. Government terms. Full payment will only be processed once completely delivered, inspected, and accepted by the end-user.</p>	5	pc	462.00	2,310.00
70	<p><b>Red Extruder kit</b></p> <p>1. GENERAL OVERVIEW 1.1. ASTI is seeking qualified and competent bidders for the Supply and Delivery of Five (5) pieces Red Extruder kit to be used by EPDC manufacturing laboratory for Extruder mechanism of 3D Printers. 1.2. The ABC is inclusive of all applicable government fees, taxes, and other charges.</p> <p>2. TECHNICAL SPECS 2.1. Must be compatible with Ender 5 Plus 2.2. Material: Aluminum alloy 2.3. Used for 1.75mm filament</p> <p>3. WARRANTY 3.1 Must carry at least three (3) months warranty,</p>	5	pc	440.00	2,200.00

	<p>which shall commence from the date of acceptance of the end-user</p> <p>4. PAYMENT AND DELIVERY TERMS</p> <p>4.1. Delivery must be done within sixty (60) calendar days upon issuance of NTP at EPDC Bldg., MIRDC Compound, Bicutan, Taguig City.</p> <p>4.2. Government terms. Full payment will only be processed once completely delivered, inspected, and accepted by the end-user.</p>				
71	<p><b>PEI Magnetic Plate</b></p> <p>1. GENERAL OVERVIEW</p> <p>1.1. ASTI is seeking qualified and competent bidders for the Supply and Delivery of Five (5) Pieces PEI Magnetic Plate to be used by EPDC manufacturing laboratory for 3D Printing as its magnetic build plate.</p> <p>1.2. The ABC is inclusive of all applicable government fees, taxes, and other charges.</p> <p>2. TECHNICAL SPECSGE</p> <p>2.1. Must be compatible with Ender 3 Pro</p> <p>2.2. Size: at least 235 x 235 mm</p> <p>2.3. Smooth: Yes</p> <p>3. WARRANTY</p> <p>3.1. Must carry at least three (3) months warranty, which shall commence from the date of acceptance of the end-user.</p> <p>4. PAYMENT AND DELIVERY TERMS:</p> <p>4.1. Delivery must be done within sixty (60) calendar days upon issuance of NTP at EPDC Bldg., MIRDC Compound, Bicutan, Taguig City.</p> <p>4.2. Government terms. Full payment will only be processed once completely delivered, inspected, and accepted by the end-user.</p>	5	pc	1430.00	7,150.00
72	<p><b>Heavy Duty Steel Table</b></p> <p>1. GENERAL OVERVIEW</p> <p>1.1. ASTI is seeking qualified and competent bidders for the Supply and Delivery of One (1) piece Heavy Duty Steel Table to be used by EPDC manufacturing laboratory.</p> <p>1.2. The ABC is inclusive of all applicable government fees, taxes, and other charges.</p> <p>2. TECHNICAL SPECS</p> <p>2.1. Material: Mild steel</p> <p>2.2. Finish: Powder coat (Grey)</p> <p>2.3. Can Carry load at least 200kg</p> <p>2.4. Dimension LxWxH: At least 42in x 45in x 2ft</p> <p>3. WARRANTY</p> <p>3.1 Must carry at least three (3) months warranty, which shall commence from the date of acceptance of the end-user.</p> <p>4. PAYMENT AND DELIVERY TERMS</p> <p>4.1. Delivery must be done within sixty (60) calendar days upon issuance of NTP at EPDC Bldg., MIRDC</p>	1	pc	29370.00	29,370.00

Compound, Bicutan, Taguig City. 4.2. Government terms. Full payment will only be processed once completely delivered, inspected, and accepted by the end-user				
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<b>TOTAL APPROVED BUDGET FOR THE CONTRACT (ABC):</b>	
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<b>Php 3,634,330.00</b>
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<b>RESERVATION CLAUSE</b>
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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.
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