



Republic of the Philippines
DEPARTMENT OF SCIENCE AND TECHNOLOGY
ADVANCED SCIENCE AND TECHNOLOGY INSTITUTE



ASTI - FM 03-17
 REV 3 / 10 October 2023

PURCHASE ORDER

Supplier:	JASSEN HARRIS INDUSTRIES CORP.	PO No.:	24-07-168
Address:	1063 Tomas Mapua St., Brgy. 329 Zone 33, Sta. Cruz, Manila	PO Date:	July 15, 2024
TIN:	009-248-102-00000	Mode of Procurement:	NP-53.9 Small Value Procurement

Gentleman:

Please furnish this Office the following articles subject to the terms and conditions contained herein:

Place of Delivery: **ASTI Bldg., C.P. Garcia Ave., U.P. Technology Park Complex, U.P. Campus, Diliman, Quezon City 1101**

Delivery Term:

Thirty (30) calendar days upon issuance of NTP

Date of Delivery: _____

Payment Term:

Government Terms

Warranty Term:

Stock / Property No.	Unit	Description	Quantity	Unit Cost	Amount
1	Kit	Laboratory Tool - High-speed 3D Printer Kit 1. GENERAL OVERVIEW 1.1. DOST-ASTI is seeking qualified and competent bidders for the SUPPLY AND DELIVERY OF ONE (1) KIT OF HIGH-SPEED 3D PRINTER KIT to be used to print prototype 3D models needed under the STRIIDER project. 1.2. The ABC includes all applicable government taxes and services charges. 2. TECHNICAL SPECIFICATIONS 2.1. Printing technology: FDM 2.2. Build volume: 220 x 220 x 250 mm 2.3. Printing speed: ≤600 mm/s 2.4. Acceleration: ≤20,000 mm/s ² 2.5. Printing accuracy: 100 ±0.1 mm 2.6. Layer height: 0.1 – 0.35 mm 2.7. Extruder: Dual-gear direct drive extruder 2.8. Filament diameter: 1.75 mm 2.9. Nozzle: 2.9.1. Diameter: 0.4 mm 2.9.2. Temperature: ≤300°C 2.10. Heatbed temperature: ≤100°C 2.11. Build plate: PEI flexible 2.12. Leveling mode: Hands-free auto leveling 2.13. Display screen: 4/3" color touch screen 2.14. Voltage: 100 – 120 V, 200 – 240 V, 50/60 Hz 2.15. Power: 350 V 2.16. Supported filament: ABS, PLA, PETG, PET, TPU, PA, ABS, ASA, PC, PLA-CF, PET-CF 2.17. Printable file format: G-code 2.18. File formats for slicing: STL, OBJ, 3MF 2.19. Silent mode: ≤45 dB 2.20. Equipped with built-in AI camera that watches over and alerts when an error occurs 3. WARRANTY 3.1. Must have at least six (6) months of warranty	1	P35,000.00	P35,000.00

Postal Address : ASTI Bldg., U.P. Technology Park Complex,
 CP Garcia Ave., Diliman, Quezon City 1101
 Website : www.asti.dost.gov.ph
 Email : info@asti.dost.gov.ph

Tel No. : +632 8249-8500
 +632 8426-9755

OK 2024-07-00501

745
 2cm

		<p>from the time of delivery which covers defects in materials.</p> <p>3.2. Warranty service shall commence from the date of end-user acceptance.</p> <p>3.3. Any replacement service must be successfully performed within fifteen (15) calendar days.</p> <p>4. DELIVERY AND PAYMENT TERMS</p> <p>4.1. The goods must be delivered within thirty (30) calendar days upon issuance of NTP.</p> <p>4.2. Full payment will only be processed once the item is completely delivered, inspected, and accepted by the End-user.</p> <p>4.3. No payment shall be made for the supplies and materials not yet delivered under this contract.</p> <p>(Please see attached quotation.)</p>			
2	Set	<p>Workshop Consumable - 3D Printer Nozzle</p> <p>1. GENERAL OVERVIEW</p> <p>1.1. DOST-ASTI is seeking qualified and competent bidders for the SUPPLY AND DELIVERY OF ONE (1) SET OF 3D PRINTER NOZZLE to be used to print prototype 3D models needed under the STRIIDER project and must be compatible with existing 3D printer Creality CR-10 Smart Pro in the ESG unit.</p> <p>1.2. The ABC includes all applicable government taxes and services charges.</p> <p>2. TECHNICAL SPECIFICATIONS</p> <p>2.1. Premium hardened steel</p> <p>2.2. High wear resistance</p> <p>2.3. Smooth inner wall</p> <p>2.4. Smooth feeding</p> <p>2.5. Wide compatibility</p> <p>2.6. Mohs hardness: 7.8</p> <p>2.7. High temperature resistance: 450°C</p> <p>2.8. Thermal conductivity: 22 W/m.k</p> <p>2.9. Inner wall roughness: Ra 0.4</p> <p>2.10. Compatible consumables: PLA, ABS, PETG, TPE, TPU, PC</p> <p>2.11. Comes in sizes, 0.25 mm, 0.4 mm, 0.6 mm, 0.8 mm</p> <p>3. WARRANTY</p> <p>3.1. Must have at least six (6) months of warranty from the time of delivery which covers defects in materials.</p> <p>3.2. Warranty service shall commence from the date of end-user acceptance.</p> <p>3.3. Any replacement service must be successfully performed within fifteen (15) calendar days.</p> <p>4. DELIVERY AND PAYMENT TERMS</p> <p>4.1. The goods must be delivered within thirty (30) calendar days upon issuance of NTP.</p> <p>4.2. Full payment will only be processed once the item is completely delivered, inspected, and accepted by the End-user.</p> <p>4.3. No payment shall be made for the supplies and materials not yet delivered under this contract.</p> <p>(Please see attached quotation.)</p>	1	P1,400.00	P1,400.00

add. supplies

3	Set	<p>Workshop Consumable - Adhesive Polarizing Film/Sheet</p> <p>1. GENERAL OVERVIEW</p> <p>1.1. DOST-ASTI is seeking qualified and competent bidders for the SUPPLY AND DELIVERY OF ONE (1) SET OF ADHESIVE POLARIZING FILM/SHEET to be used in the initial research and development under the STRIIDER project.</p> <p>1.2. The ABC includes all applicable government taxes and services charges.</p> <p>2. TECHNICAL SPECIFICATIONS</p> <p>2.1. Material: Plastic</p> <p>2.2. Coating: Multi-coating</p> <p>2.3. Waterproof</p> <p>3. WARRANTY</p> <p>3.1. Must have at least six (6) months of warranty from the time of delivery which covers defects in materials.</p> <p>3.2. Warranty service shall commence from the date of end-user acceptance.</p> <p>3.3. Any replacement service must be successfully performed within fifteen (15) calendar days.</p> <p>4. DELIVERY AND PAYMENT TERMS</p> <p>4.1. The goods must be delivered within thirty (30) calendar days upon issuance of NTP.</p> <p>4.2. Full payment will only be processed once the item is completely delivered, inspected, and accepted by the End-user.</p> <p>4.3. No payment shall be made for the supplies and materials not yet delivered under this contract.</p> <p>(Please see attached quotation.)</p>	1	P2,750.00	P2,750.00
4	Piece	<p>Laboratory Tool - PoE Injector Switch</p> <p>1. GENERAL OVERVIEW</p> <p>1.1. DOST-ASTI is seeking qualified and competent bidders for the SUPPLY AND DELIVERY OF ONE (1) PC OF PoE INJECTOR SWITCH to be used as a hub to connect various modules through ethernet to STRIIDER.</p> <p>1.1.1. Will be part of the prototype under the STRIIDER project.</p> <p>1.2. The ABC includes all applicable government taxes and services charges.</p> <p>2. TECHNICAL SPECIFICATIONS</p> <p>2.1. Voltage:</p> <p>2.1.1. Output: 48 VDC @ 0.32 A</p> <p>2.1.2. Rated: 100 – 240 VAC @ 50/60 Hz</p> <p>2.2. Current:</p> <p>2.2.1. Input (max): 500 mA</p> <p>2.2.2. Inrush: <100 A peak @ 25°C</p> <p>2.2.3. Peak pulse: 36 A (10/1000 μS) data</p> <p>2.3. Efficiency: 84.25+ %</p> <p>2.4. Output ripple: 200 mV p-p</p> <p>2.5. Switching frequency: 65 kHz</p> <p>2.6. Regulation:</p> <p>2.6.1. Line: ≤ 3%</p> <p>2.6.2. Load: ≤ 5%</p> <p>2.7. 2-pair powering: Pins 4,5(+) and 7,8(-)</p> <p>2.8. AC connector: IEC-320 C6</p> <p>2.9. Data in / PoE: RJ45 shielded socket</p>	1	P1,100.00	P1,100.00


	<p>2.10. Protection:</p> <p>2.10.1. Surge: Difference and common mode</p> <p>2.10.2. Clamping: 11 V Data, 60 V Power</p> <p>2.11. Max. surge discharge: 1500 A (8/20 μS) power</p> <p>2.12. Shunt capacitance: <5 pF data</p> <p>2.13. Response time: <1 ns</p> <p>3. WARRANTY</p> <p>3.1. Must have at least six (6) months of warranty from the time of delivery which covers defects in materials.</p> <p>3.2. Warranty service shall commence from the date of end-user acceptance.</p> <p>3.3. Any replacement service must be successfully performed within fifteen (15) calendar days.</p> <p>4. DELIVERY AND PAYMENT TERMS</p> <p>4.1. The goods must be delivered within thirty (30) calendar days upon issuance of NTP.</p> <p>4.2. Full payment will only be processed once the item is completely delivered, inspected, and accepted by the End-user.</p> <p>4.3. No payment shall be made for the supplies and materials not yet delivered under this contract.</p> <p>(Please see attached quotation.)</p>			
			TOTAL:	₱40,250.00
(Total Amount in Words)			Forty Thousand Two Hundred Fifty Pesos Only	

The contract price is inclusive of taxes and other fees or charges. In case of failure to make the full delivery within the time specified above, a penalty of one-tenth (1/10) of one percent for every day of delay shall be imposed on the undelivered item/s. Once the cumulative amount of liquidated damages reaches ten percent (10%) of the amount of the contract, DOST-ASTI may rescind or terminate the contract, without prejudice to other courses of action and remedies available under the circumstances and in accordance with the provisions of the latest implementing rules and regulations of RA 9184.

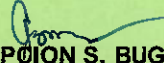
Conforme:

Very Truly Yours,

(Signature over Printed Name of Supplier)


FRANZ A. DE LEON, Ph.D.
 Director, DOST-ASTI

(Date)

Fund Cluster:	01	ORS / BURS No.: 021011012024-07-000581
Funds Available:	₱ 40,250.00	ORS / BURS Date: JULY 16, 2024
		Amount: ₱ 40,250.00
 GAY CONCEPCION S. BUGAGAO Accountant III		



15 July 2024

NOTICE TO PROCEED
ALTERNATIVE MODE OF PROCUREMENT

Mr. MIKE JASSEN T. SY
 President
JASSEN HARRIS INDUSTRIES CORP.
 1063 Tomas Mapua St., Brgy. 329 Zone 33
 Sta. Cruz, Manila

Dear Mr. Sy,

This Notice to Proceed is hereby issued for the following contract details:

Contract Name	: <u>Supply and Delivery of One (1) Kit Laboratory Tool - High-speed 3D Printer Kit and Other Items</u>
Purchase Request No.	: <u>GAA-24-05-19302</u>
Purchase / Work Order No.	: <u>24-07-168</u>
Total Contract Price	: <u>₱40,250.00</u>
(inclusive of taxes, import duties and all other charges or fees)	
Total Contract Price in Words	: <u>Forty Thousand Two Hundred Fifty Pesos</u>

Upon issuance of this Notice, your company, **JASSEN HARRIS INDUSTRIES CORP.** is hereby directed to commence the delivery of items and/or performance of services stipulated in the said Purchase Order which shall become due and demandable in accordance with the delivery schedule stipulated therein.

Please acknowledge receipt and acceptance of this Notice by signing in the space provided below. There are two (2) copies of this document; you may keep one copy and return the other to the Bids and Awards Committee (BAC) Secretariat of the Advanced Science and Technology Institute. Should you have any questions or clarifications, you may reach us at bac-sec@asti.dost.gov.ph.

Respectfully,

FRANZ A. DE LEON, Ph.D.
 Director

Digitally signed
 by Franz A. De Leon
 DN: cn=Franz A. De Leon, o=DOST, ou=ASTI, email=franz@asti.dost.gov.ph

DATE OF ISSUANCE:

JUL 17 2024

RECEIVED BY:

 Signature over Printed Name

 Date and Time

Postal Address : ASTI Bldg., U.P. Technology Park Complex,
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ASTI-FM 03-19
 REV 2 / 05 October 2023