



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

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

IB No:	24-07-4916	Date:	July-22-2024
PR No:	GAA-24-05-19270	Date:	May-24-2024
Source of Funds:			
Total ABC:	Php 1,600,000.00		
Time, Date & Venue of Pre-bid Conference:	July 30, 2024, 9:00 AM at Videoconferencing (MS Teams)		
Time and Date of Submission of Bids:	August 12, 2024, 09:00 AM		
Time, Date & Venue of Opening Bids:	August 12, 2024, 9:30 AM at DOST-ASTI and Videoconferencing (MS Teams)		
Date of availability of Complete Set of Documents:	July 23, 2024		
Deadline of Potential Bidder's Clarifications:	August 02, 2024		
Deadline of ASTI's Supplemental Bid Bulletin:	August 05, 2024		
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 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	<p>Benchtop Flatbed UV Printer with Accessories</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) lot Benchtop Flatbed UV Printer with Accessories to be used by Electronics Product Development Center (EPDC) manufacturing laboratory for printing the PCB legend or component identification.</p> <p>1.2 The Approved budget for the Contract is inclusive of all applicable government fees, taxes, and other charges.</p>	1	lot	1600000.00	1,600,000.00

2. TECHNICAL SPECS:

2.1. Benchtop Flatbed UV Printer

2.1.1. Budget: ₱ 1,544,500.00

2.1.2 UV Printer Head: On-demand piezo head

2.1.3. Printing Resolution: 1200 x 1200 dpi maximum

2.1.4. Maximum Printable Area: 300 x 420 mm (A3)

2.1.5. UV Printer ink

2.1.5.1 Color: C, M, Y, K, W, CI, Primer

2.1.5.2 Type: Can be used when printing in Hard Material (e.g. Plastic, Metal, Glass...etc.)

2.1.5.3 Capacity: 250 mL / 1L

2.1.6. Media (material used for Printing)

2.1.6.1 Thickness: 153 mm (6 in) or less

2.1.6.2 Weight: 5 kg (11 lb.) or less

2.1.7. Interface: USB2.0/ Ethernet

2.1.8. Certification: VCCI-Class A, FCC-Class A, IEC62368-1, ETL, CE Mark (EMC Directive, Low Voltage Directive, Machinery Directive) CB Report, RoHS, REACH, ENERGY STAR, EAC, RCM

2.1.9. Power Supply: Single-phase AC100-240V, ±10%, 50/60Hz ±1Hz

2.1.10. Power Consumption: 1000W or less

2.1.11. Operation Environment

2.1.11.1. Temperature: 20 to 30C (68 to 86F)

2.1.11.2. Humidity: 35 to 65% RH (Non-Condensing)

2.1.11.3. Guaranteed Accuracy Temperature: 20 to 30C (68 to 86F)

2.1.11.4. Temperature Gradient: ± 10C/ h or less (± 50F/ h or less)

2.1.11.5. Dust Level: Equivalent to a general office floor level

2.1.12. External Dimensions: Approx. 1355 x 1290 x 856 mm (53 x 51 x 34 in)

2.1.13. Weight: Approx. 135 kg (298 lb)

2.1.14. Noise Level

2.1.14.1. Standby Mode: 55dB or less (measured 1 meter away from the source)

2.1.14.2. Continuous Operation: 65 dB or less

2.1.14.3. Discontinuous Operation: 70 dB or less

2.1.15. Consumable materials used for demonstration, testing and training:

2.1.15.1. Two (2) sets UV ink C,M,Y,K (2L/color)

2.1.15.2. Four (4) bottles UV ink white (1L/bot)

2.1.15.3. Two (2) sets cleaning solution kit

2.1.15.4. Two (2) cans GM1 Primer

2.1.15.5. Two (2) bottles (1L/bot) Primer

2.1.15.5.1. Improves adhesion of UV digital printing inks, UV screen printing inks and UV liquid coatings on glass, metals, ceramics and plastics.

2.1.15.6. Fifteen (15) pcs Hologram sheets

2.2. Computer

2.2.1. Budget: ₱28,000.00

2.2.2. Quantity: One (1) set

2.2.2.1. One (1) unit – At least 19" HDMI LED monitor with HDMI cable

2.2.2.2. One (1) piece - Wired keyboard

2.2.2.3. One (1) piece - Optical mouse

2.2.2.4. One (1) unit – CPU

2.2.2.4.1. Motherboard must be at least: compatible with 11th and 10th Generation Intel® Processors, with Ethernet, HDMI, VGA, USB 3.2 Gen 1 Type-A, SATA 6Gbps

2.2.2.4.2. Storage: At least 1TB Solid State Drive

2.2.2.4.3. RAM: At least 16GB DDR4

2.2.2.4.4. Processor: At least Intel Core i7

2.2.2.4.5. Case: At least Micro ATX Mini Tower Case - Black

2.3. Uninterruptible Power Supply (UPS)

2.3.1. Budget: ₱22,000.00

2.3.2. Quantity: One (1) unit

2.3.2.1. Rated Power: At least 3000VA

2.4. Automatic Voltage Regulation (AVR)

2.4.1. ₱5,500.00

2.4.2. Quantity: One (1) unit

2.4.2.1. Rated Power: At least 3000VA

3. PACKAGE INCLUSION

3.1. Bundle Listing for One (1) lot Benchtop Flatbed UV Printer with Accessories is consisting of the following:

3.1.1. One (1) unit vacuum table

3.1.2. One (1) USB printer cable

3.1.3. One (1) set operating software for UV printer

3.1.2. Inclusive of the following:

3.2. Hardware setup and software installation

3.2.1. Comprehensive support

3.2.2. Training

3.2.2.1. Maintenance training

3.2.2.2. Operation training

4. WARRANTY

4.1 Unit/s must carry at least one (1) year warranty for the Machine, Accessories and the Printer Head, which shall commence from the date of acceptance of the end-user.

5. DELIVERY AND PAYMENT

5.1. Delivery of equipment must be done within sixty (60) calendar days upon issuance of Notice to Proceed at EPDC Bldg., MIRDC Compound, Bicutan, Taguig City.

5.2. Hardware set up, maintenance, and operation training must be conducted within ten (10) calendar days upon delivery of equipment.

5.3. Government terms. Full payment will only be processed once completely delivered, inspected, and accepted by the end-user.

TOTAL APPROVED BUDGET FOR THE CONTRACT (ABC):

Php 1,600,000.00

RESERVATION CLAUSE

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.