



17 March 2025

ASTI - BIDS AND AWARDS COMMITTEE

SUPPLEMENTAL BULLETIN NO. BAC-2025-03-001

SUPPLY AND DELIVERY OF VARIOUS COMMON-USE SUPPLIES AND EQUIPMENT

The ASTI Bids and Awards Committee (BAC) issues this Supplemental/Bid Bulletin to clarify, modify or amend items in the Bidding Documents and to reply to queries raised by the potential bidders through letters/emails for the information of all bidders for the procurement of:

Item:	Supply and Delivery of Various Common-use Supplies and Equipment
Approved Budget for the Contract:	One Million One Hundred Fifty-Three Thousand Five Hundred Forty-Nine Pesos Only (₱1,153,549.00)
Invitation to Bid No.:	25-02-5153 dated 04 March 2025
Purchase Request No.:	GAA-25-01-20625 dated 30 January 2025
Published Date (PhilGEPS):	05 March 2025 11837024

A. AMENDMENT TO PROCUREMENT DETAILS AND FORMS

REFERENCE	AMENDMENT/CHANGE/CLARIFICATION				
Section III. Bid Data Sheet, Page 19	FROM:				
	ITB Clause				
	5.3	For this purpose, contracts similar to the Project shall be: a. Supply and Delivery of Various Common-use Supplies and Equipment; b. completed within three (3) years, specifically from 24 March 2022 to 23 March 2025 prior to the deadline for the submission and receipt of bids.			
	7.1	No further instructions.			
	12	The price of the Goods shall be quoted DDP DOST-ASTI, CP Garcia Ave., UP Technopark, UP Campus, Diliman, Quezon City 1101 or the applicable International Commercial Terms (INCOTERMS) for this Project.			
	TO:				
	ITB Clause				
	5.3	For this purpose, contracts similar to the Project shall be: a. Supply and Delivery of Various Common-use Supplies and Equipment; b. completed within three (3) years, specifically from 24 March 2022 to 23 March 2025 prior to the deadline for the submission and receipt of bids.			
	7.1	No further instructions.			
	12	The price of the Goods shall be quoted DDP DOST-ASTI, CP Garcia Ave., UP Technopark, UP Campus, Diliman, Quezon City 1101, UP-NEC, Diliman, Quezon City 1101, and EPDC, MIRD C Compd., Gen. Santos Ave., Bicutan 1631, Taguig City or the applicable International Commercial Terms (INCOTERMS) for this Project.			
Section VI. Schedule of Requirements, Page 26	FROM:				
	Lot No.	Description	Quantity	Total	Delivered, Weeks/Months
	1	Electric Fan, Stand Type	Two (2) Unit	Two (2) Unit	Thirty (30) calendar days upon issuance

					of Notice to Proceed (NTP).
	2	Keyboard	Sixt-Five (65) Unit	Sixt-Five (65) Unit	Thirty (30) calendar days upon issuance of NTP.
	TO:				
	Lot No.	Description	Quantity	Total	Delivered, Weeks/Months
	1	Electric Fan, Stand Type	Two (2) Unit	Two (2) Unit	Thirty (30) calendar days upon issuance of Notice to Proceed (NTP).
	2	Keyboard	Sixty-Five (65) Unit	Sixty-Five (65) Unit	Thirty (30) calendar days upon issuance of NTP.
	FROM:				
	LOT NO.	SPECIFICATION			STATEMENT OF COMPLIANCE
	1	Electric Fan, Stand Type			
		2.1. Size and Blade: 16" Electric fan with plastic blade			
	2.2. Number of Blades (Min): Three (3) blades				
	2.3. Blade Size (Min.): 380mm				
	2.4. Grill: Metal				
	2.5. Speed Control: Three (3) speed setting, manufacturer's standard				
	2.6. Head Adjustment and Oscillation Control: Manufacturer's standard				
	2.7. Height Adjustment: Manufacturer's standard				
	2.8. Base: Manufacturer's standard				
	2.9. Motor: Fully enclosed				
	2.10. 220 – 240 volts, 60Hz				
	2.11. With PS Quality or ICC Mark				
	2.12. With operating/user's manual (English Translation)				
	2.13. Brand shall be engraved/embossed/printed/permanently stickered on the item.				
	2.14. Warranty: One (1) year on parts and service.				
	3. WARRANTY				
	3.1. Supplier warrants the items against defects in manufacturing and shipping and delivery issues.				
	3.2. Defective and incorrect items shall be replaced within seven (7) calendar days upon receipt of notice from the Property and Supply Section.				
	3.3. Warranty period should be at least six (6) months.				
Section VII. Technical Specifications, Page 28	TO:				
	LOT NO.	SPECIFICATION			STATEMENT OF COMPLIANCE

	1	Electric Fan, Stand Type	
		2.1. Size and Blade: 16" Electric fan with plastic blade	
		2.2. Number of Blades (Min): Three (3) blades	
		2.3. Blade Size (Min.): 380mm	
		2.4. Grill: Metal	
		2.5. Speed Control: Three (3) speed setting, manufacturer's standard	
		2.6. Head Adjustment and Oscillation Control: Manufacturer's standard	
		2.7. Height Adjustment: Manufacturer's standard	
		2.8. Base: Manufacturer's standard	
		2.9. Motor: Fully enclosed	
		2.10. Voltage Capacity: 220 – 240 volts, 60Hz	
		2.11. With PS Quality or ICC Mark	
		2.12. With operating/user's manual (English Translation)	
		2.13. Brand shall be engraved/embossed/printed/permanently stickered on the item.	
		2.14. Warranty: One (1) year on parts and service. 2.14. Delivery Location: EPDC Bldg., MIRDC Compd., General Santos Ave., Taguig City	
		3. WARRANTY	
		3.1. Supplier warrants the items against defects in manufacturing and shipping and delivery issues.	
		3.2. Defective and incorrect items shall be replaced within seven (7) calendar days upon receipt of notice from the Property and Supply Section.	
		3.3. Warranty period should be at least six (6) months. one (1) year.	
Section VII. Technical Specifications, Page 29	FROM:		
	LOT NO.	SPECIFICATION	STATEMENT OF COMPLIANCE
	2	KEYBOARD	
		2. TECHNICAL SPECIFICATIONS	
		2.1. Wireless mechanical keyboard	
		2.2. Connection: Type-C wired or 2.4G wireless Bluetooth	
		2.3. Product Weight: Approximately 1183g	
		2.4. Keys:	
		2.4.1. At least ninety-nine (99) keys	
		2.4.2. With number keys	
		2.5. Hot-swappable	
		2.6. RGB backlight	
		2.7. Battery	
		2.7.1. At least 8000mAh (2*4000mAh) battery capacity	
		2.7.2. Rechargeable Li-ion batter	
		2.8. Approximately fifty-three (53) hours (default light effect) endurance	

		2.9. Operating System: WIN XP/7/8/10/Android/IOS/MAC	
		2.10. Color: Preferably white, grey	
	TO:		
	LOT NO.	SPECIFICATION	STATEMENT OF COMPLIANCE
	2	KEYBOARD	
		2. TECHNICAL SPECIFICATIONS	
		2.1. Wireless mechanical keyboard	
		2.2. Connection: Type-C wired or 2.4G wireless Bluetooth	
		2.3. Product Weight: Approximately 1183g	
		2.4. Keys:	
		2.4.1. At least ninety-nine (99) keys	
		2.4.2. With number keys	
		2.5. Hot-swappable	
		2.6. RGB backlight	
		2.7. Battery	
		2.7.1. At least 8000mAh (2*4000mAh) battery capacity	
		2.7.2. Rechargeable Li-ion batter	
		2.8. Approximately fifty-three (53) hours (default light effect) endurance	
		2.9. Operating System: WIN XP/7/8/10/Android/IOS/MAC	
		2.10. Color: Preferably white, grey	
		2.11. Delivery Locations: National Engineering Center (NEC) Bldg., Juinio Hall, corner Agoncillo St. and Osmena Avenue, University of the Philippines Diliman, Quezon City 1101, (20 units) and ASTI Bldg, C.P Garcia Ave., UP Campus, Quezon City 1101, (45 units)	
Section VII. Technical Specifications, Page 30	FROM:		
	LOT NO.	SPECIFICATION	STATEMENT OF COMPLIANCE
	3	EXTENSION CORD	
		2. TECHNICAL SPECIFICATIONS	
		2.1. 12-gang power strip	
		2.2. Tower type extension with individual switch	
	TO:		
	LOT NO.	SPECIFICATION	STATEMENT OF COMPLIANCE
	3	EXTENSION CORD	
		2. TECHNICAL SPECIFICATIONS	
		2.1. 12-gang power strip with switch	
		2.2. Tower type extension with individual switch	
		2.3. With Safety shutter protection features and Resistant to pressure, heat and moisture	
		2.4. With safety breakers for protection against overloading	

		2.5. Delivery Location: ASTI Bldg, C.P Garcia Ave., UP Campus, Quezon City 1101	
Section VII. Technical Specifications, Page 31	FROM:		
	LOT NO.	SPECIFICATION	STATEMENT OF COMPLIANCE
	4	GLUE GUN	
		2. TECHNICAL SPECIFICATIONS	
		2.1. Compatible with 7.5 mm stick size with foldable stand	
		2.2. Heating time is approx. 3 mins	
		2.3. Can be used normally in 110V to 240V power supply	
	TO:		
	LOT NO.	SPECIFICATION	STATEMENT OF COMPLIANCE
	4	GLUE GUN	
		2. TECHNICAL SPECIFICATIONS	
		2.1. Compatible with 7.5 mm stick size with foldable stand	
		2.2. Heating time is approx. 3 mins	
		2.3. Can be used normally in 110V to 240V power supply	
		2.4. Delivery Location: ASTI Bldg, C.P Garcia Ave., UP Campus, Quezon City 1101	
Section VII. Technical Specifications, Page 31-32	FROM:		
	LOT NO.	SPECIFICATION	STATEMENT OF COMPLIANCE
	5	STEEL FILING CABINET	
		2. TECHNICAL SPECIFICATIONS	
		2.1. Materials: All metal construction, glass & metal sliding door cabinet	
		2.2. Dimension (Min): W85xD40xH175 cm	
		2.3. Finish: Light gray	
		2.4. With five (5) adjustable shelf	
		2.5. With one (1) central lock and two (2) keys	
		2.6. Heavy duty, high quality	
	TO:		
	LOT NO.	SPECIFICATION	STATEMENT OF COMPLIANCE
	5	STEEL FILING CABINET	
		2. TECHNICAL SPECIFICATIONS	
		2.1. Materials: All metal construction, glass & metal sliding door cabinet	
		2.2. Dimension (Min): W85xD40xH175 cm	
		2.3. Finish: Light gray	
		2.4. With five (5) adjustable shelf	
		2.5. With one (1) central lock and two (2) keys	
		2.6. Heavy duty, high quality	
		2.7. Delivery Locations: National Engineering Center (NEC) Bldg., Juinio Hall, corner Agoncillo St. and Osmena Avenue, University	

		of the Philippines Diliman, Quezon City 1101, (2 units), EPDC Bldg., MIRDC Cmpd., General Santos Ave., Taguig City (5 units) and ASTI Bldg, C.P Garcia Ave., UP Campus, Quezon City 1101, (27 units)	
Section VII. Technical Specifications, Page 33	FROM:		
	LOT NO.	SPECIFICATION	STATEMENT OF COMPLIANCE
	6	DOCUMENT SCANNER	
		2. TECHNICAL SPECIFICATIONS	
		2.1. Throughput Speeds: 40 ppm / 80 ipm	
		2.2. Feeder Capacity: Up to 80 sheets of 80 g/m ² (20 lb.) paper	
		2.3. Connectivity: USB 3.2 Gen 1x1 Compatible	
		2.4. Document Size (min.): 52 mm x 52 mm (2.05 in. x 2.05 in.)	
		2.5. Paper Thickness & Weight:	
		2.5.1. 27–433 g/m ² (7.2–160 lb.) paper	
		2.5.2. Hard card thickness up to 1.25 mm (0.05 in.)	
		2.6. Optical Resolution (Max.): 600 dpi	
		2.7. Accessories & Consumables:	
		2.7.1. Integrated A4/legal flatbed	
		2.7.2. Passport flatbed accessory	
		2.7.3. Feeder consumables kits	
		2.7.4. Stacking deflector accessory	
		2.8. Acoustical Noise: Scanning:	
		2.9. Barcode Reading: Codabar, Code 128, Code 3 of 9, EAN-13, EAN-8, Interleaved 2 of 5, PDF417, QR, UPC-A, UPC-E	
		2.10. Bundled Software: Smart touch	
		2.11. Dimensions & Weight	
		2.11.1. Weight (Approx.): 3.3 kg (7.2 lbs.) Depth: 204 mm (8.0 in.), not including input tray and output tray	
		2.11.2. Width (Approx.): 312 mm (12.3 in.) Height: 182.5 mm (7.2 in.), not including input tray	
		2.11.3. Depth with Input Tray (Approx.): 269 mm (10.6 in.)	
		2.11.4. Height with Input Tray (Approx.): 231.6 mm (9.1 in.)	
		2.12. Electrical Requirements: 100-240 V	
		2.13. File Format Outputs: BMP, JPEG, Single-page TIFF, Microsoft Excel, Microsoft Word, Multipage TIFF, PDF, Text searchable PDF, PNG, RTF	
		2.14. Image Output Resolution Options: Up to 1200 dp	
		2.15. Operating System Compatibility: WINDOWS 10 (32- and 64-bit), WINDOWS 11 (64 bit), WINDOWS Server 2019, WINDOWS Server 2022, Ubuntu 18.04 64-bit, Ubuntu 20.04 64-bit	
		2.16. Operator Control Panel: 1.5 inch (38 mm) 7 segment LED	

		2.17. Paper Handling (SurePath) Features: Ultrasonic Multifeed Technology, Length Multifeed Detection	
		2.18. Power Consumption:	
		2.18.1. Running: Less than 20 watts	
		2.18.2. Standby: Less than 0.3 watts	
		2.19. Recommended Daily Volume: Up to 5,000 pages per day	
		2.20. Scanning Technology: Dual RGB LED Illumination CIS (CMOS); Grayscale output bit depth is 256 levels (8-bit); color output bit depth is 24 bits (8 x 3); color capture bit depth is 24 bits (8 x 3)	
		3. WARRANTY	
		3.1. Upon delivery of the laptops, the supplier must respond to product-related inquiries and/or requests submitted by DOST-ASTI within seven (7) calendar days from product delivery.	
		3.2. The warranty period must cover at least one (1) year of hardware service for parts and labor with onsite service after remote diagnosis.	
		3.3. Replacement units should be provided for defective units, fifteen (15) days upon receipt of notice from End-users / DOST-ASTI Property and Supply Section.	
		3.4. Defective units may be defined as units not working upon testing or units that have failed to work after testing within seven (7) calendar days from purchase.	
		4. PAYMENT AND DELIVERY TERMS	
		4.1. Must be delivered within sixty (60) calendar days upon issuance of NTP to DOST-ASTI Building, CP Garcia Ave., UP Campus, Diliman, Quezon City.	
		4.2. Full payment will only be processed once completely delivered, inspected, and accepted by the end-user.	
	TO:		
	LOT NO.	SPECIFICATION	STATEMENT OF COMPLIANCE
	6	DOCUMENT SCANNER	
		2. TECHNICAL SPECIFICATIONS	
		2.1. Throughput Speeds: 40 ppm / 80 ipm	
		2.2. Feeder Capacity: Up to 80 sheets of 80 g/m ² (20 lb.) paper	
		2.3. Connectivity: USB 3.2 Gen 1x1 Compatible	
		2.4. Document Size (min.): 52 mm x 52 mm (2.05 in. x 2.05 in.)	
		2.5. Paper Thickness & Weight:	
		2.5.1. 27–433 g/m ² (7.2–160 lb.) paper	
		2.5.2. Hard card thickness up to 1.25 mm (0.05 in.)	
		2.6. Optical Resolution (Max.): 600 dpi	
		2.7. Accessories & Consumables:	
		2.7.1. Integrated A4/legal flatbed	

	2.7.2. Passport flatbed accessory	
	2.7.3. Feeder consumables kits	
	2.7.4. Stacking deflector accessory	
	2.8. Acoustical Noise: Scanning:	
	2.9. Barcode Reading: Codabar, Code 128, Code 3 of 9, EAN-13, EAN-8, Interleaved 2 of 5, PDF417, QR, UPC-A, UPC-E	
	2.10. Bundled Software: Smart touch	
	2.11. Dimensions & Weight	
	2.11.1. Weight (Approx.): 3.3 kg (7.2 lbs.) Depth: 204 mm (8.0 in.), not including input tray and output tray	
	2.11.2. Width (Approx.): 312 mm (12.3 in.) Height: 182.5 mm (7.2 in.), not including input tray	
	2.11.3. Depth with Input Tray (Approx.): 269 mm (10.6 in.)	
	2.11.4. Height with Input Tray (Approx.): 231.6 mm (9.1 in.)	
	2.12. Electrical Requirements: 100-240 V	
	2.13. File Format Outputs: BMP, JPEG, Single-page TIFF, Microsoft Excel, Microsoft Word, Multipage TIFF, PDF, Text searchable PDF, PNG, RTF	
	2.14. Image Output Resolution Options: Up to 1200 dp	
	2.15. Operating System Compatibility: WINDOWS 10 (32- and 64-bit), WINDOWS 11 (64 bit), WINDOWS Server 2019, WINDOWS Server 2022, Ubuntu 18.04 64-bit, Ubuntu 20.04 64-bit	
	2.16. Operator Control Panel: 1.5 inch (38 mm) 7 segment LED	
	2.17. Paper Handling (SurePath) Features: Ultrasonic Multifeed Technology, Length Multifeed Detection	
	2.18. Power Consumption:	
	2.18.1. Running: Less than 20 watts	
	2.18.2. Standby: Less than 0.3 watts	
	2.19. Recommended Daily Volume: Up to 5,000 pages per day	
	2.20. Scanning Technology: Dual RGB LED Illumination CIS (CMOS); Grayscale output bit depth is 256 levels (8-bit); color output bit depth is 24 bits (8 x 3); color capture bit depth is 24 bits (8 x 3)	
	2.21. Delivery Location: ASTI Bldg, C.P Garcia Ave., UP Campus, Quezon City 1101	
	3. WARRANTY	
	3.1. Upon delivery of the laptops, the supplier must respond to product-related inquiries and/or requests submitted by DOST-ASTI within seven (7) calendar days from product delivery.	
	3.2. 3.1. The warranty period must cover at least one (1) year of hardware service for parts and labor with onsite service after remote diagnosis.	
	3.3. 3.2. Replacement units should be provided for defective units, fifteen (15) days upon receipt	

		of notice from End-users / DOST-ASTI Property and Supply Section.	
		3.4. 3.3. Defective units may be defined as units not working upon testing or units that have failed to work after testing within seven (7) calendar days from purchase.	
		4. PAYMENT AND DELIVERY TERMS	
		4.1. Must be delivered within sixty (60) calendar days upon issuance of NTP to DOST-ASTI Building, CP Garcia Ave., UP Campus, Diliman, Quezon City.	
		4.2. Full payment will only be processed once completely delivered, inspected, and accepted by the end-user.	
		4.3. Price must be inclusive of government taxes and other charges.	
Section VII. Technical Specifications, Page 34-36	FROM:		
	LOT NO.	SPECIFICATION	STATEMENT OF COMPLIANCE
	7	DOT MATRIX PRINTER	
		2. TECHNICAL SPECIFICATIONS	
		2.1. Print Method: Impact dot matrix	
		2.2. Number of Pins in Head: 9 pins	
		2.3. Printing Columns: 80	
		2.4. Weight: At least 4kg	
		2.5. Dimension:	
		2.5.1. Length: At least 355.6mm (14") – 330.2mm (13") exclude knob	
		2.5.2. Width: At least 254mm (10")	
		2.5.3. Height: At least 152.4mm (6")	
		2.6. Print Speed:	
		2.6.1. High Speed Draft: 347 / 357 / 390 cps	
		2.6.2. High Speed Draft Condensed: 383 / 298 cps	
		2.6.3. Draft: 260 / 312 / 223 cps	
		2.6.4. Draft Condensed: 222 / 260 cps	
		2.6.5. Draft Emphasized: 130 cps	
		2.6.6. NLQ: 65 / 78 / 55 / 47 / 56 cps	
		2.7. Print Characteristics:	
		2.7.1. Character Sets: Italic table, PC437 (US Standard Europe), PC850 (Multilingual), PC860 (Portugese), PC861 (Icelandic), PC863 (Canadian French), PC865 (Nordic), Abicomp, BRASCII, Roman 8, ISO Latin 1, PC 858, ISO 8859-15	
		2.7.2. Barcode Fonts: EAN-13, EAN-8, Interleaved 2 of 5, UPC-A, UPC-E, Code 39, Code 128, Postnet	
		2.8. Paper Handling	
		2.8.1. Paper Path:	
		2.8.1.1. Tractor: Rear in, Top out	
		2.8.1.2. Manual Insertion: Rear in, Top out	
		2.8.2. Paper Size (Length x Width x Thickness):	

		2.8.2.1. Cut Sheet (Single Sheet): Approx. 100 ~ 364mm x 100 ~ 257mm x 0.065 ~ 0.14mm	
		2.8.2.2. Cut Sheet (Multi Part): Approx. 100 ~ 364mm x 100 ~ 257mm x 0.12 ~ 0.39mm	
		2.8.2.3. Envelope (No.6): Approx. 92mm x 165mm x 0.16 ~ 0.52mm	
		2.8.2.4. Envelope (No.10): Approx. 105mm x 241mm x 0.16 ~ 0.52mm	
		2.8.2.5. Continuous Paper: Approx. 101.6 ~ 558.8mm x 101.6 ~ 254.0mm x 0.065 ~ 0.39mm	
		2.8.3. Paper Feeding	
		2.8.3.1. Standard: Friction, push tractor	
		2.8.3.2. Optional: Roll paper holder	
		2.8.4. Copies: Original + 4 copies	
		2.8.5. Line Spacing: Approx. 4.23mm (1/6") or programmable in increments of 0.118mm (1/216")	
		2.8.6. Input Data Buffer: 128KB	
		2.8.7. Ribbon Cartridge	
		2.8.7.1. Standard: Fabric Ribbon Cartridge (Black)	
		2.8.7.1.1. Ribbon Life: Approx. 4.0 million characters (Draft 10 cpi, 14 dots/character)	
		2.8.8. Acoustic Noise: Approx. 53 dB(A) (ISO 7779 pattern)	
		2.9. Reliability	
		2.9.1. Print Head Life: Approx. 400 million strokes/wire	
		2.10. Control Panel: 4 switches and 5 LEDs	
		2.11. Electrical Specification	
		2.11.1. Rated Voltage: AC 220 - 240V	
		2.11.2. Rated Frequency: 50Hz ~ 60Hz	
		2.11.3. Power Consumption	
		2.11.3.1. Operating: Approx. 27W (ISO/IEC 10561 Letter pattern)	
		2.11.3.2. Sleep Mode: Approx. 1.1W	
		2.11.3.3. Power Off: 0W	
		2.11.3.4. Auto Off Mode: Approx. 0.3W	
		2.12. Printer Driver / Utility	
		2.12.1. Operating System: Microsoft Windows® XP / Vista / 7 / 8 / 8.1 / 10 / 11	
		2.12.2. Utility: Microsoft Windows® XP / Vista / 7 / 8 / 8.1 / 10 / 11	
		3. WARRANTY	

	3.1. Upon delivery of the laptops, the supplier must respond to product-related inquiries and/or requests submitted by DOST-ASTI within seven (7) calendar days from product delivery.	
	3.2. The warranty period must cover at least one (1) year of hardware service for parts and labor with onsite service after remote diagnosis.	
	3.3. Replacement units should be provided for defective units, fifteen (15) days upon receipt of notice from End-users / DOST-ASTI Property and Supply Section.	
	3.4. Defective units may be defined as units not working upon testing or units that have failed to work after testing within seven (7) calendar days from purchase.	
	4. PAYMENT AND DELIVERY TERMS	
	4.1. Must be delivered within sixty (60) calendar days upon issuance of NTP to DOST-ASTI Building, CP Garcia Ave., UP Campus, Diliman, Quezon City.	
	4.2. Full payment will only be processed once completely delivered, inspected, and accepted by the end-user.	
TO:		
LOT NO.	SPECIFICATION	STATEMENT OF COMPLIANCE
7	DOT MATRIX PRINTER	
	2. TECHNICAL SPECIFICATIONS	
	2.1. Print Method: Impact dot matrix	
	2.2. Number of Pins in Head: 9 pins	
	2.3. Printing Columns: 80	
	2.4. Weight: At least 4kg	
	2.5. Dimension:	
	2.5.1. Length: At least 355.6mm (14") – 330.2mm (13") exclude knob	
	2.5.2. Width: At least 254mm (10")	
	2.5.3. Height: At least 152.4mm (6")	
	2.6. Print Speed:	
	2.6.1. High Speed Draft: 347 / 357 / 390 cps	
	2.6.2. High Speed Draft Condensed: 383 / 298 cps	
	2.6.3. Draft: 260 / 312 / 223 cps	
	2.6.4. Draft Condensed: 222 / 260 cps	
	2.6.5. Draft Emphasized: 130 cps	
	2.6.6. NLQ: 65 / 78 / 55 / 47 / 56 cps	
	2.7. Print Characteristics:	
	2.7.1. Character Sets: Italic table, PC437 (US Standard Europe), PC850 (Multilingual), PC860 (Portugese), PC861 (Icelandic), PC863 (Canadian French), PC865 (Nordic), Abicomp, BRASCII, Roman 8, ISO Latin 1, PC 858, ISO 8859-15	

	2.7.2. Barcode Fonts: EAN-13, EAN-8, Interleaved 2 of 5, UPC-A, UPC-E, Code 39, Code 128, Postnet	
	2.8. Paper Handling	
	2.8.1. Paper Path:	
	2.8.1.1. Tractor: Rear in, Top out	
	2.8.1.2. Manual Insertion: Rear in, Top out	
	2.8.2. Paper Size (Length x Width x Thickness):	
	2.8.2.1. Cut Sheet (Single Sheet): Approx. 100 ~ 364mm x 100 ~ 257mm x 0.065 ~ 0.14mm	
	2.8.2.2. Cut Sheet (Multi Part): Approx. 100 ~ 364mm x 100 ~ 257mm x 0.12 ~ 0.39mm	
	2.8.2.3. Envelope (No.6): Approx. 92mm x 165mm x 0.16 ~ 0.52mm	
	2.8.2.4. Envelope (No.10): Approx. 105mm x 241mm x 0.16 ~ 0.52mm	
	2.8.2.5. Continuous Paper: Approx. 101.6 ~ 558.8mm x 101.6 ~ 254.0mm x 0.065 ~ 0.39mm	
	2.8.3. Paper Feeding	
	2.8.3.1. Standard: Friction, push tractor	
	2.8.3.2. Optional: Roll paper holder	
	2.8.4. Copies: Original + 4 copies	
	2.8.5. Line Spacing: Approx. 4.23mm (1/6") or programmable in increments of 0.118mm (1/216")	
	2.8.6. Input Data Buffer: 128KB	
	2.8.7. Ribbon Cartridge	
	2.8.7.1. Standard: Fabric Ribbon Cartridge (Black)	
	2.8.7.1.1. Ribbon Life: Approx. 4.0 million characters (Draft 10 cpi, 14 dots/character)	
	2.8.8. Acoustic Noise: Approx. 53 dB(A) (ISO 7779 pattern)	
	2.9. Reliability	
	2.9.1. Print Head Life: Approx. 400 million strokes/wire	
	2.10. Control Panel: 4 switches and 5 LEDs	
	2.11. Electrical Specification	
	2.11.1. Rated Voltage: AC 220 - 240V	
	2.11.2. Rated Frequency: 50Hz ~ 60Hz	
	2.11.3. Power Consumption	
	2.11.3.1. Operating: Approx. 27W (ISO/IEC 10561 Letter pattern)	
	2.11.3.2. Sleep Mode: Approx. 1.1W	
	2.11.3.3. Power Off: 0W	

		2.11.3.4. Auto Off Mode: Approx. 0.3W	
		2.12. Printer Driver / Utility	
		2.12.1. Operating System: Microsoft Windows® XP / Vista / 7 / 8 / 8.1 / 10 / 11	
		2.12.2. Utility: Microsoft Windows® XP / Vista / 7 / 8 / 8.1 / 10 / 11	
		2.13. Delivery Location: ASTI Bldg, C.P Garcia Ave., UP Campus, Quezon City 1101	
		3. WARRANTY	
		3.1. Upon delivery of the laptops, the supplier must respond to product-related inquiries and/or requests submitted by DOST-ASTI within seven (7) calendar days from product delivery.	
		3.2. 3.1. The warranty period must cover at least one (1) year of hardware service for parts and labor with onsite service after remote diagnosis.	
		3.3. 3.2. Replacement units should be provided for defective units, fifteen (15) days upon receipt of notice from End-users / DOST-ASTI Property and Supply Section.	
		3.4. 3.3. Defective units may be defined as units not working upon testing or units that have failed to work after testing within seven (7) calendar days from purchase.	
		4. PAYMENT AND DELIVERY TERMS	
		4.1. Must be delivered within sixty (60) calendar days upon issuance of NTP. to DOST-ASTI Building, CP Garcia Ave., UP Campus, Diliman, Quezon City.	
		4.2. Full payment will only be processed once completely delivered, inspected, and accepted by the end-user.	
		4.3. Price must be inclusive of government taxes and other charges.	
Section VII. Technical Specifications, Page 36	FROM:		
	LOT NO.	SPECIFICATION	STATEMENT OF COMPLIANCE
	8	BINDING AND PUNCHING MACHINE	
		2. TECHNICAL SPECIFICATIONS	
		2.1. Equipped with two (2) hand lever system for punching and binding	
		2.2. 330mm (min.) punching width and adjustable to any format, diameter, gauge and comb binder control	
		2.3. Individual adjustable punching dies with variable margin depth	
		2.4. Manual Binding Capacity (Min.): 425 sheets of paper (80gsm)	
		2.5. Punching Capacity: At least 15 sheets of paper (80gsm)	
		2.6. With operation's manual (English translation)	
		2.7. Brand shall be engraved/embossed/printed/permanent stickered on the item.	

	TO:		
	LOT NO.	SPECIFICATION	STATEMENT OF COMPLIANCE
	8	BINDING AND PUNCHING MACHINE	
		2. TECHNICAL SPECIFICATIONS	
		2.1. Equipped with two (2) hand lever system for punching and binding	
		2.2. 330mm (min.) punching width and adjustable to any format, diameter, gauge and comb binder control	
		2.3. Individual adjustable punching dies with variable margin depth	
		2.4. Manual Binding Capacity (Min.): 425 sheets of paper (80gsm) (70gsm)	
		2.5. Punching Capacity: At least 15 sheets of paper (80gsm)	
		2.6. With operation's manual (English translation)	
		2.7. Brand shall be engraved/ embossed/printed/permanent stickered on the item.	
		2.8. Delivery Location: EPDC Bldg., MIRDC Cmpd., General Santos Ave., Taguig City	

B. RESPONSE TO QUERIES

QUERY/ISSUE	BAC/END-USER RESPONSE/CLARIFICATION
Not Applicable	Not Applicable

ADDITIONAL INSTRUCTION/S: Prospective bidder/s are required to: 1) amend the form to update existing information or 2) submit a copy of supplemental bulletin with statement of compliance or signature of authorized representative. **Non-compliance with this requirement shall be grounds for disqualification.**

Please be guided accordingly.

Prepared by:

KATHERINE B. RAMOS
Head, BAC Secretariat

Approved by:

JEFFREY A. ABOROT
Chairperson, BAC