

SUPPLEMENTAL/BID BULLETIN NO. 2025-08

This Supplemental/Bid Bulletin No. 2025-08 is issued to ***modify or amend portion*** of the bidding documents relative to the conduct of public bidding for the invitation to Bid No. 2025-008 re: Provision of Various Industrial Machinery and Equipment for the Shared Service Facilities in the Province of Cagayan which was posted at the Philippine Government Electronic Procurement System (PhilGEPS), Procuring Entity's website, DTI Region 2 Facebook page, and conspicuous places. The amendment shall form an integral part of the bidding documents.

FROM					TO				
SECTION III: BID DATA SHEET ITB Clause 5.3 For this purpose, "similar contracts" to the Project shall refer to: a. Contracts involving the supply, delivery and installation of various food processing equipment, including but not limited to: • "Embroidery Machine with Accessories and Embroidery Software" • "Buttonhole Sewing Machine" • "Overlock Sewing Machine" • "Single Needle Lockstitch Sewing Machine" • "Piping Sewing Machine" • "Spindle/Stripping Machine" • "Pedal / Motor- Powered Twining Machine" • "Heavy-Duty Sewing Machine" • Other functionally similar industrial machinery and equipment whether undertaken in private and/or government sector; and b. Completed within five (5) years prior to the deadline for the submission and receipt of bids.					SECTION III: BID DATA SHEET ITB Clause 5.3 For this purpose, "similar contracts" to the Project shall refer to: a. Contracts involving the supply, delivery and installation of various <u>industrial machinery and equipment</u> , including but not limited to: • "Embroidery Machine with Accessories and Embroidery Software" • "Buttonhole Sewing Machine" • "Overlock Sewing Machine" • "Single Needle Lockstitch Sewing Machine" • "Piping Sewing Machine" • "Spindle/Stripping Machine" • "Pedal / Motor- Powered Twining Machine" • "Heavy-Duty Sewing Machine" • Other functionally similar industrial machinery and equipment whether undertaken in private and/or government sector; and b. Completed within five (5) years prior to the deadline for the submission and receipt of bids.				
SECTION VI: SCHEDULE OF REQUIREMENTS					SECTION VI: SCHEDULE OF REQUIREMENTS				
Lot No.	Description	Quantity	Total	Delivered, Weeks/Months	Lot No.	Description	Quantity	Total	Delivered, Weeks/Months
1	CUSTOM APPAREL AND EMBROIDERY SERVICE FACILITY OF CSU - CARIG CAMPUS			Within forty-five (45) calendar days from receipt of Notice to Proceed at	1	CUSTOM APPAREL AND EMBROIDERY SERVICE FACILITY OF CSU - CARIG CAMPUS			Within sixty (60) calendar days from receipt of Notice to Proceed at

	One (1) Unit of Embroidery Machine with Accessories and Embroidery Software	1	1	<i>Cagayan State University – Carig Campus, Tuguegarao City, Cagayan</i>		One (1) Unit of Embroidery Machine with Accessories and Embroidery Software	1	1	<i>Cagayan State University – Carig Campus, Tuguegarao City, Cagayan</i>
	Two (2) Units of Buttonhole Sewing Machine	2	2			Two (2) Units of Buttonhole Sewing Machine	2	2	
	Two (2) Units of Overlock Sewing Machine	2	2			Two (2) Units of Overlock Sewing Machine	2	2	
	Two (2) Units of Button Sewing Machine	2	2			Two (2) Units of Button Sewing Machine	2	2	
	Five (5) Units of Single Needle Lockstitch Sewing Machine	5	5			Five (5) Units of Single Needle Lockstitch Sewing Machine	5	5	
	Four (4) Units of Piping Sewing Machine	4	4			Four (4) Units of Piping Sewing Machine	4	4	
2	UPGRADING OF GARMENT MANUFACTURING FACILITY FOR LGU ENRILE, CAGAYAN			<i>Within forty-five (45) calendar days from receipt of Notice to Proceed at LGU Enrile, Cagayan</i>		UPGRADING OF GARMENT MANUFACTURING FACILITY FOR LGU ENRILE, CAGAYAN			<i>Within sixty (60) calendar days from receipt of Notice to Proceed at LGU Enrile, Cagayan</i>
	One (1) Unit of Embroidery Machine with Accessories and Embroidery Software	1	1			One (1) Unit of Embroidery Machine with Accessories and Embroidery Software	1	1	
	One (1) Unit of Buttonhole Sewing Machine	1	1			One (1) Unit of Buttonhole Sewing Machine	1	1	
	Two (2) Units of Button Sewing Machine	2	2			Two (2) Units of Button Sewing Machine	2	2	
3	ABACA PROCESSING FACILITY OF LGU CLAVERIA			<i>Within forty-five (45) calendar days from receipt of Notice to Proceed at LGU Claveria, Cagayan</i>		ABACA PROCESSING FACILITY OF LGU CLAVERIA			<i>Within sixty (60) calendar days from receipt of Notice to Proceed at LGU Claveria, Cagayan</i>
	Four (4) Units Spindle/Stripping Machine	4	4			Four (4) Units Spindle/Stripping Machine	4	4	
	Two (2) Units Pedal / Motor-Powered Twining Machine	2	2			Two (2) Units Pedal / Motor-Powered Twining Machine	2	2	
	Two (2) Units Heavy-Duty Sewing Machines	2	2			Two (2) Units Heavy-Duty Sewing Machines	2	2	

SECTION VII: TECHNICAL SPECIFICATIONS

Item/Lot No.	Specification
1	CUSTOM APPAREL AND EMBROIDERY SERVICE FACILITY OF CSU - CARIG CAMPUS <u>One (1) Unit of Embroidery Machine with Accessories and Embroidery Software</u> Specifications: - Head Configuration: 4 independent heads for simultaneous multi-piece embroidery - No. of Needles: 9-15 per head - Dimension: 2,500 mm x 1,300mm x 1,780 mm (L*W*H) or manufacturer's standard - Max. Embroidery Area: 450 mm * 400 mm (L*W) - Display: min. of 264.16 mm (10.4 in) HD LCD or better Touch Screen Panel with real-time stitching display; includes function keys (Menu, Speed, Help, Setting, Clear, ESC, Enter) numeric keys for needle selection, frame movement keys, manual trimming and color change functions, embroidery status and method display, and dot key for 100° return. - Operating System: Embroidery OS - Max. Speed: 1,000 sti/min (Adjustable) - Cap System: 270° wide cap frame unit - Input: Wired, Wireless or USB data transfer options - Memory: 50 Million stitches or 200 designs - Power Requirement: Single-Phase, 220V/50Hz - Main Motor: Servo Motor, 150 W - Supported File Formats: * Embroidery Design File Formats: - .PES, .PHC, .PHX, .DST, .EXP, .EMB

SECTION VII: TECHNICAL SPECIFICATIONS

Item/Lot No.	Specification
1	CUSTOM APPAREL AND EMBROIDERY SERVICE FACILITY OF CSU - CARIG CAMPUS <u>One (1) Unit of Embroidery Machine with Accessories and Embroidery Software</u> Specifications: - Head Configuration: 4 independent heads for simultaneous multi-piece embroidery - No. of Needles: 9-15 per head - Dimension: 2,500 mm x 1,300mm x 1,780 mm (L*W*H) or manufacturer's standard - Max. Embroidery Area: 450 mm * 400 mm (L*W) - Display: min. of 264.16 mm (10.4 in) HD LCD or better Touch Screen Panel with real-time stitching display; includes function keys (Menu, Speed, Help, Setting, Clear, ESC, Enter) numeric keys for needle selection, frame movement keys, manual trimming and color change functions, embroidery status and method display, and dot key for 100° return. - Operating System: Embroidery OS - Max. Speed: 1,000 sti/min (Adjustable) - Cap System: 270° wide cap frame unit - Input: Wired, Wireless or USB data transfer options - Memory: 50 Million stitches or 200 designs - Power Requirement: Single-Phase, 220V/60Hz - Main Motor: Servo Motor, 150 W - Supported File Formats: * Embroidery Design File Formats: - .PES, .PHC, .PHX, .DST, .EXP, .EMB

	* Graphic file formats: - .PSD, .AI, .SVG, .JPEG, .PNG, .BMP, .PDF, .TIF - Types of Compatible Fabric: Cotton, Linen, Polyester, Denim, Twill, Canvas - Inclusions: • 1-unit of Licensed Embroidery Installation Software • Frames & Hoops: 8 sets of front hoops of 90 mm 8 sets of front hoops of 120 mm 8 sets of front hoops of 150 mm 8 sets of front hoops of 200 mm 8 sets of back hoops for 290 mm x 290 mm (Adjustable) 1 Sash Frame for flat embroidery • Computer Desktop Total No. of Cores: minimum of 8 cores Total No. of Threads: minimum of 16 threads Operating System: Windows 11 Pro 64-bit (Licensed and ready to use) RAM: 16 GB DDR4 Storage: 1 TB SSD Graphics: NVIDIA 6GB Dedicated Graphics Display Type: 256.54 mm (10.1 in) HD LCD full-color touchscreen or better Display Functions: On-screen design editing, preview, and stitch simulation Connectivity: Wi-Fi (wireless design transfer and mobile monitoring via Stitch Monitoring App) USB Port (for importing/exporting designs) Computer connection port (for direct PC link) Internal Memory: Up to 1 million stitches per design /up to 500 designs On-Screen Editing Tools: Resize, rotate (0.1° increments), mirror image, text editing, and color sorting Built-in Tutorials: Step-by-step video guides and animations for threading, setup, and maintenance Preview Features: Real-time stitch and color preview before embroidery starts Additional Functions: Design combining, color grouping, and background scanning with camera assist With built-in licensed editing software (1-year validity) * Canva; Adobe Photoshop CC 2024; and Wilcom Embroidery Studio E4.5 Designing Software With Licensed MS Office 2021 Professional Plus or higher (pre-installed and ready to use) With Keyboard, Wired Mouse, UPS, and Standard Cables • Standee / table top designed for the machine - Features: * With automatic thread trimmer * With automatic color change * With thread break detection * Pre-sew design trace capable * With start, stop, and emergency stop * Suitable for cap embroidery and finished garments embroidery like T-shirt	
	* Graphic file formats: - .PSD, .AI, .SVG, .JPEG, .PNG, .BMP, .PDF, .TIF - Types of Compatible Fabric: Cotton, Linen, Polyester, Denim, Twill, Canvas - Inclusions: • 1-unit of Licensed Embroidery Installation Software • Frames & Hoops: 8 sets of front hoops of 90 mm 8 sets of front hoops of 120 mm 8 sets of front hoops of 150 mm 8 sets of front hoops of 200 mm 8 sets of back hoops for 290 mm x 290 mm (Adjustable) 1 Sash Frame for flat embroidery • Computer Desktop Total No. of Cores: minimum of 8 cores Total No. of Threads: minimum of 16 threads Operating System: Windows 11 Pro 64-bit (Licensed and ready to use) RAM: 16 GB DDR4 Storage: 1 TB SSD Graphics: NVIDIA 6GB Dedicated Graphics Display Type: 256.54 mm (10.1 in) HD LCD full-color <u>screen</u> or better Display Functions: On-screen design editing, preview, and stitch simulation Connectivity: Wi-Fi (wireless design transfer and mobile monitoring via Stitch Monitoring App) USB Port (for importing/exporting designs) Computer connection port (for direct PC link) Internal Memory: Up to 1 million stitches per design /up to 500 designs On-Screen Editing Tools: Resize, rotate (0.1° increments), mirror image, text editing, and color sorting Built-in Tutorials: Step-by-step video guides and animations for threading, setup, and maintenance Preview Features: Real-time stitch and color preview before embroidery starts Additional Functions: Design combining, color grouping, and background scanning with camera assist With built-in licensed editing software (1-year validity) * Canva; Adobe Photoshop CC 2024; and Wilcom Embroidery Studio E4.5 Designing Software With Licensed MS Office 2021 Professional Plus or higher (pre-installed and ready to use) With Keyboard, Wired Mouse, UPS, and Standard Cables • Standee / table top designed for the machine - Features: * With automatic thread trimmer * With automatic color change * With thread break detection * Pre-sew design trace capable * With start, stop, and emergency stop * Suitable for cap embroidery and finished garments embroidery like T-shirt	

	* Could paint any color according to customer's requirements - Accessories: * The machine shall be supplied with a complete tool kit, including but not limited to the following: - 2 units Flat and Phillips Screwdrivers - 2 units Allen Wrenches (Hex Keys) - 2 units Metal Tweezers - 2 pairs Small & Sharp Scissors - 2 bottles Oil / Lubricant - 2 units Cleaning Brush - 2 packs Spare Needles - 2 sets Bobbin Case and Spare Bobbins - 2 units Seam Ripper - 2 units Needle Plate Removal Tool - 2 units 16 GB USB Drive - 2 sets Power Cord & Standard Cables - 2 units Stylus / Touch Pen - Materials for the Demonstration/Training a. Thread (for Embroidery Machine): Length: 5,000 meters per spool Color: As required by the sample design (e.g., red, blue, yellow, white, black, gold) Quantity: 1 spool per color Material: 100% Polyester b. Bobbin Thread: Length: 10,000 meters per cone Color: White or Black Quantity: 2 cones Material: 100% Polyester <u>Two (2) Units of Buttonhole Sewing Machine</u> - Max. Sewing Speed: 3,600 sti/min - Needle Bar Stroke: 34.6 mm - Lift of the work clamp: Max. 12 mm - Max. thickness of material that can be used: 4 mm - Number of stitches: 54 - 345 (by gear-change method) - Buttonhole length: 6.4 mm - 38.1 mm - Hook: DP type, automatic-lubricating full-rotary hook - Deceleration method: Belt-shifting method - Lubrication: Automatic - Needle: DP×5 #11J - Dimension: 1,200 mm * 600 mm x 1,200 mm (L*W*H) or manufacturer's standard - Motor : 400W – 750W (0.5 – 1 HP) - Power Supply: 220V AC, Single Phase, 50/60 Hz - Types of Compatible Fabric: Cotton, Linen, Polyester, Denim, Twill, Canvas - Inclusion: Standee / table top designed for the machine Materials for the Demonstration/Training: a. Thread (for Buttonhole Sewing Machine): Length: 3,000 to 5,000 meters per spool Color: Match with fabric color (e.g., white, black, navy blue, beige) Quantity: 1 spool per color Material: 100% Polyester Core-Spun Thread b. Bobbin Thread: Length: 10,000 meters per cone Color: Same as upper thread or neutral (white or black)		* Could paint any color according to customer's requirements - Accessories: * The machine shall be supplied with a complete tool kit, including but not limited to the following: - 2 units Flat and Phillips Screwdrivers - 2 units Allen Wrenches (Hex Keys) - 2 units Metal Tweezers - 2 pairs Small & Sharp Scissors - 2 bottles Oil / Lubricant - 2 units Cleaning Brush - 2 packs Spare Needles - 2 sets Bobbin Case and Spare Bobbins - 2 units Seam Ripper - 2 units Needle Plate Removal Tool - 2 units 16 GB USB Drive - 2 sets Power Cord & Standard Cables - 2 units Stylus / Touch Pen - Materials for the Demonstration/Training a. Thread (for Embroidery Machine): Length: 5,000 meters per spool Color: As required by the sample design (e.g., red, blue, yellow, white, black, gold) Quantity: 1 spool per color Material: 100% Polyester b. Bobbin Thread: Length: 10,000 meters per cone Color: White or Black Quantity: 2 cones Material: 100% Polyester <u>Two (2) Units of Buttonhole Sewing Machine</u> - Max. Sewing Speed: 3,600 sti/min - Needle Bar Stroke: 34.6 mm - Lift of the work clamp: Max. 12 mm - Max. thickness of material that can be used: 4 mm - Number of stitches: 54 - 345 (by gear-change method) - Buttonhole length: 6.4 mm - 38.1 mm - Hook: DP type, automatic-lubricating full-rotary hook - Deceleration method: Belt-shifting method - Lubrication: Automatic - Needle: DP×5 #11J - Dimension: 1,200 mm * 600 mm x 1,200 mm (L*W*H) or manufacturer's standard - <u>Servo Motor</u> : 400W – 750W (0.5 – 1 HP) - Power Supply: 220V AC, Single Phase, <u>60 Hz</u> - Types of Compatible Fabric: Cotton, Linen, Polyester, Denim, Twill, Canvas - Inclusion: Standee / table top designed for the machine - <u>Inclusions: 1-unit LED Light (30 bulbs, 110V/220v, 60Hz, 5-6W)</u> Materials for the Demonstration/Training: c. Thread (for Buttonhole Sewing Machine): Length: 3,000 to 5,000 meters per spool Color: Match with fabric color (e.g., white, black, navy blue, beige) Quantity: 1 spool per color Material: 100% Polyester Core-Spun Thread d. Bobbin Thread: Length: 10,000 meters per cone Color: Same as upper thread or neutral (white or black) Quantity: 2 cones
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Quantity: 2 cones Material: 100% Polyester <u>Two (2) Units of Overlock Sewing Machine</u> - Stitch type: 1-needle or 2-needle Overlock - Max. Sewing Speed: 7,000 sti/min - Stitch Length: 0.6 mm - 4.5 mm - Needle Gauge: 2.0 mm, 5 mm - Overedging width: 1.6 mm, 2.0 mm, 3.2 mm, 4.0 mm, 4.8 mm - Differential feed ratio: For gathering - 1:2 (Max. 1:4), For stretching - 1:0.7 (Max. 1:0.6) - Needle bar stroke: 24.5 mm - Inclination angle of the needle: 20° - Needle bar bushing: Lower bushing method - Needle: DC×27 #11 (75), #14 (90) - Max. Lift of the Presser Foot: 7mm - Max. Presser Foot Pressure: 63.7N (6.5kgf) - Stitch Adjusting Method: By push-button - Differential-feed Adjusting Method: By lever - Lubrication: Automatic - Motor : 400W – 750W (0.5 – 1 HP) - Power Supply: 220V AC, Single Phase, 50/60 Hz - Types of Compatible Fabric: Cotton, Linen, Polyester, Denim, Twill, Canvas - Dimension: 615 mm * 400 mm * 600 mm (L*W*H) or manufacturer's standard - Inclusion/s: • Standee / table top designed for the machine • Tool Kit: Needle Cooler, Needle thread heat remover, Micro-lifter - Materials for the demonstration/ training: a. Thread (for Overlock Sewing Machine): Length: 5,000 - 6,000 meters per cone Color: Match with fabric color (e.g., white, black, beige, gray, navy blue) Quantity: 3 to 4 cones per color Material: 100% Polyester Overlock Thread <u>Two (2) Units of Button Sewing Machine</u> - Max. Sewing Speed: 1,500 sti/min - Number of stitches: 8,16, and 32 stitches - Needle: TQ×1(#16) #14~20 - Feed length (crosswise feed): 2.5 mm - 6.5 mm - Feed length (lengthwise feed): 0 mm - 4.5 mm - Applicable button: * Round-shaped flat button (2-holed, 4-holed) * Shank button, * Wrapped-around button, * Snap, * Label, * Metal button, * Stay button - Button Size: φ10 mm - 28 mm - Thickness of button: 1.8 mm - 3.5 mm - Needle bar stroke: 48.6mm - Lift of the Presser Foot: 9 mm - Sewing System: Single Thread Chainstitch - Lubrication: By an oiler - Dimension: 510 mm * 350 mm * 400 mm (L*W*H) or manufacturer's standard - Motor : 400W – 750W (0.5 – 1 HP) - Power Supply: 220V AC, Single Phase, 50/60 Hz - Inclusion: Standee / table top designed for the machine - Materials for the demonstration/ training:	Material: 100% Polyester <u>Two (2) Units of Overlock Sewing Machine</u> - Stitch type: 1-needle or 2-needle Overlock - Max. Sewing Speed: 7,000 sti/min - Stitch Length: 0.6 mm - 4.5 mm - Needle Gauge: 2.0 mm, 5 mm - Overedging width: 1.6 mm, 2.0 mm, 3.2 mm, 4.0 mm, 4.8 mm - Differential feed ratio: For gathering - 1:2 (Max. 1:4), For stretching - 1:0.7 (Max. 1:0.6) - Needle bar stroke: 24.5 mm - Inclination angle of the needle: 20° - Needle bar bushing: Lower bushing method - Needle: DC×27 #11 (75), #14 (90) - Max. Lift of the Presser Foot: 7mm - Max. Presser Foot Pressure: 63.7N (6.5kgf) - Stitch Adjusting Method: By push-button - Differential-feed Adjusting Method: By lever - Lubrication: Automatic - <u>Servo Motor</u> : 400W – 750W (0.5 – 1 HP) - Power Supply: 220V AC, Single Phase, <u>60 Hz</u> - Types of Compatible Fabric: Cotton, Linen, Polyester, Denim, Twill, Canvas - Dimension: 615 mm * 400 mm * 600 mm (L*W*H) or manufacturer's standard - Inclusion/s: • Standee / table top designed for the machine • <u>1-unit LED Light (30 bulbs, 110V/220v, 60Hz, 5-6W)</u> • Tool Kit: Needle Cooler, Needle thread heat remover, Micro-lifter - Materials for the demonstration/ training: a. Thread (for Overlock Sewing Machine): Length: 5,000 - 6,000 meters per cone Color: Match with fabric color (e.g., white, black, beige, gray, navy blue) Quantity: 3 to 4 cones per color Material: 100% Polyester Overlock Thread <u>Two (2) Units of Button Sewing Machine</u> - Max. Sewing Speed: 1,500 sti/min - Number of stitches: 8,16, and 32 stitches - Needle: TQ×1(#16) #14~20 - Feed length (crosswise feed): 2.5 mm - 6.5 mm - Feed length (lengthwise feed): 0 mm - 4.5 mm - Applicable button: * Round-shaped flat button (2-holed, 4-holed) * Shank button, * Wrapped-around button, * Snap, * Label, * Metal button, * Stay button - Button Size: φ10 mm - 28 mm - Thickness of button: 1.8 mm - 3.5 mm - Needle bar stroke: 48.6mm - Lift of the Presser Foot: 9 mm - Sewing System: Single Thread Chainstitch - Lubrication: By an oiler - Dimension: 510 mm * 350 mm * 400 mm (L*W*H) or manufacturer's standard - <u>Servo Motor</u> : 400W – 750W (0.5 – 1 HP) - Power Supply: 220V AC, Single Phase, <u>60 Hz</u> - Inclusion: • Standee / table top designed for the machine
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- a. Thread (for Button Sewing Machine):
Length: Standard cone – 3,000 - 5,000 meters per spool
Color: Match with fabric or button color
(e.g., white, black, navy blue, beige)
Quantity: 1 spool per color
Material: 100% Polyester Core-Spun Thread

- b. Bobbin Thread:
Length: 10,000 meters per cone
Color: Same as top thread or neutral (white or black)
Quantity: 2 cones
Material: 100% Polyester

Five (5) Units of Single Needle Lockstitch Sewing Machine

- Application: Light to Medium weight
- Lubrication: Oil Shielding System
- Max. Sewing Speed: 5,500 sti/min
- Max. Stitch Length: 5 mm
- Presser Foot: By hand: 5.5 mm, By knee: 13 mm
- Needle: DB x 1 (#14) #14-#18
- Needle Bar Stroke: 30.7 mm
- Motor : 400W – 750W (0.5 – 1 HP)
- Power Supply: 220V AC, Single Phase, 50/60 Hz
- Dimension: 833 mm * 278 mm * 459 mm (L*W*H) or manufacturer's standard
- Types of Compatible Fabric: Cotton, Linen, Polyester, Denim, Twill, Canvas
- Inclusion: Standee / table top designed for the machine
- Materials for the demonstration/ training:
 - a. Thread (for Lockstitch Sewing Machine):
Length: 5,000 meters per spool
Color: Match with fabric color (e.g., white, black, beige, navy blue)
Quantity per Color: 1 spool per color
Material: 100% Polyester Core-Spun Thread
 - b. Bobbin Thread:
Length: 10,000 meters per cone
Color: Same as top thread or neutral (white or black)
Quantity: 2 cones
Material: 100% Polyester

Four (4) Units of Piping Sewing Machine

- Mechanical Configuration: Flat-bed
- Max. Sewing Thickness: 13 mm
- Feed Mechanism: Manual
- Dimension: 610 mm * 400 mm * 615 mm (L*W*H) or manufacturer's standard
- Max. Sewing Speed: 6,500 sti/min
- Stitch Length Adjustment: Dial
- Lubrication: Fully-automatic
- No. of Needles: 3
- Needle: UY128GAS 9-14 (standard size 10)
- No. of Threads: 5
- Needle Space/Gauge:
 - 3.2 mm (suitable for fine piping, like blouses and uniforms)
 - 4.8 mm (suitable for medium weight fabric, polo shirts)
 - 6.4 mm (suitable for uniforms, academic gowns)
- Stitch length: 1.2 mm - 4.4 mm

• 1-unit LED Light (30 bulbs, 110V/220v, 60Hz, 5-6W)

- Materials for the demonstration/ training:

- a. Thread (for Button Sewing Machine):
Length: Standard cone – 3,000 - 5,000 meters per spool
Color: Match with fabric or button color
(e.g., white, black, navy blue, beige)
Quantity: 1 spool per color
Material: 100% Polyester Core-Spun Thread

- b. Bobbin Thread:
Length: 10,000 meters per cone
Color: Same as top thread or neutral (white or black)
Quantity: 2 cones
Material: 100% Polyester

Five (5) Units of Single Needle Lockstitch Sewing Machine

- Application: Light to Medium weight
- Lubrication: Oil Shielding System
- Max. Sewing Speed: 5,500 sti/min
- Max. Stitch Length: 5 mm
- Presser Foot: By hand: 5.5 mm, By knee: 13 mm
- Needle: **DB x 1 (#9) #9-#21**
- Needle Bar Stroke: 30.7 mm
- **Servo Motor** : 400W – 750W (0.5 – 1 HP)
- Power Supply: 220V AC, Single Phase, **60 Hz**
- Dimension: 833 mm * 278 mm * 459 mm (L*W*H) or manufacturer's standard
- Types of Compatible Fabric: Cotton, Linen, Polyester, Denim, Twill, Canvas
- Inclusions:
 - Standee / table top designed for the machine
 - **1-unit LED Light (30 bulbs, 110V/220v, 60Hz, 5-6W)**
- Materials for the demonstration/ training:
 - a. Thread (for Lockstitch Sewing Machine): Length: 5,000 meters per spool
Color: Match with fabric color (e.g., white, black, beige, navy blue)
Quantity per Color: 1 spool per color
Material: 100% Polyester Core-Spun Thread
 - b. Bobbin Thread:
Length: 10,000 meters per cone
Color: Same as top thread or neutral (white or black)
Quantity: 2 cones
Material: 100% Polyester

Four (4) Units of Piping Sewing Machine

- Mechanical Configuration: Flat-bed
- Max. Sewing Thickness: 13 mm
- Feed Mechanism: Manual
- Dimension: 610 mm * 400 mm * 615 mm (L*W*H) or manufacturer's standard
- Max. Sewing Speed: 6,500 sti/min
- Stitch Length Adjustment: Dial
- Lubrication: Fully-automatic
- No. of Needles: 3
- Needle: UY128GAS 9-14 (standard size 10)
- No. of Threads: 5
- Needle Space/Gauge:
 - 3.2 mm (suitable for fine piping, like blouses and uniforms)
 - 4.8 mm (suitable for medium weight fabric, polo shirts)
 - 6.4 mm (suitable for uniforms, academic gowns)
- Stitch length: 1.2 mm - 4.4 mm

	- Needle Bar Stroke: 31 mm - 33 mm - Pressure Foot Lift: 5 mm - Motor : 400W – 750W (0.5 – 1 HP) - Power Supply: 220V AC, Single Phase, 50/60 Hz - Types of Compatible Fabric: Cotton, Linen, Polyester, Denim, Twill, Canvas - Inclusion: Standee / table top designed for the machine - Materials for the demonstration/ training: a. Thread (for Piping Machine): Length: 5,000 meters per spool Color: Match with fabric or piping color (e.g., white, black, navy blue, beige) Quantity per Color: 1 spool per color Material: 100% Polyester Core-Spun Thread b. Bobbin Thread: Length: 10,000 meters per cone Color: Same as upper thread or neutral (white or black) Quantity: 2 cones Material: 100% Polyester		- Needle Bar Stroke: 31 mm - 33 mm - Pressure Foot Lift: 5 mm - <u>Servo Motor</u> : 400W – 750W (0.5 – 1 HP) - Power Supply: 220V AC, Single Phase, <u>60 Hz</u> - Types of Compatible Fabric: Cotton, Linen, Polyester, Denim, Twill, Canvas - Inclusion: • Standee / table top designed for the machine • <u>1-unit LED Light (30 bulbs, 110V/220v, 60Hz, 5-6W)</u> - Materials for the demonstration/ training: a. Thread (for Piping Machine): Length: 5,000 meters per spool Color: Match with fabric or piping color (e.g., white, black, navy blue, beige) Quantity per Color: 1 spool per color Material: 100% Polyester Core-Spun Thread b. Bobbin Thread: Length: 10,000 meters per cone Color: Same as upper thread or neutral (white or black) Quantity: 2 cones Material: 100% Polyester
	Conforms to the Terms and Conditions on the attached Terms of Reference <i>*Comply, sign the TOR and submit with the Bid</i>		Conforms to the Terms and Conditions on the attached Terms of Reference <i>*Comply, sign the TOR and submit with the Bid</i>
2	UPGRADING OF GARMENT MANUFACTURING FACILITY FOR LGU ENRILE, CAGAYAN <u>One (1) Unit of Embroidery Machine with Accessories and Embroidery Software</u> - Head Configuration: 4 independent heads for simultaneous multi-piece embroidery - No. of Needles: 9-15 per head - Dimension: 2,500 mm x 1,300mm x 1,780 mm (L*W*H) or manufacturer's standard - Max. Embroidery Area: 450 mm * 400 mm (L*W) - Display: min. of 264.16 mm (10.4 in) HD LCD or better Touch Screen Panel with real-time stitching display; includes function keys (Menu, Speed, Help, Setting, Clear, ESC, Enter) numeric keys for needle selection, frame movement keys, manual trimming and color change functions, embroidery status and method display, and dot key for 100° return. - Operating System: Embroidery OS - Max. Speed: 1,000 sti/min (Adjustable) - Cap System: 270° wide cap frame unit - Input: Wired, Wireless or USB data transfer options - Memory: 50 Million stitches or 200 designs - Power Requirement: Single-Phase, 220V/50Hz - Main Motor: Servo Motor, 150 W - Supported File Formats: • Embroidery Design File Formats: - .PES, .PHC, .PHX, .DST, .EXP, .EMB • Graphic file formats: - .PSD, .AI, .SVG, .JPEG, .PNG, .BMP, .PDF, .TIF - Types of Compatible Fabric: Cotton, Linen, Polyester, Denim, Twill, Canvas - Inclusions: • 1-unit of Licensed Embroidery Installation Software • Frames & Hoops:	2	UPGRADING OF GARMENT MANUFACTURING FACILITY FOR LGU ENRILE, CAGAYAN <u>One (1) Unit of Embroidery Machine with Accessories and Embroidery Software</u> - Head Configuration: 4 independent heads for simultaneous multi-piece embroidery - No. of Needles: 9-15 per head - Dimension: 2,500 mm x 1,300mm x 1,780 mm (L*W*H) or manufacturer's standard - Max. Embroidery Area: 450 mm * 400 mm (L*W) - Display: min. of 264.16 mm (10.4 in) HD LCD or better Touch Screen Panel with real-time stitching display; includes function keys (Menu, Speed, Help, Setting, Clear, ESC, Enter) numeric keys for needle selection, frame movement keys, manual trimming and color change functions, embroidery status and method display, and dot key for 100° return. - Operating System: Embroidery OS - Max. Speed: 1,000 sti/min (Adjustable) - Cap System: 270° wide cap frame unit - Input: Wired, Wireless or USB data transfer options - Memory: 50 Million stitches or 200 designs - Power Requirement: Single-Phase, 220V/<u>60Hz</u> - Main Motor: Servo Motor, 150 W - Supported File Formats: • Embroidery Design File Formats: - .PES, .PHC, .PHX, .DST, .EXP, .EMB • Graphic file formats: - .PSD, .AI, .SVG, .JPEG, .PNG, .BMP, .PDF, .TIF - Types of Compatible Fabric: Cotton, Linen, Polyester, Denim, Twill, Canvas - Inclusions: • 1-unit of Licensed Embroidery Installation Software • Frames & Hoops:

	8 sets of front hoops of 90 mm 8 sets of front hoops of 120 mm 8 sets of front hoops of 150 mm 8 sets of front hoops of 200 mm 8 sets of back hoops for 290 mm x 290 mm (Adjustable) 1 Sash Frame for flat embroidery Computer Desktop - Total No. of Cores: minimum of 8 cores - Total No. of Threads: minimum of 16 threads - Operating System: Windows 11 Pro 64-bit (Licensed and ready to use) - RAM: 16 GB DDR4 - Storage: 1 TB SSD - Graphics: NVIDIA 6GB Dedicated Graphics - Display Type: 256.54 mm (10.1 in) HD LCD full-color touchscreen or better - Display Functions: On-screen design editing, preview, and stitch simulation - Connectivity: Wi-Fi (wireless design transfer and mobile monitoring via Stitch Monitoring App) - USB Port (for importing/exporting designs) - Computer connection port (for direct PC link) - Internal Memory: Up to 1 million stitches per design/up to 500 designs - On-Screen Editing Tools: Resize, rotate (0.1° increments), mirror image, text editing, and color sorting - Built-in Tutorials: Step-by-step video guides and animations for threading, setup, and maintenance - Preview Features: Real-time stitch and color preview before embroidery starts - Additional Functions: Design combining, color grouping, and background scanning with camera assist - With built-in licensed editing software (1-year validity) • Canva; Adobe Photoshop CC 2024; and Wilcom Embroidery Studio E4.5 Designing Software - With Licensed MS Office 2021 Professional Plus or higher (pre-installed and ready to use) - With Keyboard, Wired Mouse, UPS, and Standard Cables Standee / table top designed for the machine - Features: - With automatic thread trimmer - With automatic color change - With thread break detection - Pre-sew design trace capable - With start, stop, and emergency stop - Suitable for cap embroidery and finished garments embroidery like T-shirt - Could paint any color according to customer's requirements Accessories: • The machine shall be supplied with a complete tool kit, including but not limited to the following: - 2 units Flat and Phillips Screwdrivers - 2 units Allen Wrenches (Hex Keys) - 2 units Metal Tweezers - 2 pairs Small & Sharp Scissors - 2 bottles Oil / Lubricant		8 sets of front hoops of 90 mm 8 sets of front hoops of 120 mm 8 sets of front hoops of 150 mm 8 sets of front hoops of 200 mm 8 sets of back hoops for 290 mm x 290 mm (Adjustable) 1 Sash Frame for flat embroidery Computer Desktop - Total No. of Cores: minimum of 8 cores - Total No. of Threads: minimum of 16 threads - Operating System: Windows 11 Pro 64-bit (Licensed and ready to use) - RAM: 16 GB DDR4 - Storage: 1 TB SSD - Graphics: NVIDIA 6GB Dedicated Graphics - Display Type: 256.54 mm (10.1 in) HD LCD full-color <u>screen</u> or better - Display Functions: On-screen design editing, preview, and stitch simulation - Connectivity: Wi-Fi (wireless design transfer and mobile monitoring via Stitch Monitoring App) - USB Port (for importing/exporting designs) - Computer connection port (for direct PC link) - Internal Memory: Up to 1 million stitches per design/up to 500 designs - On-Screen Editing Tools: Resize, rotate (0.1° increments), mirror image, text editing, and color sorting - Built-in Tutorials: Step-by-step video guides and animations for threading, setup, and maintenance - Preview Features: Real-time stitch and color preview before embroidery starts - Additional Functions: Design combining, color grouping, and background scanning with camera assist - With built-in licensed editing software (1-year validity) • Canva; Adobe Photoshop CC 2024; and Wilcom Embroidery Studio E4.5 Designing Software - With Licensed MS Office 2021 Professional Plus or higher (pre-installed and ready to use) - With Keyboard, Wired Mouse, UPS, and Standard Cables Standee / table top designed for the machine - Features: - With automatic thread trimmer - With automatic color change - With thread break detection - Pre-sew design trace capable - With start, stop, and emergency stop - Suitable for cap embroidery and finished garments embroidery like T-shirt - Could paint any color according to customer's requirements Accessories: • The machine shall be supplied with a complete tool kit, including but not limited to the following: - 2 units Flat and Phillips Screwdrivers - 2 units Allen Wrenches (Hex Keys) - 2 units Metal Tweezers - 2 pairs Small & Sharp Scissors - 2 bottles Oil / Lubricant
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	- 2 units Cleaning Brush - 2 packs Spare Needles - 2 sets Bobbin Case and Spare Bobbins - 2 units Seam Ripper - 2 units Needle Plate Removal Tool - 2 units 16 GB USB Drive - 2 sets Power Cord & Standard Cables - 2 units Stylus / Touch Pen - Materials for the Demonstration/Training: a. Thread (for Embroidery Machine): Length: 5,000 meters per spool Color: As required by the sample design (e.g., red, blue, yellow, white, black, gold) Quantity: 1 spool per color Material: 100% Polyester b. Bobbin Thread: Length: 10,000 meters per cone Color: White or Black Quantity: 2 cones Material: 100% Polyester <u>One (1) Unit of Buttonhole Sewing Machine</u> - Max. Sewing Speed: 3,600 sti/min - Needle Bar Stroke: 34.6 mm - Lift of the work clamp: Max. 12 mm - Max. thickness of material that can be used: 4 mm - Number of stitches: 54 - 345 (by gear-change method) - Buttonhole length: 6.4 mm - 38.1 mm - Hook: DP type, automatic-lubricating full-rotary hook - Deceleration method: Belt-shifting method - Lubrication: Automatic - Needle: DP×5 #11J - Dimension: 1,200 mm * 600 mm x 1,200 mm (L*W*H) or manufacturer's standard - Motor : 400W – 750W (0.5 – 1 HP) - Power Supply: 220V AC, Single Phase, 50/60 Hz - Types of Compatible Fabric: Cotton, Linen, Polyester, Denim, Twill, Canvas - Inclusion: Standee / table top designed for the machine - Materials for the Demonstration/Training: a. Thread (for Buttonhole Sewing Machine): Length: 3,000 to 5,000 meters per spool Color: Match with fabric color (e.g., white, black, navy blue, beige) Quantity: 1 spool per color Material: 100% Polyester Core-Spun Thread b. Bobbin Thread: Length: 10,000 meters per cone Color: Same as upper thread or neutral (white or black) Quantity: 2 cones Material: 100% Polyester <u>Two (2) Units of Button Sewing Machine</u> - Max. Sewing Speed: 1,500 sti/min - Number of stitches: 8,16, and 32 stitches - Needle: TQ×1(#16) #14~20 - Feed length (crosswise feed): 2.5 mm - 6.5 mm - Feed length (lengthwise feed): 0 mm - 4.5 mm - Applicable button: • Round-shaped flat button (2-holed, 4-holed)		- 2 units Cleaning Brush - 2 packs Spare Needles - 2 sets Bobbin Case and Spare Bobbins - 2 units Seam Ripper - 2 units Needle Plate Removal Tool - 2 units 16 GB USB Drive - 2 sets Power Cord & Standard Cables - 2 units Stylus / Touch Pen - Materials for the Demonstration/Training: - Thread (for Embroidery Machine): Length: 5,000 meters per spool Color: As required by the sample design (e.g., red, blue, yellow, white, black, gold) Quantity: 1 spool per color Material: 100% Polyester - Bobbin Thread: Length: 10,000 meters per cone Color: White or Black Quantity: 2 cones Material: 100% Polyester <u>One (1) Unit of Buttonhole Sewing Machine</u> - Max. Sewing Speed: 3,600 sti/min - Needle Bar Stroke: 34.6 mm - Lift of the work clamp: Max. 12 mm - Max. thickness of material that can be used: 4 mm - Number of stitches: 54 - 345 (by gear-change method) - Buttonhole length: 6.4 mm - 38.1 mm - Hook: DP type, automatic-lubricating full-rotary hook - Deceleration method: Belt-shifting method - Lubrication: Automatic - Needle: DP×5 #11J - Dimension: 1,200 mm * 600 mm x 1,200 mm (L*W*H) or manufacturer's standard - Motor : 400W – 750W (0.5 – 1 HP) - Power Supply: 220V AC, Single Phase, <u>60 Hz</u> - Types of Compatible Fabric: Cotton, Linen, Polyester, Denim, Twill, Canvas - Inclusion: • Standee / table top designed for the machine • <u>1-unit LED Light (30 bulbs, 110V/220v, 60Hz, 5-6W)</u> - Materials for the Demonstration/Training: - Thread (for Buttonhole Sewing Machine): a. Length: 3,000 to 5,000 meters per spool Color: Match with fabric color (e.g., white, black, navy blue, beige) Quantity: 1 spool per color Material: 100% Polyester Core-Spun Thread b. Bobbin Thread: Length: 10,000 meters per cone Color: Same as upper thread or neutral (white or black) Quantity: 2 cones Material: 100% Polyester <u>Two (2) Units of Button Sewing Machine</u> - Max. Sewing Speed: 1,500 sti/min - Number of stitches: 8,16, and 32 stitches - Needle: TQ×1(#16) #14~20 - Feed length (crosswise feed): 2.5 mm - 6.5 mm - Feed length (lengthwise feed): 0 mm - 4.5 mm - Applicable button: • Round-shaped flat button (2-holed, 4-holed)
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	- Shank button, - Wrapped-around button, - Snap, - Label, - Metal button, - Stay button - Button Size: $\phi 10$ mm - 28 mm - Thickness of button: 1.8 mm - 3.5 mm - Needle bar stroke: 48.6mm - Lift of the Presser Foot: 9 mm - Sewing System: Single Thread Chainstitch - Lubrication: By an oiler - Dimension: 510 mm * 350 mm * 400 mm (L*W*H) or manufacturer's standard - Motor : 400W – 750W (0.5 – 1 HP) - Power Supply: 220V AC, Single Phase, 50/60 Hz - Inclusion: Standee / table top designed for the machine - Materials for the demonstration/ training: a. Thread (for Button Sewing Machine): - Length: Standard cone – 3,000 - 5,000 meters per spool - Color: Match with fabric or button color (e.g., white, black, navy blue, beige) - Quantity: 1 spool per color - Material: 100% Polyester Core-Spun Thread b. Bobbin Thread: - Length: 10,000 meters per cone - Color: Same as top thread or neutral (white or black) - Quantity: 2 cones - Material: 100% Polyester		- Shank button, - Wrapped-around button, - Snap, - Label, - Metal button, - Stay button - Button Size: $\phi 10$ mm - 28 mm - Thickness of button: 1.8 mm - 3.5 mm - Needle bar stroke: 48.6mm - Lift of the Presser Foot: 9 mm - Sewing System: Single Thread Chainstitch - Lubrication: By an oiler - Dimension: 510 mm * 350 mm * 400 mm (L*W*H) or manufacturer's standard - Motor : 400W – 750W (0.5 – 1 HP) - Power Supply: 220V AC, Single Phase, <u>60 Hz</u> - Inclusion: - Standee / table top designed for the machine <u>1-unit LED Light (30 bulbs, 110V/220v, 60Hz, 5-6W)</u> - Materials for the demonstration/ training: - Thread (for Button Sewing Machine): a. Length: Standard cone – 3,000 - 5,000 meters per spool - Color: Match with fabric or button color (e.g., white, black, navy blue, beige) - Quantity: 1 spool per color - Material: 100% Polyester Core-Spun Thread b. Bobbin Thread: - Length: 10,000 meters per cone - Color: Same as top thread or neutral (white or black) - Quantity: 2 cones - Material: 100% Polyester
	Conforms to the Terms and Conditions on the attached Terms of Reference <i>*Comply, sign the TOR and submit with the Bid</i>		Conforms to the Terms and Conditions on the attached Terms of Reference <i>*Comply, sign the TOR and submit with the Bid</i>
	ABACA PROCESSING FACILITY OF LGU CLAVERIA		ABACA PROCESSING FACILITY OF LGU CLAVERIA
3	<u>Four (4) Units Spindle/Stripping Machine</u> - Materials: Steel Framing - Dimension: 1,325 mm * 1,050 mm * 1,495 mm (L*W*H) or manufacturer's standard - Prime Mover: At least 10 HP brand new air cooled single Diesel Engine Operated - Safety Mechanism: Pedal Operated Clutch and Brake - Output Capacity: at least 100 kg per 8-hour operation per day (dry fiber) - Features: > Adjustable coil spring (high carbon steel) > Detachable Components (bolts and nuts) > Hard and Matured Wooden Spindle > Material: G. Melina (Conical Shape) > Minimum Size: Length - 360 mm - Diameter at end 1 - 125 mm - Diameter at end 2 - 95 mm > With Flywheel 25-30 kg - Performance Criteria: > Number of Tuxies per one stripping process: 5-7 > Fiber Recovery: 19% (Minimum) > Stripping Efficiency: 86% (Minimum) > Stripping Loss: 14 % (Maximum) - Safety Feature/s: Emergency stop button - Inclusion/s: 1 unit First Aid Kit		<u>Four (4) Units Spindle/Stripping Machine</u> - Materials: Steel Framing - Dimension: 1,325 mm * 1,050 mm * 1,495 mm (L*W*H) or manufacturer's standard - Prime Mover: At least 10 HP brand new air cooled single Diesel Engine Operated - Safety Mechanism: Pedal Operated Clutch and Brake - Output Capacity: at least 100 kg per 8-hour operation per day (dry fiber) - Features: > Adjustable coil spring (high carbon steel) > Detachable Components (bolts and nuts) > Hard and Matured Wooden Spindle > Material: G. Melina (Conical Shape) > Minimum Size: Length - 360 mm - Diameter at end 1 - 125 mm - Diameter at end 2 - 95 mm > With Flywheel 25-30 kg - Performance Criteria: > Number of Tuxies per one stripping process: 5-7 > Fiber Recovery: 19% (Minimum) > Stripping Efficiency: 86% (Minimum) > Stripping Loss: 14 % (Maximum) - Safety Feature/s: Emergency <u>Brake Pedal</u>

	2 bottles Wound Solution (60 ml) 2 packs Cotton Buds, 200 tips/pack 2 rolls Gauze Bandage, Size: 914.4 cm * 25.4 cm (L*W) 2 rolls Paper Surgical Tape, Size: 914.4 cm * 1.25 cm (L*W) 2 boxes Adhesive Bandage (50 pieces/box) - Tools and Accessories 1 set Combination Wrench (Open and Box Type), Sizes: 14 mm, 15 mm, 18 mm, and 19 mm 1 piece Adjustable Wrench 1 piece Vise Grip 1 set Grease Gun with Accessories 1 set Earmuff (Hearing Protection) 2 pieces Fan Belt, Size: B38 1 piece prime mover user's manual, 1 piece spindle machine user's manual		- Tools and Accessories 1 set Combination Wrench (Open and Box Type), Sizes: 14 mm, 15 mm, 18 mm, and 19 mm 1 piece Adjustable Wrench 1 piece Vise Grip 1 set Grease Gun with Accessories 1 set Earmuff (Hearing Protection) 2 pieces Fan Belt, Size: B38 1 piece prime mover user's manual, 1 piece spindle machine user's manual
	Conforms to the Terms and Conditions on the attached Terms of Reference <i>*Comply, sign the TOR and submit with the Bid</i>		Conforms to the Terms and Conditions on the attached Terms of Reference <i>*Comply, sign the TOR and submit with the Bid</i>
4	<u>Two (2) Units Pedal / Motor- Powered Twining Machine</u> - Type of Operation Dual-mode: Manually operated by foot pedal or motor-powered with foot switch control - Control Mechanism: Foot switch for hands-free motor activation - Frame Material: Steel frame with rotating spindles - Dimension: 1.0 m * 0.5 m * 1.2 m (L*W*H) or Manufacturer's Standard - Power Supply: AC 220V, 60/50 Hz. - Motor: 150 Watts DC Motor - Output Size: 1 mm – 3 mm twine - Output Capacity: 30 – 50 kg per 8-hour operation per day (depending on material and ply) - Material Feeding Type: Manual - Number of Twisting Hooks: 6 - 9 - Twining Speed: 300 – 600 rpm (motor-powered) - Features: - With Digital Speed Controller Display - With Speed Controller Knob - With Rotation Switch: Forward / Reverse - With heavy-duty drive belts - With replaceable bobbins - Can be used for cotton spinning - With Power On/Off Switch - Safety Features: Protective guard on twisting section, Emergency stop button, Non-slip pedal base	4	<u>Two (2) Units Pedal / Motor- Powered Twining Machine</u> - Type of Operation Dual-mode: Manually operated by foot pedal or motor-powered with foot switch control - Control Mechanism: Foot switch for hands-free motor activation - Frame Material: Steel frame with rotating spindles - Dimension: 1.0 m * 0.5 m * 1.2 m (L*W*H) or Manufacturer's Standard - Power Supply: AC 220V, <u>60 Hz.</u> - Motor: 150 Watts DC Motor - Output Size: 1 mm – 3 mm twine - Output Capacity: 30 – 50 kg per 8-hour operation per day (depending on material and ply) - Material Feeding Type: Manual - Number of Twisting Hooks: 6 - 9 - Twining Speed: 300 – 600 rpm (motor-powered) - Features: - With Digital Speed Controller Display - With Speed Controller Knob - With Rotation Switch: Forward / Reverse - With heavy-duty drive belts - With replaceable bobbins - Can be used for cotton spinning - With Power On/Off Switch - Safety Features: Protective guard on twisting section, Emergency stop button <u>or its equivalent</u>, Non-slip pedal base
	Conforms to the Terms and Conditions on the attached Terms of Reference <i>*Comply, sign the TOR and submit with the Bid</i>		Conforms to the Terms and Conditions on the attached Terms of Reference <i>*Comply, sign the TOR and submit with the Bid</i>
5	<u>Two (2) Units Heavy-Duty Sewing Machine</u> - Stitch Length: 0 mm - 5mm - Sewing Thickness: 7 mm - 10 mm - Max. Sewing Speed: 2,800 sti/min (adjustable) - Clutch Motor: > Power: 50/60Hz, 220V > Pulley: 75 mm > Size: 370 mm * 290 mm * 270 mm (L*W*H) - Dimension: 585 mm * 260 mm * 525 mm (L*W*H) or manufacturer's standard - Needle: DPx5 - 16 - Types of Compatible Fabric: Cotton, Linen, Polyester, Denim, Twill, Canvas Inclusion/s: - Standee / table top designed for the machine	5	<u>Two (2) Units Heavy-Duty Sewing Machines</u> <u>1-Unit Binding Sewing Machine</u> <u>Stitch Length: 0 mm - 5mm</u> <u>Sewing Thickness: 7 mm - 10 mm</u> <u>Max. Sewing Speed: 2,800 sti/min (adjustable)</u> <u>Servo Motor:</u> <u>> Power: 60Hz, 220V</u> <u>> Pulley: 75 mm</u> <u>> Size: 370 mm * 290 mm * 270 mm (L*W*H)</u> <u>Dimension: 585 mm * 260 mm * 525 mm (L*W*H) or manufacturer's standard</u> <u>Needle: DPx5 - 16</u> <u>Types of Compatible Fabric: Delicate synthetics to heavy-duty materials like leather, multiple layers of denim, Manila hemp (abaca), jute, sinamay, textiles to specialty papers and composites</u>

	- Thread Stand - 1 pack needle (10 pcs/pack) - All - purposed oil - 100 ml/ bottle - 1-unit LED Light (30 bulbs, 110V/220v, 50/60Hz, 5-6W) - 3-unit Bobbin Rewinder Materials for the demonstration/ training: a. Thread: Length: 5,000 meters per spool Color: Match with fabric color (e.g., white, black, beige, navy blue) Quantity per Color: 1 spool per color Material: 100% Polyester Core-Spun Thread b. Bobbin Thread: Length: 10,000 meters per cone Color: Same as upper thread or neutral (white or black) Quantity: 2 cones Material: 100% Polyester	<u>Inclusion/s:</u> - <u>Standee / table top designed for the machine</u> - <u>Thread Stand</u> - <u>1 pack needle (10 pcs/pack)</u> - <u>All - purposed oil - 100 ml/ bottle</u> - <u>1-unit LED Light (30 bulbs, 110V/220v, 60Hz, 5-6W)</u> - <u>3-unit Bobbin Rewinder</u> <u>1 unit Single Needle Lockstitch Sewing Machine</u> - <u>Application: Light to Medium weight</u> - <u>Lubrication: Oil Shielding System</u> - <u>Max. Sewing Speed: 5,500 sti/min</u> - <u>Max. Stitch Length: 5 mm</u> - <u>Presser Foot: By hand: 5.5 mm, By knee: 13 mm</u> - <u>Needle: DB x 1 (#9) #9-#21</u> - <u>Needle Bar Stroke: 30.7 mm</u> - <u>Servo Motor : 400W – 750W (0.5 – 1 HP)</u> - <u>Power Supply: 220V AC, Single Phase, 60 Hz</u> - <u>Dimension: 833 mm * 278 mm * 459 mm (L*W*H) or manufacturer's standard</u> - <u>Types of Compatible Fabric: Cotton, Linen, Polyester, Denim, Twill, Canvas</u> - <u>Inclusion:</u> • <u>Standee / table top designed for the machine</u> • <u>1-unit LED Light (30 bulbs, 110V/220v, 60Hz, 5-6W)</u> Materials for the demonstration/ training: a. Thread: Length: 5,000 meters per spool Color: Match with fabric color (e.g., white, black, beige, navy blue) Quantity per Color: 1 spool per color Material: 100% Polyester Core-Spun Thread b. Bobbin Thread: Length: 10,000 meters per cone Color: Same as upper thread or neutral (white or black) Quantity: 2 cones Material: 100% Polyester
	Conforms to the Terms and Conditions on the attached Terms of Reference <i>*Comply, sign the TOR and submit with the Bid</i>	Conforms to the Terms and Conditions on the attached Terms of Reference <i>*Comply, sign the TOR and submit with the Bid</i>

Note:

**All provisions and forms in the originally issued Bidding Documents not modified or attached in this supplemental / bid bulletin shall remain valid and in full force and effect.*

**All amendments are reflected in bold, underlined and italicized text.*

For information and guidance of all concerned.

ATTY. MICHAEL B. PAGGABAO (SGD.)
Acting Assistant Regional Director
Bids and Awards Committee - Chairperson

Bid Form for the Procurement of Goods

[shall be submitted with the Bid]

BID FORM

Date : _____
Project Identification No. : IB No. 2025-008

To: *ATTY. MICHAEL B. PAGGABAO*
Bids and Awards Committee
Department of Trade and Industry Region 2
#11 Dalan na Pappabalo, Regional Government Center,
Carig Sur, Tuguegarao City, Cagayan

Having examined the Philippine Bidding Documents (PBDs) including the Supplemental or Bid Bulletin Numbers *[insert numbers]*, the receipt of which is hereby duly acknowledged, we, the undersigned, offer to *[supply/deliver/perform]* *[description of the Goods]* in conformity with the said PBDs for the sum of *[total Bid amount in words and figures]* or the total calculated bid price, as evaluated and corrected for computational errors, and other bid modifications in accordance with the Price Schedules attached herewith and made part of this Bid. The total bid price includes the cost of all taxes, such as, but not limited to: *[specify the applicable taxes, e.g. (i) value added tax (VAT), (ii) income tax, (iii) local taxes, and (iv) other fiscal levies and duties]*, which are itemized herein or in the Price Schedules,

If our Bid is accepted, we undertake:

- a. to deliver the goods in accordance with the delivery schedule specified in the Schedule of Requirements of the Philippine Bidding Documents (PBDs);
- b. to provide a performance security in the form, amounts, and within the times prescribed in the PBDs;
- c. to abide by the Bid Validity Period specified in the PBDs and it shall remain binding upon us at any time before the expiration of that period.

[Insert this paragraph if Foreign-Assisted Project with the Development Partner:
 Commissions or gratuities, if any, paid or to be paid by us to agents relating to this

Bid, and to contract execution if we are awarded the contract, are listed below:

Name and address Amount and Purpose of of agent Currency Commission or gratuity

(if none, state “None”)]

Until a formal Contract is prepared and executed, this Bid, together with your written acceptance thereof and your Notice of Award, shall be binding upon us.

We understand that you are not bound to accept the Lowest Calculated Bid or any Bid you may receive.

We certify/confirm that we comply with the eligibility requirements pursuant to the PBDs.

The undersigned is authorized to submit the bid on behalf of *[name of the bidder]* as evidenced by the attached *[state the written authority]*.

We acknowledge that failure to sign each and every page of this Bid Form, including the attached Schedule of Prices, shall be a ground for the rejection of our bid.

Name: _____

Legal capacity: _____

Signature: _____

Duly authorized to sign the Bid for and behalf of: _____

Date: _____

Price Schedule for Goods Offered from Within the Philippines
[shall be submitted with the Bid if bidder is offering goods from within the Philippines]

For Goods Offered from Within the Philippines

Name of Bidder _____ Project ID No. IB No. 2025-008 Page ____ of ____

1	2	3	4	5	6	7	8	9	10
Item	Description	Country of origin	Quantity	Unit price EXW per item	Transportation and all other costs incidental to delivery, per item	Sales and other taxes payable if Contract is awarded, per item	Cost of Incidental Services, if applicable, per item	Total Price, per unit (col 5+6+7+8)	Total Price delivered Final Destination (col 9) x (col 4)

Name: _____

Legal Capacity: _____

Signature: _____

Duly authorized to sign the Bid for and behalf of: _____

Price Schedule for Goods Offered from Abroad
[shall be submitted with the Bid if bidder is offering goods from Abroad]

For Goods Offered from Abroad

Name of Bidder _____ Project ID No. IB No. 2025-008 Page ____ of ____

1	2	3	4	5	6	7	8	9
Item	Description	Country of origin	Quantity	Unit price CIF port of entry (specify port) or CIP named place (specify border point or place of destination)	Total CIF or CIP price per item (col. 4 x 5)	Unit Price Delivered Duty Unpaid (DDU)	Unit price Delivered Duty Paid (DDP)	Total Price delivered DDP (col 4 x 8)

Name: _____

Legal Capacity: _____

Signature: _____

Duly authorized to sign the Bid for and behalf of: _____

**STATEMENT OF ALL ONGOING GOVERNMENT AND PRIVATE CONTRACTS
INCLUDING CONTRACTS AWARDED BUT NOT YET STARTED**

[shall be submitted with the Bid]

Bid Reference No. IB No. 2025-008

Business Name: _____

Business Address: _____

Name of Client/Contact Person/Contact or Mobile Number/Contact Email Address	Date of the Contract	Title of the Contract / Name of the Project	Kinds of Goods	Total Amount of Contract	Value of Outstanding Contract	Date of Delivery
<u>Government</u>						
<u>Private</u>						

Submitted by: _____
[Printed Name and Signature]

Designation: _____
Date: _____

Instructions:

- a. State **ALL** ongoing contracts including those awarded but not yet started (government [including DTI] and private contracts which may be **similar or not similar** in nature and complexity to the contract to be bid.
- b. If there is no ongoing contract including those awarded but not yet started as of the aforementioned period, state “none” or equivalent term.
- c. The total amount of the ongoing and awarded but not yet started contracts should be consistent with those used in the Net Financial Contracting Capacity (NFCC).

STATEMENT OF THE SINGLE LARGEST COMPLETED CONTRACT WHICH IS SIMILAR IN NATURE
[shall be submitted with the Bid]

Bid Reference No. IB No. 2025-008

Business Name: _____

Business Address: _____

Name of Client/Contact Person/Contact or Mobile Number/Contact Email Address	Date of the Contract	Title of the Contract / Name of the Project	Kinds of Goods	Amount of Contract	Date of Acceptance*	End User's Acceptance or Official Receipt(s) Issued for the Contract

Submitted by: _____
[Printed Name and Signature]

Designation: _____

Date: _____

Instructions:

- a. Pursuant to Section 23.4.1.3 of the 2016 Revised IRR of RA No. 9184, the Bidder shall have an SLCC that is similar to the Project, and whose value, adjusted to current prices using the PSA's CPI, must be equivalent to at least fifty percent (50%) of the ABC to be bid.
- b. The SLCC should have been completed within **Five (5) years** prior to the deadline for the submission and receipt of bids.
- c. The similar contract for this Project shall pertain to the items and/or equipment specified under Clause 5.3 of the Bid Data Sheet in **Invitation to Bid No. 2025-008**.

Date of Acceptance shall mean the date when the goods delivered have **satisfactorily met the requirements of the procuring entity, as evidenced by either a Certificate of Final Acceptance/Completion from the bidder's client, or an Official Receipt or a Sales Invoice (to be submitted during post-qualification).*

Bid Securing Declaration Form

[shall be submitted with the Bid if bidder opts to provide this form of bid security]

REPUBLIC OF THE PHILIPPINES)
CITY OF _____) S.S.

BID SECURING DECLARATION Project Identification No.: IB 2025-008

To: *Department of Trade and Industry Region 2
#11 Dalan na Pappabalo, Regional Government Center,
Carig Sur, Tuguegarao City, Cagayan*

I/We, the undersigned, declare that:

1. I/We understand that, according to your conditions, bids must be supported by a Bid Security, which may be in the form of a Bid Securing Declaration.
2. I/We accept that: (a) I/we will be automatically disqualified from bidding for any procurement contract with any procuring entity for a period of two (2) years upon receipt of your Blacklisting Order; and, (b) I/we will pay the applicable fine provided under Section 6 of the Guidelines on the Use of Bid Securing Declaration, within fifteen (15) days from receipt of the written demand by the procuring entity for the commission of acts resulting to the enforcement of the bid securing declaration under Sections 23.1(b), 34.2, 40.1 and 69.1, except 69.1(f), of the IRR of RA No. 9184; without prejudice to other legal action the government may undertake.
3. I/We understand that this Bid Securing Declaration shall cease to be valid on the following circumstances:
 - a. Upon expiration of the bid validity period, or any extension thereof pursuant to your request;
 - b. I am/we are declared ineligible or post-disqualified upon receipt of your notice to such effect, and (i) I/we failed to timely file a request for reconsideration or (ii) I/we filed a waiver to avail of said right; and
 - c. I am/we are declared the bidder with the Lowest Calculated Responsive Bid, and I/we have furnished the performance security and signed the Contract.

IN WITNESS WHEREOF, I/We have hereunto set my/our hand/s this ____ day of [month]
[year] at [place of execution].

*[Insert NAME OF BIDDER OR ITS AUTHORIZED
REPRESENTATIVE]*

[Insert signatory's legal capacity]
Affiant

[Jurat]

[Format shall be based on the latest Rules on Notarial Practice]

Omnibus Sworn Statement (Revised)

[shall be submitted with the Bid]

REPUBLIC OF THE PHILIPPINES)
CITY/MUNICIPALITY OF _____) S.S.

AFFIDAVIT

I, [Name of Affiant], of legal age, [Civil Status], [Nationality], and residing at [Address of Affiant], after having been duly sworn in accordance with law, do hereby depose and state that:

1. *[Select one, delete the other:]*

[If a sole proprietorship:] I am the sole proprietor or authorized representative of [Name of Bidder] with office address at [address of Bidder];

[If a partnership, corporation, cooperative, or joint venture:] I am the duly authorized and designated representative of [Name of Bidder] with office address at [address of Bidder];

2. *[Select one, delete the other:]*

[If a sole proprietorship:] As the owner and sole proprietor, or authorized representative of [Name of Bidder], I have full power and authority to do, execute and perform any and all acts necessary to participate, submit the bid, and to sign and execute the ensuing contract for [Name of the Project] of the [Name of the Procuring Entity], as shown in the attached duly notarized Special Power of Attorney;

[If a partnership, corporation, cooperative, or joint venture:] I am granted full power and authority to do, execute and perform any and all acts necessary to participate, submit the bid, and to sign and execute the ensuing contract for [Name of the Project] of the [Name of the Procuring Entity], as shown in the attached [state title of attached document showing proof of authorization (e.g., duly notarized Secretary's Certificate, Board/Partnership Resolution, or Special Power of Attorney, whichever is applicable)];

3. [Name of Bidder] is not "blacklisted" or barred from bidding by the Government of the Philippines or any of its agencies, offices, corporations, or Local Government Units, foreign government/foreign or international financing institution whose blacklisting rules have been recognized by the Government Procurement Policy Board, **by itself or by relation, membership, association, affiliation, or controlling interest with another blacklisted person or entity as defined and provided for in the Uniform Guidelines on Blacklisting;**

4. Each of the documents submitted in satisfaction of the bidding requirements is an authentic copy of the original, complete, and all statements and information provided therein are true and correct;

5. [Name of Bidder] is authorizing the Head of the Procuring Entity or its duly authorized representative(s) to verify all the documents submitted;

6. *[Select one, delete the rest:]*

[If a sole proprietorship:] The owner or sole proprietor is not related to the Head of the Procuring Entity, Procurement Agent if engaged, members of the Bids and Awards

Committee (BAC), the Technical Working Group, and the BAC Secretariat, the head of the Project Management Office or the end-user unit, and the project consultants by consanguinity or affinity up to the third civil degree;

[If a partnership or cooperative:] None of the officers and members of *[Name of Bidder]* is related to the Head of the Procuring Entity, Procurement Agent if engaged, members of the Bids and Awards Committee (BAC), the Technical Working Group, and the BAC Secretariat, the head of the Project Management Office or the end-user unit, and the project consultants by consanguinity or affinity up to the third civil degree;

[If a corporation or joint venture:] None of the officers, directors, and controlling stockholders of *[Name of Bidder]* is related to the Head of the Procuring Entity, Procurement Agent if engaged, members of the Bids and Awards Committee (BAC), the Technical Working Group, and the BAC Secretariat, the head of the Project Management Office or the end-user unit, and the project consultants by consanguinity or affinity up to the third civil degree;

7. *[Name of Bidder]* complies with existing labor laws and standards; and
8. *[Name of Bidder]* is aware of and has undertaken the responsibilities as a Bidder in compliance with the Philippine Bidding Documents, which includes:
 - a. Carefully examining all of the Bidding Documents;
 - b. Acknowledging all conditions, local or otherwise, affecting the implementation of the Contract;
 - c. Making an estimate of the facilities available and needed for the contract to be bid, if any; and
 - d. Inquiring or securing Supplemental/Bid Bulletin(s) issued for the *Invitation to Bid No. 2025-008 Provision of Various Industrial Machinery and Equipment for the Shared Service Facilities (SSF) in the Province of Cagayan*.
9. *[Name of Bidder]* did not give or pay directly or indirectly, any commission, amount, fee, or any form of consideration, pecuniary or otherwise, to any person or official, personnel or representative of the government in relation to any procurement project or activity.
10. **In case advance payment was made or given, failure to perform or deliver any of the obligations and undertakings in the contract shall be sufficient grounds to constitute criminal liability for Swindling (Estafa) or the commission of fraud with unfaithfulness or abuse of confidence through misappropriating or converting any payment received by a person or entity under an obligation involving the duty to deliver certain goods or services, to the prejudice of the public and the government of the Philippines pursuant to Article 315 of Act No. 3815 s. 1930, as amended, or the Revised Penal Code.**

IN WITNESS WHEREOF, I have hereunto set my hand this ____ day of ____, 20__ at _____, Philippines.

[Insert NAME OF BIDDER OR ITS AUTHORIZED REPRESENTATIVE]

[Insert signatory's legal capacity]

Affiant

[Jurat]

[Format shall be based on the latest Rules on Notarial Practice]

CERTIFICATE OF NET FINANCIAL CONTRACTING CAPACITY

[shall be submitted with the Bid]

Bid Reference No. IB No. 2025-008

Business Name: _____

Business Address: _____

This is to certify that our **Net Financial Contracting Capacity (NFCC)** expressed in Philippine Pesos amounts to [indicate NFCC in words and in figures], which was duly computed as follows:

Particulars	Amount (Php.)
Current Assets (CA)	
Less	-
Current Liabilities (CL)	
Sub-total	
Multiplier	x 15
Sub-total	
Less	-
Value of all outstanding or awarded contracts (including those not yet started)	
NFCC	

Submitted by: _____
[Printed Name and Signature]

Designation: _____

Date: _____

Instructions:

- a. The values of the domestic bidder's current assets and current liabilities shall be based on the latest audited financial statements submitted to the Bureau of Internal Revenue (BIR).
- b. For purposes of computing the foreign bidders' NFCC, the value of the current assets and current liabilities shall be based on their Audited Financial Statements prepared in accordance with international financial reporting standards
- c. The values of all outstanding or uncompleted contracts refer to those listed in the statement of all ongoing government and private contracts.
- d. If the bidder submits a committed Line of Credit, it must be at least equal to ten percent (10%) of the ABC to be bid: Provided, That if the same is issued by a foreign Universal or Commercial Bank, it shall be confirmed or authenticated by a local Universal or Commercial Bank.
- e. The computation of a bidder's NFCC must be at least equal to the ABC to be bid.

Performance Securing Declaration (Revised)

[if used as an alternative performance security but it is not required to be submitted with the Bid, as it shall be submitted within ten (10) days after receiving the Notice of Award]

REPUBLIC OF THE PHILIPPINES)
CITY OF _____) S.S.

PERFORMANCE SECURING DECLARATION

Bid Reference No: IB No. 2025-008

To: Department of Trade and Industry Region 2
#11 Dalan na Pappabalo, Regional Government Center,
Carig Sur, Tuguegarao City, Cagayan

I/We, the undersigned, declare that:

1. I/We understand that, according to your conditions, to guarantee the faithful performance by the supplier/distributor/manufacturer/contractor/consultant of its obligations under the Contract, I/we shall submit a Performance Securing Declaration within a maximum period of ten (10) calendar days from the receipt of the Notice of Award prior to the signing of the Contract.
2. I/We accept that: I/we will be automatically disqualified from bidding for any procurement contract with any procuring entity for a period of one (1) year for the first offense, or two (2) years **for the second offense**, upon receipt of your Blacklisting Order if I/We have violated my/our obligations under the Contract;
3. I/We understand that this Performance Securing Declaration shall cease to be valid upon:
 - a. issuance by the Procuring Entity of the Certificate of Final Acceptance, subject to the following conditions:
 - i. Procuring Entity has no claims filed against the contract awardee;
 - ii. It has no claims for labor and materials filed against the contractor; and
 - iii. Other terms of the contract; or
 - b. replacement by the winning bidder of the submitted PSD with a performance security in any of the prescribed forms under Section 39.2 of the 2016 revised IRR of RA No. 9184 as required by the end-user.

IN WITNESS WHEREOF, I/We have hereunto set my/our hand/s this ____ day of [month] [year] at [place of execution].

*[Insert NAME OF BIDDER OR ITS
AUTHORIZED REPRESENTATIVE]*

[Insert signatory's legal capacity]

Affiant

[Jurat]

[Format shall be based on the latest Rules on Notarial Practice]

TERMS OF REFERENCE (TOR)*

[shall be signed and submitted with the Bid]

IB No. 2025-008 Provision of Industrial Machinery and Equipment for the Shared Service Facilities (SSF) in the Province of Cagayan

I. BACKGROUND

The Shared Service Facility (SSF) Program is an initiative of the Department of Trade and Industry (DTI) to boost innovation and productivity of micro, small and medium enterprises (MSMEs). The program provides machinery, equipment and tools to eligible cooperators under a shared system to improve the competitiveness of MSMEs.

II. OBJECTIVES

The specific objectives of the program/project are as follows:

- Enable MSMEs to increase their productivity;
- Address the gaps and bottlenecks in the value chain of priority industry clusters;
- Promote convergence among stakeholders, especially in pooling and integrating government resources; and
- Accelerate MSME competitiveness by giving them access to energy efficient technologies and more sophisticated equipment.

III. TECHNICAL SPECIFICATIONS

- 3.1. The SUPPLIER / SERVICE PROVIDER shall provide BRAND NEW, ORIGINAL & GENUINE items with the following technical specifications:

Item/ Lot No.	Specification
1	CUSTOM APPAREL AND EMBROIDERY SERVICE FACILITY OF CSU - CARIG CAMPUS <u>One (1) Unit of Embroidery Machine with Accessories and Embroidery Software</u> Specifications: - Head Configuration: 4 independent heads for simultaneous multi-piece embroidery - No. of Needles: 9-15 per head - Dimension: 2,500 mm x 1,300mm x 1,780 mm (L*W*H) or manufacturer's standard - Max. Embroidery Area: 450 mm * 400 mm (L*W) - Display: min. of 264.16 mm (10.4 in) HD LCD or better Touch Screen Panel with real-time stitching display; includes function keys (Menu, Speed, Help, Setting, Clear, ESC, Enter) numeric keys for needle selection, frame movement keys, manual trimming and color change functions, embroidery status and method display, and dot key for 100° return. - Operating System: Embroidery OS - Max. Speed: 1,000 sti/min (Adjustable) - Cap System: 270° wide cap frame unit - Input: Wired, Wireless or USB data transfer options - Memory: 50 Million stitches or 200 designs - Power Requirement: Single-Phase, 220V/<u>60Hz</u> - Main Motor: Servo Motor, 150 W - Supported File Formats: * Embroidery Design File Formats: - .PES, .PHC, .PHX, .DST, . EXP, .EMB

DTI REGIONAL OFFICE 2

	* Graphic file formats: - .PSD, .AI, .SVG, .JPEG, .PNG, .BMP, .PDF, .TIF - Types of Compatible Fabric: Cotton, Linen, Polyester, Denim, Twill, Canvas - Inclusions: ● 1-unit of Licensed Embroidery Installation Software ● Frames & Hoops: 8 sets of front hoops of 90 mm 8 sets of front hoops of 120 mm 8 sets of front hoops of 150 mm 8 sets of front hoops of 200 mm 8 sets of back hoops for 290 mm x 290 mm (Adjustable) 1 Sash Frame for flat embroidery ● Computer Desktop Total No. of Cores: minimum of 8 cores Total No. of Threads: minimum of 16 threads Operating System: Windows 11 Pro 64-bit (Licensed and ready to use) RAM: 16 GB DDR4 Storage: 1 TB SSD Graphics: NVIDIA 6GB Dedicated Graphics Display Type: 256.54 mm (10.1 in) HD LCD full-color <u>screen</u> or better Display Functions: On-screen design editing, preview, and stitch simulation Connectivity: Wi-Fi (wireless design transfer and mobile monitoring via Stitch Monitoring App) USB Port (for importing/exporting designs) Computer connection port (for direct PC link) Internal Memory: Up to 1 million stitches per design /up to 500 designs On-Screen Editing Tools: Resize, rotate (0.1° increments), mirror image, text editing, and color sorting Built-in Tutorials: Step-by-step video guides and animations for threading, setup, and maintenance Preview Features: Real-time stitch and color preview before embroidery starts Additional Functions: Design combining, color grouping, and background scanning with camera assist With built-in licensed editing software (1-year validity) * Canva; Adobe Photoshop CC 2024; and Wilcom Embroidery Studio E4.5 Designing Software With Licensed MS Office 2021 Professional Plus or higher (pre-installed and ready to use) With Keyboard, Wired Mouse, UPS, and Standard Cables ● Standee / table top designed for the machine - Features: * With automatic thread trimmer * With automatic color change * With thread break detection * Pre-sew design trace capable * With start, stop, and emergency stop * Suitable for cap embroidery and finished garments embroidery like T-shirt * Could paint any color according to customer's requirements - Accessories: * The machine shall be supplied with a complete tool kit, including but not limited to the following: - 2 units Flat and Phillips Screwdrivers - 2 units Allen Wrenches (Hex Keys) - 2 units Metal Tweezers - 2 pairs Small & Sharp Scissors - 2 bottles Oil / Lubricant - 2 units Cleaning Brush - 2 packs Spare Needles - 2 sets Bobbin Case and Spare Bobbins - 2 units Seam Ripper
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	- 2 units Needle Plate Removal Tool - 2 units 16 GB USB Drive - 2 sets Power Cord & Standard Cables - 2 units Stylus / Touch Pen - Materials for the Demonstration/Training a. Thread (for Embroidery Machine): - Length: 5,000 meters per spool - Color: As required by the sample design (e.g., red, blue, yellow, white, black, gold) - Quantity: 1 spool per color - Material: 100% Polyester b. Bobbin Thread: - Length: 10,000 meters per cone - Color: White or Black - Quantity: 2 cones - Material: 100% Polyester <u>Two (2) Units of Buttonhole Sewing Machine</u> - Max. Sewing Speed: 3,600 sti/min - Needle Bar Stroke: 34.6 mm - Lift of the work clamp: Max. 12 mm - Max. thickness of material that can be used: 4 mm - Number of stitches: 54 - 345 (by gear-change method) - Buttonhole length: 6.4 mm - 38.1 mm - Hook: DP type, automatic-lubricating full-rotary hook - Deceleration method: Belt-shifting method - Lubrication: Automatic - Needle: DP×5 #11J - Dimension: 1,200 mm * 600 mm x 1,200 mm (L*W*H) or manufacturer's standard - <u>Servo Motor</u> : 400W – 750W (0.5 – 1 HP) - Power Supply: 220V AC, Single Phase, <u>60 Hz</u> - Types of Compatible Fabric: Cotton, Linen, Polyester, Denim, Twill, Canvas - Inclusion: Standee / table top designed for the machine - <u>Inclusions: 1-unit LED Light (30 bulbs, 110V/220v, 60Hz, 5-6W)</u> Materials for the Demonstration/Training: a. Thread (for Buttonhole Sewing Machine): - Length: 3,000 to 5,000 meters per spool - Color: Match with fabric color (e.g., white, black, navy blue, beige) - Quantity: 1 spool per color - Material: 100% Polyester Core-Spun Thread b. Bobbin Thread: - Length: 10,000 meters per cone - Color: Same as upper thread or neutral (white or black) - Quantity: 2 cones - Material: 100% Polyester <u>Two (2) Units of Overlock Sewing Machine</u> - Stitch type: 1-needle or 2-needle Overlock - Max. Sewing Speed: 7,000 sti/min - Stitch Length: 0.6 mm - 4.5 mm - Needle Gauge: 2.0 mm, 5 mm - Overedging width: 1.6 mm, 2.0 mm, 3.2 mm, 4.0 mm, 4.8 mm - Differential feed ratio: - For gathering - 1:2 (Max. 1:4), For stretching - 1:0.7 (Max. 1:0.6) - Needle bar stroke: 24.5 mm - Inclination angle of the needle: 20° - Needle bar bushing: Lower bushing method - Needle: DC×27 #11 (75), #14 (90) - Max. Lift of the Presser Foot: 7mm - Max. Presser Foot Pressure: 63.7N (6.5kgf)
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- Stitch Adjusting Method: By push-button
- Differential-feed Adjusting Method: By lever
- Lubrication: Automatic
- **Servo Motor** : 400W – 750W (0.5 – 1 HP)
- Power Supply: 220V AC, Single Phase, **60 Hz**
- Types of Compatible Fabric: Cotton, Linen, Polyester, Denim, Twill, Canvas
- Dimension: 615 mm * 400 mm * 600 mm (L*W*H) or manufacturer's standard
- Inclusion/s:
 - Standee / table top designed for the machine
 - **1-unit LED Light (30 bulbs, 110V/220v, 60Hz, 5-6W)**
 - Tool Kit: Needle Cooler, Needle thread heat remover, Micro-lifter
- Materials for the demonstration/ training:
 - a. Thread (for Overlock Sewing Machine):
 - Length: 5,000 - 6,000 meters per cone
 - Color: Match with fabric color (e.g., white, black, beige, gray, navy blue)
 - Quantity: 3 to 4 cones per color
 - Material: 100% Polyester Overlock Thread

Two (2) Units of Button Sewing Machine

- Max. Sewing Speed: 1,500 sti/min
- Number of stitches: 8,16, and 32 stitches
- Needle: TQ×1(#16) #14~20
- Feed length (crosswise feed): 2.5 mm - 6.5 mm
- Feed length (lengthwise feed): 0 mm - 4.5 mm
- Applicable button:
 - * Round-shaped flat button (2-holed, 4-holed)
 - * Shank button,
 - * Wrapped-around button,
 - * Snap,
 - * Label,
 - * Metal button,
 - * Stay button
- Button Size: φ10 mm - 28 mm
- Thickness of button: 1.8 mm - 3.5 mm
- Needle bar stroke: 48.6mm
- Lift of the Presser Foot: 9 mm
- Sewing System: Single Thread Chainstitch
- Lubrication: By an oiler
- Dimension: 510 mm * 350 mm * 400 mm (L*W*H) or manufacturer's standard
- **Servo Motor** : 400W – 750W (0.5 – 1 HP)
- Power Supply: 220V AC, Single Phase, **60 Hz**
- Inclusion:
 - Standee / table top designed for the machine
 - **1-unit LED Light (30 bulbs, 110V/220v, 60Hz, 5-6W)**
- Materials for the demonstration/ training:
 - a. Thread (for Button Sewing Machine):
 - Length: Standard cone – 3,000 - 5,000 meters per spool
 - Color: Match with fabric or button color
(e.g., white, black, navy blue, beige)
 - Quantity: 1 spool per color
 - Material: 100% Polyester Core-Spun Thread
 - b. Bobbin Thread:
 - Length: 10,000 meters per cone
 - Color: Same as top thread or neutral (white or black)
 - Quantity: 2 cones
 - Material: 100% Polyester

Five (5) Units of Single Needle Lockstitch Sewing Machine

- Application: Light to Medium weight
- Lubrication: Oil Shielding System
- Max. Sewing Speed: 5,500 sti/min

	- Max. Stitch Length: 5 mm - Presser Foot: By hand: 5.5 mm, By knee: 13 mm - Needle: <u>DB x 1 (#9) #9~#21</u> - Needle Bar Stroke: 30.7 mm - <u>Servo Motor</u> : 400W – 750W (0.5 – 1 HP) - Power Supply: 220V AC, Single Phase, <u>60 Hz</u> - Dimension: 833 mm * 278 mm * 459 mm (L*W*H) or manufacturer's standard - Types of Compatible Fabric: Cotton, Linen, Polyester, Denim, Twill, Canvas - Inclusions: • Standee / table top designed for the machine • <u>1-unit LED Light (30 bulbs, 110V/220v, 60Hz, 5-6W)</u> - Materials for the demonstration/ training: a. Thread (for Lockstitch Sewing Machine): Length: 5,000 meters per spool Color: Match with fabric color (e.g., white, black, beige, navy blue) Quantity per Color: 1 spool per color Material: 100% Polyester Core-Spun Thread b. Bobbin Thread: Length: 10,000 meters per cone Color: Same as top thread or neutral (white or black) Quantity: 2 cones Material: 100% Polyester <u>Four (4) Units of Piping Sewing Machine</u> - Mechanical Configuration: Flat-bed - Max. Sewing Thickness: 13 mm - Feed Mechanism: Manual - Dimension: 610 mm * 400 mm * 615 mm (L*W*H) or manufacturer's standard - Max. Sewing Speed: 6,500 sti/min - Stitch Length Adjustment: Dial - Lubrication: Fully-automatic - No. of Needles: 3 - Needle: UY128GAS 9-14 (standard size 10) - No. of Threads: 5 - Needle Space/Gauge: • 3.2 mm (suitable for fine piping, like blouses and uniforms) • 4.8 mm (suitable for medium weight fabric, polo shirts) • 6.4 mm (suitable for uniforms, academic gowns) - Stitch length: 1.2 mm - 4.4 mm - Needle Bar Stroke: 31 mm - 33 mm - Pressure Foot Lift: 5 mm - <u>Servo Motor</u> : 400W – 750W (0.5 – 1 HP) - Power Supply: 220V AC, Single Phase, <u>60 Hz</u> - Types of Compatible Fabric: Cotton, Linen, Polyester, Denim, Twill, Canvas - Inclusion: • Standee / table top designed for the machine • <u>1-unit LED Light (30 bulbs, 110V/220v, 60Hz, 5-6W)</u> - Materials for the demonstration/ training: a. Thread (for Piping Machine): Length: 5,000 meters per spool Color: Match with fabric or piping color (e.g., white, black, navy blue, beige) Quantity per Color: 1 spool per color Material: 100% Polyester Core-Spun Thread b. Bobbin Thread: Length: 10,000 meters per cone Color: Same as upper thread or neutral (white or black) Quantity: 2 cones Material: 100% Polyester
2	UPGRADING OF GARMENT MANUFACTURING FACILITY FOR LGU ENRILE, CAGAYAN

One (1) Unit of Embroidery Machine with Accessories and Embroidery Software

- Head Configuration: 4 independent heads for simultaneous multi-piece embroidery
- No. of Needles: 9-15 per head
- Dimension: 2,500 mm x 1,300mm x 1,780 mm (L*W*H) or manufacturer's standard
- Max. Embroidery Area: 450 mm * 400 mm (L*W)
- Display: min. of 264.16 mm (10.4 in) HD LCD or better
 - Touch Screen Panel with real-time stitching display; includes function keys (Menu, Speed, Help, Setting, Clear, ESC, Enter) numeric keys for needle selection, frame movement keys, manual trimming and color change functions, embroidery status and method display, and dot key for 100° return.
- Operating System: Embroidery OS
- Max. Speed: 1,000 sti/min (Adjustable)
- Cap System: 270° wide cap frame unit
- Input: Wired, Wireless or USB data transfer options
- Memory: 50 Million stitches or 200 designs
- Power Requirement: Single-Phase, 220V/**60Hz**
- Main Motor: Servo Motor, 150 W
- Supported File Formats
 - Embroidery Design File Formats:
 - .PES, .PHC, .PHX, .DST, .EXP, .EMB
 - Graphic file formats:
 - .PSD, .AI, .SVG, .JPEG, .PNG, .BMP, .PDF, .TIF
- Types of Compatible Fabric: Cotton, Linen, Polyester, Denim, Twill, Canvas
- Inclusions:
 - **1-unit of Licensed Embroidery Installation Software**
 - **Frames & Hoops:**
 - 8 sets of front hoops of 90 mm
 - 8 sets of front hoops of 120 mm
 - 8 sets of front hoops of 150 mm
 - 8 sets of front hoops of 200 mm
 - 8 sets of back hoops for 290 mm x 290 mm (Adjustable)
 - 1 Sash Frame for flat embroidery
 - **Computer Desktop**
 - Total No. of Cores: minimum of 8 cores
 - Total No. of Threads: minimum of 16 threads
 - Operating System: Windows 11 Pro 64-bit (Licensed and ready to use)
 - RAM: 16 GB DDR4
 - Storage: 1 TB SSD
 - Graphics: NVIDIA 6GB Dedicated Graphics
 - Display Type: 256.54 mm (10.1 in) HD LCD full-color **screen** or better
 - Display Functions: On-screen design editing, preview, and stitch simulation
 - Connectivity: Wi-Fi (wireless design transfer and mobile monitoring via Stitch Monitoring App)
 - USB Port (for importing/exporting designs)
 - Computer connection port (for direct PC link)
 - Internal Memory: Up to 1 million stitches per design/up to 500 designs
 - On-Screen Editing Tools: Resize, rotate (0.1° increments), mirror image, text editing, and color sorting
 - Built-in Tutorials: Step-by-step video guides and animations for threading, setup, and maintenance
 - Preview Features: Real-time stitch and color preview before embroidery starts
 - Additional Functions: Design combining, color grouping, and background scanning with camera assist
 - With built-in licensed editing software (1-year validity)
 - Canva; Adobe Photoshop CC 2024; and Wilcom Embroidery Studio E4.5 Designing Software
 - With Licensed MS Office 2021 Professional Plus or higher (pre-installed and ready to use)
 - With Keyboard, Wired Mouse, UPS, and Standard Cables
- Standee / table top designed for the machine
 - Features:
 - With automatic thread trimmer
 - With automatic color change

	With thread break detection Pre-sew design trace capable With start, stop, and emergency stop Suitable for cap embroidery and finished garments embroidery like T-shirt Could paint any color according to customer's requirements Accessories: ● The machine shall be supplied with a complete tool kit, including but not limited to the following: - 2 units Flat and Phillips Screwdrivers - 2 units Allen Wrenches (Hex Keys) - 2 units Metal Tweezers - 2 pairs Small & Sharp Scissors - 2 bottles Oil / Lubricant - 2 units Cleaning Brush - 2 packs Spare Needles - 2 sets Bobbin Case and Spare Bobbins - 2 units Seam Ripper - 2 units Needle Plate Removal Tool - 2 units 16 GB USB Drive - 2 sets Power Cord & Standard Cables - 2 units Stylus / Touch Pen - Materials for the Demonstration/Training: - Thread (for Embroidery Machine): Length: 5,000 meters per spool Color: As required by the sample design (e.g., red, blue, yellow, white, black, gold) Quantity: 1 spool per color Material: 100% Polyester - Bobbin Thread: Length: 10,000 meters per cone Color: White or Black Quantity: 2 cones Material: 100% Polyester <u>One (1) Unit of Buttonhole Sewing Machine</u> - Max. Sewing Speed: 3,600 sti/min - Needle Bar Stroke: 34.6 mm - Lift of the work clamp: Max. 12 mm - Max. thickness of material that can be used: 4 mm - Number of stitches: 54 - 345 (by gear-change method) - Buttonhole length: 6.4 mm - 38.1 mm - Hook: DP type, automatic-lubricating full-rotary hook - Deceleration method: Belt-shifting method - Lubrication: Automatic - Needle: DP×5 #11J - Dimension: 1,200 mm * 600 mm x 1,200 mm (L*W*H) or manufacturer's standard - Motor : 400W – 750W (0.5 – 1 HP) - Power Supply: 220V AC, Single Phase, <u>60 Hz</u> - Types of Compatible Fabric: Cotton, Linen, Polyester, Denim, Twill, Canvas - Inclusion: ● Standee / table top designed for the machine ● <u>1-unit LED Light (30 bulbs, 110V/220v, 60Hz, 5-6W)</u> - Materials for the Demonstration/Training: - Thread (for Buttonhole Sewing Machine): a. Length: 3,000 to 5,000 meters per spool Color: Match with fabric color (e.g., white, black, navy blue, beige) Quantity: 1 spool per color Material: 100% Polyester Core-Spun Thread b. Bobbin Thread: Length: 10,000 meters per cone Color: Same as upper thread or neutral (white or black)
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	Quantity: 2 cones Material: 100% Polyester <u>Two (2) Units of Button Sewing Machine</u> - Max. Sewing Speed: 1,500 sti/min - Number of stitches: 8,16, and 32 stitches - Needle: TQ×1(#16) #14~20 - Feed length (crosswise feed): 2.5 mm - 6.5 mm - Feed length (lengthwise feed): 0 mm - 4.5 mm - Applicable button: ● Round-shaped flat button (2-holed, 4-holed) ● Shank button, ● Wrapped-around button, ● Snap, ● Label, ● Metal button, ● Stay button - Button Size: φ10 mm - 28 mm - Thickness of button: 1.8 mm - 3.5 mm - Needle bar stroke: 48.6mm - Lift of the Presser Foot: 9 mm - Sewing System: Single Thread Chainstitch - Lubrication: By an oiler - Dimension: 510 mm * 350 mm * 400 mm (L*W*H) or manufacturer's standard - Motor : 400W – 750W (0.5 – 1 HP) - Power Supply: 220V AC, Single Phase, <u>60 Hz</u> - Inclusion: ● Standee / table top designed for the machine ● <u>1-unit LED Light (30 bulbs, 110V/220v, 60Hz, 5-6W)</u> - Materials for the demonstration/ training: - Thread (for Button Sewing Machine): a. Length: Standard cone – 3,000 - 5,000 meters per spool - Color: Match with fabric or button color (e.g., white, black, navy blue, beige) - Quantity: 1 spool per color - Material: 100% Polyester Core-Spun Thread b. Bobbin Thread: - Length: 10,000 meters per cone - Color: Same as top thread or neutral (white or black) - Quantity: 2 cones - Material: 100% Polyester
	ABACA PROCESSING FACILITY OF LGU CLAVERIA
3	<u>Four (4) Units Spindle/Stripping Machine</u> - Materials: Steel Framing - Dimension: 1,325 mm * 1,050 mm * 1,495 mm (L*W*H) or manufacturer's standard - Prime Mover: At least 10 HP brand new air cooled single Diesel Engine Operated - Safety Mechanism: Pedal Operated Clutch and Brake - Output Capacity: at least 100 kg per 8-hour operation per day (dry fiber) - Features: > Adjustable coil spring (high carbon steel) > Detachable Components (bolts and nuts) > Hard and Matured Wooden Spindle > Material: G. Melina (Conical Shape) > Minimum Size: Length - 360 mm Diameter at end 1 - 125 mm Diameter at end 2 - 95 mm > With Flywheel 25-30 kg - Performance Criteria: > Number of Tuxies per one stripping process: 5-7

	> Fiber Recovery: 19% (Minimum) > Stripping Efficiency: 86% (Minimum) > Stripping Loss: 14 % (Maximum) - Safety Feature/s: Emergency <u>Brake Pedal</u> • Tools and Accessories - 1 set Combination Wrench (Open and Box Type), Sizes: 14 mm, 15 mm, 18 mm, and 19 mm - 1 piece Adjustable Wrench - 1 piece Vise Grip - 1 set Grease Gun with Accessories - 1 set Earmuff (Hearing Protection) - 2 pieces Fan Belt, Size: B38 - 1 piece prime mover user's manual, - 1 piece spindle machine user's manual
4	<u>Two (2) Units Pedal / Motor- Powered Twining Machine</u> - Type of Operation Dual-mode: Manually operated by foot pedal or motor-powered with foot switch control - Control Mechanism: Foot switch for hands-free motor activation - Frame Material: Steel frame with rotating spindles - Dimension: 1.0 m * 0.5 m * 1.2 m (L*W*H) or Manufacturer's Standard - Power Supply: AC 220V, <u>60 Hz</u>. - Motor: 150 Watts DC Motor - Output Size: 1 mm – 3 mm twine - Output Capacity: 30 – 50 kg per 8-hour operation per day (depending on material and ply) - Material Feeding Type: Manual - Number of Twisting Hooks: 6 - 9 - Twining Speed: 300 – 600 rpm (motor-powered) - Features: • With Digital Speed Controller Display • With Speed Controller Knob • With Rotation Switch: Forward / Reverse • With heavy-duty drive belts • With replaceable bobbins • Can be used for cotton spinning • With Power On/Off Switch - Safety Features: Protective guard on twisting section, Emergency stop button <u>or its equivalent</u>, Non-slip pedal base
5	<u>Two (2) Units Heavy-Duty Sewing Machines</u> <u>1-Unit Binding Sewing Machine</u> - <u>Stitch Length: 0 mm - 5mm</u> - <u>Sewing Thickness: 7 mm - 10 mm</u> - <u>Max. Sewing Speed: 2,800 sti/min (adjustable)</u> - <u>Servo Motor:</u> > <u>Power: 60Hz, 220V</u> > <u>Pulley: 75 mm</u> > <u>Size: 370 mm * 290 mm * 270 mm (L*W*H)</u> - <u>Dimension: 585 mm * 260 mm * 525 mm (L*W*H) or manufacturer's standard</u> - <u>Needle: DPx5 - 16</u> - <u>Types of Compatible Fabric: Delicate synthetics to heavy-duty materials like leather, multiple layers of denim, Manila hemp (abaca), jute, sinamay, textiles to specialty papers and composites</u> <u>Inclusion/s:</u> - <u>Standee / table top designed for the machine</u> - <u>Thread Stand</u> - <u>1 pack needle (10 pcs/pack)</u> - <u>All - purposed oil - 100 ml/ bottle</u> - <u>1-unit LED Light (30 bulbs, 110V/220v, 60Hz, 5-6W)</u> - <u>3-unit Bobbin Rewinder</u>

	<u>1 unit Single Needle Lockstitch Sewing Machine</u> - <u>Application: Light to Medium weight</u> - <u>Lubrication: Oil Shielding System</u> - <u>Max. Sewing Speed: 5,500 sti/min</u> - <u>Max. Stitch Length: 5 mm</u> - <u>Presser Foot: By hand: 5.5 mm, By knee: 13 mm</u> - <u>Needle: DB × 1 (#9) #9~#21</u> - <u>Needle Bar Stroke: 30.7 mm</u> - <u>Servo Motor : 400W – 750W (0.5 – 1 HP)</u> - <u>Power Supply: 220V AC, Single Phase, 60 Hz</u> - <u>Dimension: 833 mm * 278 mm * 459 mm (L*W*H) or manufacturer's standard</u> - <u>Types of Compatible Fabric: Cotton, Linen, Polyester, Denim, Twill, Canvas</u> - <u>Inclusion:</u> • <u>Standee / table top designed for the machine</u> • <u>1-unit LED Light (30 bulbs, 110V/220v, 60Hz, 5-6W)</u> Materials for the demonstration/ training: a. Thread: Length: 5,000 meters per spool Color: Match with fabric color (e.g., white, black, beige, navy blue) Quantity per Color: 1 spool per color Material: 100% Polyester Core-Spun Thread b. Bobbin Thread: Length: 10,000 meters per cone Color: Same as upper thread or neutral (white or black) Quantity: 2 cones Material: 100% Polyester
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*For all equipment, the characters or information displayed on the screen/monitor as well as the operation and user manuals shall be in English or in a configurable language easily understood by the end-user.

**Provides detailed manuals and related information materials (in English language) for each equipment, or machinery delivered.

IV. SCOPE OF WORK OR SERVICES

- 4.1. The SUPPLIER / SERVICE PROVIDER shall SUPPLY & DELIVER, INSTALL OR SET-UP, CONDUCT FACE-TO-FACE FUNCTIONAL DEMONSTRATION, TESTING & TRAINING OF END-USERS & FACILITATE INITIAL TROUBLESHOOTING SUPPORT, as may be applicable, for all items specified under SECTION III. TECHNICAL SPECIFICATIONS within the set calendar days/delivery period upon receipt of Notice to Proceed to the identified locations of the end-user.

Lot No.	Description	Delivery Period & Location
1	CUSTOM APPAREL AND EMBROIDERY SERVICE FACILITY OF CSU - CARIG CAMPUS	Within <u>sixty (60)</u> calendar days from receipt of Notice to Proceed at Cagayan State University – Carig Campus, Tuguegarao City, Cagayan
	One (1) Unit of Embroidery Machine with Accessories and Embroidery Software	
	Two (2) Units of Buttonhole Sewing Machine	
	Two (2) Units of Overlock Sewing Machine	
	Two (2) Units of Button Sewing Machine	
	Five (5) Units of Single Needle Lockstitch Sewing Machine	

	Four (4) Units of Piping Sewing Machine	
2	UPGRADING OF GARMENT MANUFACTURING FACILITY FOR LGU ENRILE, CAGAYAN	<i>Within sixty (60) calendar days from receipt of Notice to Proceed at LGU Enrile, Cagayan</i>
	One (1) Unit of Embroidery Machine with Accessories and Embroidery Software	
	One (1) Unit of Buttonhole Sewing Machine	
	Two (2) Units of Button Sewing Machine	
	ABACA PROCESSING FACILITY OF LGU CLAVERIA	<i>Within sixty (60) calendar days from receipt of Notice to Proceed at LGU Claveria, Cagayan</i>
3	Four (4) Units Spindle/Stripping Machine	
4	Two (2) Units Pedal / Motor- Powered Twining Machine	
5	Two (2) Units Heavy-Duty Sewing Machine	

- 4.2. The Procuring Entity (PE) shall issue a Certification of Final Acceptance after ALL of the requirements in Section 4.1. are satisfactory complied by the SUPPLIER / SERVICE PROVIDER.

V. ELIGIBILITY OF SUPPLIER / SERVICE PROVIDER

The SUPPLIER / SERVICE PROVIDER shall submit all the required documentary requirements as prescribed in the bidding documents.

VI. APPROVED BUDGET FOR THE CONTRACT (ABC)

The Approved Budget for the Contract (ABC) shall be inclusive of taxes and other fees & charges necessary for the execution of the procurement project. The ABC for each lot/item per project is as follows:

Item / Lot No.	Description	Approved Budget for the Contract (ABC)
1	CUSTOM APPAREL AND EMBROIDERY SERVICE FACILITY OF CSU - CARIG CAMPUS	2,000,000.00
	One (1) Unit of Embroidery Machine with Accessories and Embroidery Software	
	Two (2) Units of Buttonhole Sewing Machine	
	Two (2) Units of Overlock Sewing Machine	
	Two (2) Units of Button Sewing Machine	
	Five (5) Units of Single Needle Lockstitch Sewing Machine	
	Four (4) Units of Piping Sewing Machine	
2	UPGRADING OF GARMENT MANUFACTURING FACILITY FOR LGU ENRILE, CAGAYAN	1,400,000.00
	One (1) Unit of Embroidery Machine with Accessories and Embroidery Software	
	One (1) Unit of Buttonhole Sewing Machine	
	Two (2) Units of Button Sewing Machine	
	ABACA PROCESSING FACILITY OF LGU CLAVERIA	
3	Four (4) Units Spindle/Stripping Machine	600,000.00

4	Two (2) Units Pedal / Motor- Powered Twining Machine	120,000.00
5	Two (2) Units Heavy-Duty Sewing Machine	120,000.00

VII. TERMS OF PAYMENT

The terms of payment with the SUPPLIER / SERVICE PROVIDER shall be as follows:

7.1. The schedule of payment shall be as follows:

Tranche	Percentage of Contract Price	Expected Outputs
1 st Payment	70%	Upon successful/complete delivery, installation, and inspection (conformity with the approved specifications of the Procuring Entity)
2 nd Payment	30 %	Upon satisfactory completion of the face-to-face/on-site functional demonstration, training of personnel on machine operation, maintenance and troubleshooting by the authorized/certified technician.
	100%	

- 7.2. The contract price, inclusive of taxes and other fees & charges shall be settled through LDDAP-ADA/eMDS/Bank Transaction preferably via Land Bank of the Philippines (LBP). For non-LBP accounts, other details and records may be required.
- 7.3. For lot or package procurements, the payment shall be released only after the full completion of Section IV. SCOPE OF WORKS OR SERVICES.
- 7.4. The payment of SUPPLIER / SERVICE PROVIDER shall be processed after satisfactory completion of the requirements of the PE and end-user's complete submission of all required documents to the concerned Administrative and Finance Units/Division.

VIII. SERVICE LEVEL AGREEMENT

The DTI REGION 2 shall maintain a Service Level Agreement (SLA) with the SUPPLIER / SERVICE PROVIDER with the following details:

Components	Description	Penalty
8.1. Delivery	The SUPPLIER / SERVICE PROVIDER shall complete Section IV. SCOPE OF WORKS OR SERVICES	The DTI REGION 2 shall impose Liquidated Damages (LD) one-tenth of one percent (1/10 of 1%) of the cost of the particular item/unit/lot undelivered for every day of delay. The amount of LD shall be deducted from total contract price or warranty security.
8.2. Replacement	The SUPPLIER / SERVICE PROVIDER shall, at no additional cost to the PE, replace any GOODS found to be non-compliant with the approved technical specifications/requirements and defective or damaged during inspection. Such replacement shall be made within the delivery period.	
8.3. Repair	After the final acceptance by the PE, the SUPPLIER / SERVICE PROVIDER shall, at no additional cost to the PE, repair any parts, components, or accessories found defective or damaged within the warranty period. Such repair should be completed within ten (10) working days from the date the defect is reported. If the GOODS is/are beyond repair, the SUPPLIER / SERVICE PROVIDER shall replace with a brand-new unit of the same brand or of equal or better specifications, within thirty (30) calendar days or as may be approved by the PE.	
8.4. Coverage	The SUPPLIER / SERVICE PROVIDER shall guarantee that GOODS delivered/provided are free from manufacturing defects and to repair or replace them at no cost to the PE during the warranty period. The warranty shall cover defects or damages which includes the following: • Manufacturing defects (e.g., faulty wiring, poor assembly, defective parts); • Premature failure despite normal operation;	

	• Malfunction due to poor material quality or workmanship; • Hidden defects discovered after acceptance; • Software or firmware malfunctions (for IT equipment); • Components that fail before their expected service life; and • Other analogous cases. Meanwhile, the following are not covered by warranty: • Failure, defect, damage, or malfunction resulting from causes beyond the control of the Supplier, including but not limited to acts of God, natural calamities, war, civil disturbances, strikes, government restrictions, fire, flood, or any other event constituting force majeure; • Wear and tear due to normal use; • Fading, rust, discoloration or scratches due to age or environment; • Consumables that require regular replacement; • Damage caused by mishandling, negligence or improper use; • Unauthorized modifications/repairs or use of incompatible accessories; • Deterioration due to exposure to dust, moisture or extreme heat beyond operating specs; and • Other analogous cases.	
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IX. WARRANTIES OF THE CONTRACTOR

- 9.1. The SUPPLIER / SERVICE PROVIDER warrants that it shall conform strictly to all the terms and conditions of this Terms of Reference.
- 9.2. The SUPPLIER / SERVICE PROVIDER shall provide sufficient supply of appropriate parts and assign qualified local technicians for the whole duration of the contract or warranty period to address machine/equipment breakdown.
- 9.3. The SUPPLIER / SERVICE PROVIDER shall ensure availability of after-sales services and prompt response within five (5) working days from date of notice.
- 9.4. The SUPPLIER / SERVICE PROVIDER shall coordinate with the authorized and/or designated DTI REGION 2 personnel in the performance of their responsibilities and obligations.
- 9.5. The SUPPLIER / SERVICE PROVIDER shall be liable for loss, damage or injury due directly or indirectly through the fault or negligence of its personnel. It shall assume full responsibility and the DTI REGION 2 shall be specifically released from any and all liabilities arising therefrom.
- 9.6. The SUPPLIER / SERVICE PROVIDER shall neither assign, transfer, pledge, nor subcontract any part or interest therein.
- 9.7. The SUPPLIER / SERVICE PROVIDER shall give DTI REGION 2 the right to audit any or all activities performed by the SUPPLIER / SERVICE PROVIDER in the discharge of responsibilities and obligations regarding the procurement project.
- 9.8. The SUPPLIER / SERVICE PROVIDER shall provide a warranty minimum of three (3) months for expendable items (consumables or accessories) and twelve (12) months for non-expendable (parts/equipment) effective from the date of acceptance.

X. SETTLEMENT OF DISPUTES

- 10.1. If any dispute or difference of any kind whatsoever shall arise between the parties in connection with the implementation of the contract covered by the Act and 2016 RIRR, the parties shall make every effort to resolve amicably such dispute or difference by mutual consultation.
- 10.2. Any and all disputes arising from the implementation of a contract covered by the Act and 2016 RIRR shall be submitted to arbitration in the Philippines according to the provisions of R.A. No. 876, otherwise known as the "Arbitration

Law" and R.A. No. 9285, otherwise known as the "Alternative Dispute Resolution Act of 2004".

**XI. PRE-TERMINATION OF CONTRACT, RESERVATIONS AND RIGHTS OF THE
PROCURING ENTITY**

- 11.1. The contract with the SUPPLIER / SERVICE PROVIDER for the above procurement project may be pre-terminated by the DTI REGION 2 for any violations of the terms of the contract within thirty (30) calendar days.
- 11.2. In case the total sum of liquidated damages reaches ten percent (10%) of the total contract price, the DTI REGION 2 may rescind or terminate the contract, without prejudice to other courses of action and remedies available under the circumstances.
- 11.3. The DTI REGION 2 reserves the right to withheld payments if the requirements are not satisfactorily complied based on the issued bidding documents, purchase order and related supporting documents.
- 11.4. The DTI REGION 2 reserves the right to reject any and all bids, declare a failure of bidding, or not award the contract at any time prior to contract award in accordance with the 2016 Revised Implementing Rules and Regulations (RIRR) of Republic Act. (RA) No. 9184 without thereby incurring any liability to the affected SUPPLIERS / SERVICE PROVIDERS.
- 11.5. All the provisions of RA No. 9184 and its RIRR including the Generic Procurement Manual, and associated issuances, constitute the primary source for the terms and reference of the Contract, and thus, applicable in the contract implementation.

Details of the Supplier / Service Provider:

Company Name:	
Company Address:	
Name of Representative & Position:	
Mobile Number:	
Email Address:	
TIN:	
Bank Account Details: <i>*Preferably LBP Acct.</i>	Acct. Name: Acct. No: Branch:
I acknowledge that I have read , understood and conform with the details of this Terms of Reference	
NAME, SIGNATURE OF AUTHORIZED REPRESENTATIVE / DATE SIGNED	