

Bid Bulletin No. 1

**“Supply, Delivery, Installation, and Commissioning of Various Sewing Machines for the Shared Service Facility (SSF)”
Bidding No. 21-024**

August 18, 2021

This Bid Bulletin No. 1 is hereby issued to modify or amend the Bidding Documents.

1. Schedule of Proceedings

Activity	Schedule
Pre-bid Conference	<p>August 24, 2021, 9:30 AM for Pre-Bid Conference through video conference with the following details:</p> <p>Zoom Meeting Details: https://zoom.us/j/97211469840?pwd=OVFiYmMvR0dTV2RhR3pYT1U0TVMwZz09</p> <p>Meeting ID: 972 1146 9840 Passcode: 640122</p>
Submission and Opening of Technical and Financial Bids	<p>September 6, 2021, 9:00 AM for Submission and 9:30 AM for Opening of Technical and Financial Documents through video conference with the following details:</p> <p>Zoom Meeting: https://zoom.us/j/97174407295?pwd=SmxuUEg0ZW9ES2NBOFUxV1hxaVg2QT09</p> <p>Meeting ID: 971 7440 7295 Passcode: 606903</p>

2. Section VII. Technical Specifications

LOT NO. 1

1. **High Speed Sewing Machine (6 units)**
 - a. Single Needle Direct Drive Lock Stitches
 - b. Application: for medium weight materials (all apparel, t-shirts, medium weight leather, medium weight denim)
 - c. Sewing speed: 4000sti/min to 5000sti/min
 - d. Stitch length: 2mm to 7mm (default setting: 2mm)
 - e. Presser foot high
 - f. Presser bar lifter: 3mm to 6mm, knee Lifter: 8mm to 13mm
 - g. Needle Bar stroke: 31mm – 35mm
 - h. Needle (DBx1)

**Supply, Delivery, Installation, and Commissioning of Various Sewing Machines for the Shared Service Facility (SSF)
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17 August 2021

- #11 - #18 (Nm75*110)
- #19 - #22 (Nm120-140)
- i. Height of feed dog: .08mm-1.2mm
- j. Motor: AC clutch motor or servo motor
- k. Power: 200V-240V, 60Hz, Single phase
- l. Hand switch or Automatic

2. Button Hole (1 unit)

- a. Minimum resolution of needle zigzag is fined to minimum of 0.05mm, preventing the fuzz caused by the cutter. It's capable for various fine sewing patterns.
- b. Application: Woven articles such as shirts, blouses, work clothes and ladies attire; Knitted article such as under wears, sweaters, cardigans and jerseys.
- c. Sewing speed: 2,500 - 4,000 sti/min
- d. Zigzag mechanism: pulse motor
- e. Feed mechanism: pulse motor
- f. Work clamp lifter mechanism: pulse motor
- g. Height of work clamp: 5.5mm - 13mm (adjustable)
- h. Cutter drive motor: Double position solenoid
- i. Lower thread holding device: standard equipment
- j. Bobbin presser: Standard equipment
- k. Standard pattern shapes: at least 21 types (can be programmable up to 3,000 stitches)
- l. Standard Needle
 - 2 (Schmetz 134 Nm90)
 - 3 (Schmetz 134 Nm75)
- m. Data Storage method – SD card, at least 32GB
- n. Power: 220-240V, 60 Hz, Single phase
- o. Cutter size: 6.4mm (1/4) - 9.5mm (3/4)
- p. Standard Needle Hole
 - 2 (1.2mmS) (1.4mmS) (1.6mmS)
 - 3 (1.2mm) (1.4mm) (1.6mm)
- q. Standard Button Hole
 - 2 (16mm) (25mm) (32mm)
 - 3 (16mm) (25mm) 32mm)

3. Flatbed High Speed Machine (1 unit)

- a. Sewing Speed – 5,000 - 6,000 spm
- b. Application: Heavy weight materials (for heavy weight denim and leather)
- c. Minimum stitch length - 4.4 mm
- d. Minimum Presser foot lift - 5.0 mm
- e. Power: 220-240V, 60Hz, Single phase

4. Hi-Speed Sewing Machine (15 units)

- a. Application: for medium weight materials (all apparel, t-shirts, medium weight leather, medium weight denim)
- b. Sewing speed: 4,000 - 5,500 Stitches per minute
- c. Stitch length: 5mm – 7mm
- d. Needle bar stroke: 30mm - 37mm
- e. Minimum Lift of the presser foot by hand: 5.5mm
- f. Minimum Lift of the presser foot: 13mm
- g. Needle (adjustable): DBx1 #9~#18 / 134 (Nm90)
- h. Feed dog: 3 - 4-row
- i. Hook: Automatic-lubricating full-rotary hook
- j. Lubrication: Automatic
- k. Lubricating oil: based on ISO Standards

- l. Power: 220-240V, 60 Hz, Single phase

- 5. Post bed type Machine (1 unit)**
 - a. Stitch Length: 2mm – 7mm
 - b. Over edge width: 1.5mm – 6mm
 - c. Pressure Foot Lift: 4mm to 7mm
 - d. Differential Feed Ratio: 1:0.6 – 1:2
 - e. Power: 200-240V, 60 Hz, Single phase

- 6. Interlock Stich Piping Sewing Machine (2 units)**

Application: light to medium weight materials

 - a. Max. Speed: 6,000sti/min
 - b. Stitch Length: default 3mm
 - c. Pressure Foot Lift: 3mm to 5mm
 - d. Differential Feed Ratio: 1:0.6 – 1:2
 - e. Power: 220-240V, 60 Hz, Single phase

- 7. 4 THREADS OVEREDGER MACHINE (1 unit)**
 - a. Stitch type – 2 needle 4 thread
 - b. Apply to light and medium weight material
 - c. Sewing speed – 4000 - 6000 RPM
 - d. Stitch length – 0.8 ~ 4.0 mm
 - e. Power: 200-240V, 60 Hz, Single phase

- 8. Flatbed Single Needle Low Feed with Automatic Under Trimming & Back Tacking Bag Upper Stitch Sewing Machine (6 units)**
 - a. Sewing Speed: 4,000spm – 5,000spm
 - b. Lifting of Processor Foot (Hand knee): 5mm - 13 mm
 - c. Stitch Length: 2mm to 7mm
 - d. Needle Bar Stroke: 30mm - 35mm
 - e. Needle system: DB x 1 (#14-#23)
 - f. Power Requirement: Single phase, 220V, 60Hz
 - g. Servo Motor
 - h. Dimensions: Manufacturer's Specifications
 - i. Outlet 2 gang compatible
 - j. Spare parts (Accessories: oiler, bobbins, allen, screw driver, screws)
 - k. Specification plate
 - l. Manual

- 9. Post Bed Single Needle Low Feed Sewing Machine (3 units)**
 - a. Power requirements: Single Phase, 220V, 60Hz
 - b. Speed Sewing: adjustable from 1000 - 2400spm
 - c. Stitch Length: adjustable from 2mm – 7mm
 - d. Lift of Presser Foot(knee): 5mm - 11mm
 - e. Needle System: DP x 5 (adjustable from #14 – #19)
 - f. Needle Bar Stroke: 30mm - 36mm
 - g. Servo Motor
 - h. Dimensions – Manufacturer's Specifications
 - i. Spare parts (Accessories: oiler, bobbins, allen, screw driver, screws)
 - j. Two prong plug
 - k. Specification plate
 - l. Manual

- 10. Cylinder Bed Single Needle Sewing Machine with Unison Feed (Binding Type/Large Hook), Elliptical Movement of Bottom Feed for Normal Stitch (3 units)**

**Supply, Delivery, Installation, and Commissioning of Various Sewing Machines for the Shared Service Facility (SSF)
(Bidding No. 21-024)**

17 August 2021

- a. Power Requirement: Single Phase, 220V, 60Hz
- b. Direct Drive Servo Motor
- c. Sewing Speed: adjustable from 1,000spm - 2,000spm
- d. Lifting Pressure Foot (knee): 11mm - 15mm
- e. Needle Bar Stroke: #18 - #22
- f. Standard Diameter Cylinder Bed: 47mm
- g. Dimensions: Manufacturer's Specifications
- h. Two prong plug
- i. Spare parts (Accessories: oiler, bobbins, allen, screw driver, screws)
- j. Specification plate
- k. Manual

11. Flatbed Zigzag Single Needle Sewing Machine (3 units)

- a. Machine to create a Back-and-Forth used where a straight stitch will not suffice, such as reinforcing buttonholes stitching stretchable fabrics, and in temporarily joining work pieces edge-to-edge
- b. Power Requirement: Single Phase ,220V, 60Hz
- c. Speed Sewing: adjustable from 1,000 - 2,000spm
- d. Stitch length: adjustable from 5mm - 12mm
- e. Width of Zigzag: adjustable from 8mm - 12mm
- f. Needle System – DPx5 (adjustable from #14 - #19)
- g. Needle Bar Stroke: 20mm - 34.8 mm
- h. Dimensions – Manufacturer's Specifications
- i. Servo Motor
- j. Spare parts (Accessories: oiler, bobbins, allen, screw driver, screws)
- k. Two prong plug
- l. Specification plate
- m. Manual

12. Edging Machine (Interlock edging 3 needles) (1 unit)

- a. Power Requirement: Single Phase, 220-240V, 60Hz
- b. Sewing Speed: 4,000 - 6,000 rpm
- c. Stitch length – 0.8 ~ 4.0 mm
- d. 1,300 stitches per minute (minimum)
- e. thread capacity - 3 | 4 | 5
- f. Apply to light and medium weight material

13. Edging Machine (2 units)

- a. Stitch Type: 2-Needle Overlock
- b. Sewing speed: 5,000 - 7,000 Stitches Per Minute
- c. Stitch length: 0.6mm ~ 4.5 mm
- d. Standard Needle gauge (mm): 2.0mm
- e. Over edging width (mm): 2.0, 3.0, 4.0
- f. Differential feed ratio:
 - For gathering: 1:2 to 1:4
 - For stretching: 1:0.6 to 1:0.7
- g. Needle bar stroke: 24.5mm – 27mm
- h. Standard Inclination angle of the needle: 20°
- i. Standard Needle bar bushing: Lower bushing method
- j. Standard Needle: DC 27
- k. Standard Lift of the presser foot: 7mm
- l. Standard Presser foot pressure: 63.7N (6.5kg)
- m. Stitch adjusting method: By push-button
- n. Differential-feed adjusting method: By lever (with micro-adjustment)
- o. Lubrication: Automatic
- p. Lubricating oil: ISO Standard

**Supply, Delivery, Installation, and Commissioning of Various Sewing Machines for the Shared Service Facility (SSF)
(Bidding No. 21-024)**

17 August 2021

- q. Needle cooler: Provided as standard
- r. Needle thread heat remover: Provided as standard
- s. Micro-lifter: Standard

14. Edging Sewing Machine (2 units)

- a. 2-Needle, 5-thread, Super High Speed, Safety Stitch, Overlock Machine (Medium-weight material, plain seaming), Standard type
- b. Sewing Speed – 4,000 - 6,000 rpm
- c. 1,300 stitches per minute (minimum)
- d. thread capacity - 3 | 4 | 5
- e. Servo Motor
- f. Outlet 2 gang compatible
- g. Spare parts (Accessories: oiler, bobbins, allen, screw driver, screws)
- h. Power requirements: Single Phase, 220V,60Hz
- i. Specification plate
- j. Manual

LOT NO. 2**1. Computerized Embroidery Machine (Full-featured embroidery machine with large embroidery area) (3 units)**

- a. Single Head, Single Needle Computerized with software
- b. Embroidery Speed: 800 – 1,200 spm
- c. Standard Embroidery Area: 160mm x 260mm
- d. Built-in Embroidery Patterns: at least 138
- e. Built-in Embroidery Fonts: at least 11
- f. On-Screen Editing: Yes
- g. USB Port: Yes
- h. Jump Stitch & Wiper Function: Yes

2. Software for Embroidery (2 units)

- a. Any brand of software for Bag designing
- b. Version: 2015 up to present

3. Multi-function 4 heads 15 needles flat Embroidery machine including design software (1 unit)

- a. 4 heads
- b. Built-in 10" LCD Touch Screen
- c. Connection: USB-Computer-Wifi
- d. Standard speed: 1200 rpm
- e. Embroidery area: 400x450mm (Manufacturer's standards)
- f. Servo Motor
- g. Memory size: at least 100 million stitches
- h. Head interval: 400mm (Manufacturer's standards)
- i. Dimensions: Manufacturer's specifications
- j. Power requirements: Single Phase, 220V, 60Hz
- k. Two prong plug
- l. Spare parts (Accessories: oiler, bobbins, allen, screw driver, screws, repair tools)
- m. Specification plate
- n. Manual
- o. Design Software: compatible with the offered unit

LOT NO. 3

1. Fabric Cutting Machine (2 units)

- a. Motor: 220V, Single phase, 60Hz
- b. Single Speed: Standard
- c. Horsepower: 0.65Hp – 1Hp
- d. Weight: Standard weight of 34 lbs. (15.4 kg)
- e. Blades: Standard: Carbon Steel
 - Optional: High Speed Steel, PTFE Coated, Wave Edge, Wave (can be installed)
- f. Groove, Angled Tip
- g. Belts: Standard: Medium Grit
 - Optional: Fine, Coarse, Rough, Micro Fog, Plastic Master, Auto-Stop
- h. Stroke Sizes:
 - 1.125 in. (2.86 cm)
 - 1.25 in. (3.18 cm)
 - 1.5 in. (3.81 cm); and
 - 1.75 in. (4.45 cm)
- i. Blade Size: at least 8 inches (20.3cm) or must be compatible with the offered unit
- j. Cutting Capacity: at least 6.5 inches (16.5cm)

2. Automatic Fixed Style Thread Trimmer Machine (2 units)

- a. Type: Fixed
- b. Power: 400W
- c. Frequency: 50 – 60 Hz
- d. Voltage: 220V, Single Phase, 60Hz
- e. Speed: 2850 – 3450 rpm
- f. Measurement: at least 525mm x 330mm x 600mm
- g. Power consumption: at least 3.2 Amp

3. Skiving Machine (1 unit)

- a. Speed: 1000-1200 R.P.M.
- b. Motor: ½ H.P. Clutch Motor
- c. Grinding width: 10mm – 50mm
- d. Power: 220V, Single Phase, 60Hz

4. Round Cloth Cutting Machine (1 unit)

- a. Power Source: 220V, Single Phase, 60Hz
- b. Low blade mechanism:
 - Knife guard
 - Blade length – at least 4 inches
 - Cutting capacity – at least 25 mm; Power rating: at least 100W
 - Speed – at least 600rpm

5. Skiving Machine (4 units)

- a. Maximum Width Plain Skiving: 50mm
- b. Machine Speed: 1200 rpm
- c. Edge and whole surface skiving of any leather, vinyl and rubber materials for bags, belts, gloves, shoes, wallets
- d. Dimensions: Manufacturer's specification
- e. Power requirements: Single PH, 220V, 60Hz
- f. Two prong plug
- g. Spare parts (Accessories: oiler, allen, screw driver, screws)
- h. Specification plate
- i. Manual

6. High Precision 420mm Width PLC Band Knife Leather PU PVC Splitting Machine (1 unit)

- a. Power requirement: Single Phase, 220V, 60Hz
- b. Width of split: at least 420mm
- c. Thickness of split: minimum 0.5mm (adjustable up to 8mm)
- d. Specification of band knife: at least 3570x50x0.6mm
- e. Two prong plug
- f. Spare parts (Accessories: oiler, allen, screw driver, screws)
- g. Specification plate
- h. Manual

7. Hydraulic Cutting Press (1 unit)

- a. Standard Cutting area: 610x1600mm
- b. Standard 2 hydraulic cylinder
- c. Standard Feeding system: Flexible sliding table
- d. Cutting system: Auto balance
- e. Stroke: 50mm-240mm
- f. Application: Leather, fabric, cloth, non-woven cloth
- g. Dimensions – Manufacturer’s specifications
- h. Power requirements: Single Phase, 220V, 60Hz
- i. Spare parts (Accessories: oiler, repair tools, allen, screw driver, screws)
- j. Specification plate
- k. Manual

8. Multi-knife Slitting Machine Universal (1 unit)

- a. Fabric width: minimum of 1.35M, (adjustable up to 2.40M)
- b. Fastest cutting speed: at least 200 meter/min
- c. Cutting diameter: 300mm to 800mm
- d. Minimum cutting width: 10mm (adjustable up to 3 inches)
- e. Thickness of cutting material: 0 (adjustable up to 2.5mm)
- f. Power requirement: Single Phase, 220V, 60Hz
- g. Standard Machine Dimension: L 2.2m * W 1.2m * H 1.2m
- h. Spare parts (Accessories: blades, oiler, allen, screw driver, screws)
- i. Manual

OTHERS (FOR ALL THE MACHINES):

1. One (1) year warranty on Parts and Services.
2. Four (4) hours of training for the use of the machine.
3. Must have an Authorized Service Center within Metro Manila.

SUMMARY OF DELIVERY AREA AND QUANTITY OF MACHINE PER AREA

Name of Machine	No. of Units	Contact Persons for the delivery of the Machine
Unit 3, 3rd flr. Bocobo Commercial Center 1253 J. Bocobo St. cor. Padre Faura St., Ermita, 1000 Manila		
High Speed Sewing Machine	5	Carmelita Nuqui, Exec Director/ Mary Joy Barcelona Contact Nos. 0920 949 9920/0999 692 6163 email address:
Interlock Stich Piping Sewing Machine	1	
Button Hole	1	

Supply, Delivery, Installation, and Commissioning of Various Sewing Machines for the Shared Service Facility (SSF) (Bidding No. 21-024)

17 August 2021

Flatbed High Speed Machine	1	melnuqui@hotmail.com/maryjoybarcelona@yahoo.com Location: Unit 3, 3rd Floor Bocobo Commercial Center 1253 J. Bocobo St. corner Padre Faura St. Ermita, 1000 Manila Cooperator: Development Action for Women Network, Inc. (DAWN) SSF PROJECT: Weaving and Sewing Facilities for Sikap-Buhay
Edging Machine (Interlock edging 3 needles)	1	
Computerized Embroidery Machine (Full-featured embroidery machine with large embroidery area)	1	
Camia St. Libis, Area A, Brgy. 175, Camarin, Caloocan City		
Hi-Speed Sewing Machine	15	Richard D. Arceno, Managing Director Contact Nos. 8806-5023 Location: Camia St. Libis, Area A, Brgy. 175, Camarin, Caloocan City Cooperator: Bigay Buhay Multi-Purpose Cooperative SSF Project: Enhancement/Expansion of bigay Buhay Multi-Purpose Cooperative Sewing Center Email: bbmc_coop@yahoo.com
Edging Machine	2	
Computerized Embroidery Machine (Full-featured embroidery machine with large embroidery area)	2	
Fabric Cutting Machine	2	
Automatic Fixed Style Thread Trimmer Machine	2	
97 Old J.P. Rizal St., Brgy. Kalumpang, Marikina City		
Flatbed Single Needle Low Feed with Automatic Under Trimming & Back Tacking Bag Upper Stitch Sewing Machine	6	Melody Marcelo MBLAI Finance Officer Cooperator: Manufacturers of Bags and Leathergoods Association (MBLAI) Contact No. 0917 509 6779 Location: 97 Old J.P. Rizal St., Brgy. Kalumpang, Marikina City MBLAI email address: corazon.mblai@yahoo.com and mblai2021@yahoo.com
Post Bed Single Needle Low Feed Sewing Machine	3	
Cylinder Bed Single Needle Sewing Machine with Unison Feed (Binding Type/Large Hook), Elliptical Movement of Bottom Feed for Normal Stitch	3	
Flatbed Zigzag Single Needle Sewing Machine	3	
Edging Sewing Machine	2	
Software for Embroidery	2	

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(Bidding No. 21-024)

17 August 2021

Multi-function 4 heads 15 needles flat Embroidery machine including design software	1	
Skiving Machine	4 (Lot No. 3, Item No. 5)	
High Precision 420mm Width PLC Band Knife Leather PU PVC Splitting Machine	1	
Hydraulic Cutting Press	1	
Multi-knive Slitting Machine Universal	1	
#61 Masikap Ext. Brgy, Central, Diliman, Quezon City		
High Speed Sewing Machine	1	<p style="text-align: center;">Julius Domingo Contact Nos. 8929 3665/0927 858 7603 Location: #61 Masikap Ext. Brgy. Central, Diliman, Quezon City Cooperator: CustomMade Crafts Center, Inc. SSF Project: SSF on Sewing, Bag Making and Product Finishing Julius Domingo email address: julez_88@yahoo.com</p>
Post bed type Machine	1	
Interlock Stich Piping Sewing Machine	1	
4 Threads Overedger Machine	1	
Skiving Machine	1 (Lot No. 3, Item No. 3)	
Round Cloth Cutting Machine	1	

For the guidance and information of all concerned.

*SGD.***MARY JEAN T. PACHECO**

Assistant Secretary

Chairperson, DTI Bids and Awards Committee