



कालिका गाउँपालिका
गाउँ कार्यपालिकाको कार्यालय



प.सं. २०८२/०८३

च.नं. :

कालिका गाउँपालिका
गाउँ कार्यपालिकाको कार्यालय
धैबुङ, रसुवा
बागमती प्रदेश
२०७२

फोन: ०१०-५४२०९८

विषय : सिलाई मेसिन, ४ श्रेड मेसिन तथा बाला बनाउने मेसिन उपलब्ध गराउने सम्बन्धी सूचना ।

(प्रथम पटक प्रकाशित मिति: २०८३/०३/०३)

कालिका गाउँपालिका रसुवाको आ.व. २०८२/०८३ को गाउँपालिका तर्फको स्वीकृत वार्षिक कार्यक्रम अनुसार गाउँपालिकाको कार्यालयलाई आवश्यक पर्ने सिलाई मेसिन, ४ श्रेड मेसिन तथा बाला बनाउने मेसिन उपलब्ध गराउन इच्छुक फर्म वा व्यवसायीहरूले यो सूचना प्रकाशित मितिले ३ (तिन) दिन भित्र कालिका गाउँपालिकाको कार्यालयमा यसै सूचना साथ संलग्न गरिएको BOQ मा हस्तलिखित विवरण भरी आवश्यक कागजात सहित सूचीकृत भई के-कति दररेटमा उपर्युक्त अनुसारको सिलाई मेसिन, ४ श्रेड मेसिन तथा बाला बनाउने मेसिन उपलब्ध गराउन सकिन्छ, सो सम्बन्धमा सिलबन्दी प्रस्ताव समेत पेश गर्नुहुन जानकारी गराइन्छ ।

तपसिल :

१. सक्कल निवेदनको साथमा BOQ सहितको दररेट,
२. फर्म वा व्यवसाय दर्ता,
३. प्यान/भ्याट दर्ता
४. आ.व. २०८१/०८२ को कर चुक्ता ।

धर्मराज न्यौपाने
प्रमुख प्रशासकीय अधिकृत

कालिका गाउँपालिका
गाउँ कार्यपालिकाको कार्यालय
रसुवा ।

सिलाई मेसिन सामग्री खरिद तथा व्यवस्थापन ।

कार्यालयको कुल लागत अनुमान रु. ५,८४,००९.०० अघाट सहित

[Handwritten Signature]



क्र. सं.	सामानको नाम	स्पीसिफिकेसन	एकार्ड	परीणाम	प्रति एकार्ड मूल्य अंकमा	प्रति एकार्ड मूल्य अक्षरमा	जम्मा मूल्य	कैफियत
१.	सिलाई मेसिन	यसैसाथ संलग्न गरिएको	पिस/थान	१				
२.	४ ग्रेड मेसिन	यसैसाथ संलग्न गरिएको	पिस/थान	२				
३.	वाला बनाउने मेसिन		पिस/थान	१				
जम्मा रकम (मू.अ. कर बाहेक)								
१३% मू.अ. कर बापतको रकम								
कुल जम्मा रकम								

कार्यालयको

नाम :

ठेगाना :

हस्ताक्षर :

कार्यालयको छाप :

TECHNICAL SPECIFICATION

Industrial Overlock / Serger Sewing Machine

4-Thread | Electric Motor Driven | Differential Feed | Auto Edge Trimmer

1. Technical Specifications

Technical Parameter	Required Specification
Machine Type	Industrial Overlock / Serger Sewing Machine (Electric Motor Driven)
Stitch Type	Overlock Stitch (ISO Stitch Type 504 / 514)
Number of Threads	4 Threads (2 Needle + 2 Looper) — capable of 3/4 thread operation
Number of Needles	2 Needles (Double Needle) with option for single needle operation
Drive System	Electric Motor (Clutch Motor / Belt Drive)
Maximum Sewing Speed	Minimum 6,000 stitches per minute (r/min)
Stitch Length	1.0 – 4.0 mm (adjustable)
Stitch Width	3.0 – 7.0 mm (adjustable)
Needle Type	DCx27 or equivalent Industrial Overlock Needle
Needle Bar Stroke	Minimum 28 mm
Presser Foot Lift	Minimum 7 mm
Presser Foot Pressure	Adjustable (Maximum approx. 63.7 N / 6.5 kg)
Differential Feed Ratio	0.7 : 1 to 2.0 : 1 (adjustable — for gathering and stretching)
Feed Mechanism	Drop Feed with Differential Feed Dog
Edge Trimming	Automatic Fabric Edge Trimmer (Upper and Lower Knife)
Thread Tension Control	Individual Manual Thread Tension Dials for each thread
Lubrication	Automatic / Semi-Automatic Oil Supply System
Control Panel	Digital Display Panel with speed and program adjustment controls
Applicable Material	Light to Medium Weight Fabrics (Knit, Cotton, Polyester, T-shirt, Garments, etc.)
Power Supply	Single Phase, 220V / 50 Hz
Motor Power	Minimum 400 W Electric Motor
Machine Body	Heavy Duty Cast Iron / Aluminium Alloy Body
Certification	CE, ISO 9001 or equivalent international standard
Condition	Brand New

Technical Parameter	Required Specification
Warranty	Minimum One (1) Year against manufacturing defects
Country of Origin	As per supplier declaration

2. Key Functional Features

- 4-thread overlock stitch simultaneously trims, encloses, and stitches fabric edges in a single pass.
- Adjustable stitch width and length for versatility across different fabric types and seam requirements.
- Differential feed mechanism prevents fabric stretching on knit/jersey fabrics and enables gathering.
- Automatic upper and lower knife system trims fabric edge cleanly during sewing.
- Individual thread tension dials for each thread allow fine control of stitch quality.
- Electric motor (clutch/belt drive) powered for continuous industrial sewing operations.
- Digital control panel for speed adjustment and operation settings.
- Automatic lubrication system ensures consistent machine performance and longevity.
- High sewing speed of minimum 6,000 stitches per minute for industrial productivity.
- Suitable for garment manufacturing, tailoring units, vocational training centers, and cottage industries.

3. General Conditions

- Machine shall be supplied in brand new, factory-packed condition.
- Complete accessories including needles, presser foot, upper and lower knives, screwdriver, oil can, and user manual to be provided.
- Machine shall carry CE and ISO 9001 certification or equivalent international standard.
- Machine shall be warranted for minimum one (1) year from date of delivery against manufacturing defects.
- Power supply compatibility: Single Phase 220V / 50 Hz.
- Supplier shall provide installation and operational demonstration at the delivery site.

Note: If supplier has the only relevant items available and it complies then the equipment shall be acceptable.



Er. Saroj Neupane

Mechanical Engineer (NEC Regd No: 2329, "A")

Contact No: 9843569324

sarz.neupane@gmail.com


TECHNICAL SPECIFICATION

Industrial Lockstitch Sewing Machine

Single Needle | Electric Motor Driven | Lockstitch

1. Technical Specifications

Technical Parameter	Required Specification
Machine Type	Single Needle Lockstitch Industrial Sewing Machine (Electric Motor Driven)
Stitch Type	Lockstitch (ISO Stitch Type 301)
Number of Needles	Single Needle
Number of Threads	Double Thread (Needle Thread & Bobbin Thread)
Drive System	Electric Motor (Clutch Motor / Belt Drive)
Maximum Sewing Speed	Minimum 5,000 stitches per minute (r/min)
Stitch Length	0 – 5 mm (adjustable)
Presser Foot Lift	Minimum 5 mm (knee lifter or manual lever)
Needle Bar Stroke	30.7 mm
Needle Type	DB×1 (Standard Industrial Needle)
Feed Mechanism	Drop Feed (Bottom Feed)
Thread Trimming	Manual Thread Trimmer (Knife/Cutter fitted on machine)
Backtacking	Manual Reverse Lever for Backtacking
Thread Tension Control	Manual Thread Tension Dial
Bobbin System	Horizontal Rotary Hook, Standard Capacity Bobbin
Lubrication	Manual or Semi-Automatic Lubrication (Oil Wick/Pump System)
Applicable Material	Light to Medium Weight Fabrics (Garments, Cotton, Polyester, Light Denim, etc.)
Power Supply	Single Phase, 220V / 50 Hz
Motor Power	Minimum 400 W Electric Motor
Noise Level	Acceptable industrial noise level with stable operation
Machine Head Material	Heavy Duty Cast Iron / Aluminium Alloy Body
Certification	CE, ISO 9001 or equivalent international standard
Condition	Brand New
Warranty	Minimum One (1) Year against manufacturing defects



Technical Parameter	Required Specification
Country of Origin	As per supplier declaration

2. Key Functional Features

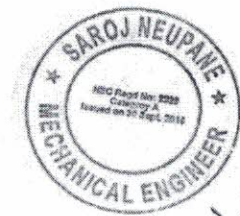
- Electric motor (clutch/belt drive) powered machine suitable for continuous industrial sewing operations.
- Single needle lockstitch mechanism producing strong, durable seams suitable for garment manufacturing.
- Adjustable stitch length for versatility across different fabric types and seam requirements.
- Manual reverse lever for backtacking at beginning and end of seams.
- Manual thread tension dial for operator-controlled stitch tightness.
- Robust cast iron / aluminium alloy body for durability and vibration-free operation.
- High sewing speed of minimum 5,000 rpm ensuring industrial-level productivity.
- Suitable for garment manufacturing, tailoring units, vocational training centers, and cottage industries.

3. General Conditions

- Machine shall be supplied in brand new, factory-packed condition.
- Complete accessories including bobbins, needles, presser foot, screwdriver, oil can, and user manual to be provided.
- Machine shall carry CE and ISO 9001 certification or equivalent international standard.
- Machine shall be warranted for minimum one (1) year from date of delivery against manufacturing defects.
- Power supply compatibility: Single Phase 220V / 50 Hz.
- Supplier shall provide installation and operational demonstration at the delivery site.

Note: If supplier has the only relevant items available and it complies then the equipment shall be acceptable.

PREPARED BY



[Handwritten Signature]

Er. Saroj Neupane

Mechanical Engineer (NEC Regd No: 2329, "A")

Contact No: 9843569324

sarz.neupane@gmail.com

[Handwritten Signature]