

SPECIFICATIONS  
MEET OR EXCEED

**\*SEE ATTACHED DOCUMENTS FOR COMPLETE SPECIFICATIONS, DETAILS & INSTRUCTIONS\***

**Blind Stitch Sewing Machine**

Description. This sewing machine is for capacity increase capability at the Cadet Uniform Factory to meet daily and R-Day mission requirements. This machine is used for all trouser hemming operations conducted in the Cadet Uniform Factory.

Equipment Requirements.

Current Machine: Yamato CM-352  
needs to be able to sew thru both  
trouser material AND trouser trim.

- a. One needle, one thread blind stitch.
- b. Include skip stitch mechanism.
- c. Sewing speed: at least 3,000 stitches / minute.
- d. Work clamp: work clamp foot should lift a maximum of 10 mm.
- e. Stitch length: should be 3.2 mm – 8.5 mm.
- f. Material weight: light to medium.
- g. Lubrication: automatic.
- h. Machine should require min quantity of lubrication of the hook.
- i. Lubricating oil: equivalent to ISO VG32.
- j. Operate using 110 volts.
- k. Machine parts and supplies should be compatible with the Yamato 352 blind stitch machine.

Vendor Requirements.

- a. Machine must be delivered mounted on a standard worktable in a plug and play condition.
- b. Must include all operation and maintenance instructions.

**Double Chainstitch Sewing Machine**

Description. This sewing machine is for replacement of equipment that has exceeded its service life. The double chainstitch sewing machine is used for closing trousers seats for all trousers manufactured in the Cadet Uniform Factory.

Equipment Requirements.

- a. Tandem 2 needle machine.
- b. Maximum sewing speed: 6,000 stitches / minute.
- c. Maximum stitch length: 4 mm.
- d. Lift of the presser foot: By hand - 5.5 mm, By knee – 10 mm.
- e. Needle bar stroke: 30 mm.
- f. Thread take-up: needle bar thread take-up.
- g. Stitch length adjustment: by stitch dial (lockstitch).
- h. Condensation stitches: by lever for condensation stitching.
- i. Looper system: rocking type looper.
- j. Looper stroke: 22.6 mm.
- k. Elliptical motion: 2.4 ~ 3.7 mm.
- l. Lubrication: automatic.
- m. Lubricating oil: equivalent to ISO VG7.
- n. Needle cooler: included.
- o. Operate using 110 volts.

Current Machine: Juki MH-380  
Uses as Size 18 needle  
Machine does not use  
condensation device (does not  
self cut thread, is not  
computerized)

Vendor Requirements.

- a. Machine must be delivered mounted on a standard worktable in a plug and play condition.

- b. Must include all operation and maintenance instructions.

### **Double Locked Stitch Sewing Machine**

Description. This sewing machine is for replacement of equipment that has exceeded its service life. The double locked stitch sewing machine is used attaching waistband linings to all trousers manufactured in the Cadet Uniform Factory.

#### Equipment Requirements.

- a. One needle.
- b. Two thread plain feed.
- c. Medium throw.
- d. Zig-zag machine with upper roller feed.
- e. Material weight: light to medium.
- f. Stitch length adjustment: by adjusting screw.
- g. Needle bar stroke: 30.5 mm.
- h. Lubrication: automatic.
- i. Lubricating oil: equivalent to ISO grade 22.
- j. Stitch type: 404. Seam type: L Sa-1 and / or B Sa-1.
- k. Operate using 110 volts.

Current Machine: Union Special 53100B zig zag  
Has rollers just behind the needle that pull the waistband through the needle. Has feed Plate 23450M attached (Photo on Union Special UK website)

#### Vendor Requirements.

- a. Machine must be delivered mounted on a standard worktable in a plug and play condition.
- b. Must include all operation and maintenance instructions.

### **High Post Sewing Machines**

Description. This sewing machine is for replacement of equipment that has exceeded its service life. The high post machine provides lockstitch sewing for chevron and stripe operations performed by the Cadet Uniform Factory.

#### Equipment Requirements.

- a. Feed system: bottom-feed.
- b. Maximum sewing speed: 2,500 stitches / minute.
- c. Maximum stitch length: 4 mm (normal / reverse feed).
- d. Needle bar stroke: 36 mm.
- e. Needle gauge: 1.6 mm.
- f. Lift on the presser foot: By hand 7 mm; By knee 10 mm.
- g. Thread take-up: slide type.
- h. Hook: vertical axis.
- i. Lubrication: by an oiler.
- j. Lubricating oil: equivalent to ISO VG7.
- k. Post height: 178 mm.
- l. Bed size: 517 mm x 178 mm.
- m. Weight of the machine head: 36 kg.
- n. Operate using 110 volts.

Current Machine: Cnsew Model 288  
Post measures 7" high from the table top and 2" wide.

#### Vendor Requirements.

- a. Machine must be delivered mounted on a standard worktable in a plug and play condition.
- b. Machine must be delivered with a needle positioner.
- c. Must include all operation instructions and maintenance instructions.

REPRESENTATIONS & CERTIFICATIONS

- The Government INTENDS to award a Firm Fixed Price contract resulting from this solicitation to the responsible offeror whose quote conforms to the solicitation. It is an Offeror’s responsibility to ensure their SAM UID# Profile is CURRENT & ACTIVE
  
- As a result of interim FAR rule 2019-009, published on July 14, 2020, and effective on August 13, 2020, implementation of the Section 889(a)(1)(B) Prohibition on Contracting with Entities Using Certain Telecommunications and Video Surveillance Services or Equipment Clauses.

Please ensure the SAM Profile properly reflects your representations on FAR 52.204-24, 52.204-25, and 52.204-26.

- NOTE: Buy American

**Identify the COUNTRY OF ORIGIN for the goods and materials you are supplying:**

**CLIN 0001** \_\_\_\_\_ --Goods (Final Product; Apparel, Article, Merchandise, Component, Gadget, Utensil, Instrument, etc.)

**CLIN 0002** \_\_\_\_\_ --Goods (Final Product; Apparel, Article, Merchandise, Component, Gadget, Utensil, Instrument, etc.)

**CLIN 0003** \_\_\_\_\_ --Goods (Final Product; Apparel, Article, Merchandise, Component, Gadget, Utensil, Instrument, etc.)

**CLIN 0004** \_\_\_\_\_ --Goods (Final Product; Apparel, Article, Merchandise, Component, Gadget, Utensil, Instrument, etc.)

- LEAD TIME

**Upon time and date of award, identify the estimated time of delivery for the items noted in the CLINs?**

CLIN 0001 \_\_\_\_\_

CLIN 0002 \_\_\_\_\_

CLIN 0003 \_\_\_\_\_

CLIN 0004 \_\_\_\_\_

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**IT IS THE OFFEROR'S RESPONSIBILITY TO REVIEW ALL ATTACHMENTS PERTAINING TO THIS SOLICITATION.**

## **INSTRUCTIONS to OFFERORS**

All offerors interested in submitting a quote for this requirement need to follow these instructions.

If an offeror does not comply with these instructions, they shall be excluded from consideration contract award.

All offerors interested in submitting a quote for this requirement MUST Submit a PHOTOGRAPHIC REPRESENTATION(s) (Brochures) WITH ORIGINAL MANUFACTURER WITH technical specifications of the products offered in their quote.

### ➤ **Product Sample Representation(s)**

- **Submit a SAMPLE PHOTOGRAPHIC REPRESENTATION(s) (Brochures) WITH ORIGINAL MANUFACTURER technical specifications of the products offered in their quote in accordance with the SOLICITATION specifications.**
- Your quote **MUST** be accompanied with the REPRESENTATIONS & CERTIFICATIONS for Country of Origin if not, your quote shall NOT be considered.

➤ **All samples shall be submitted on or BEFORE THE CLOSING DATE AND TIME identified in block 8 of the SF1449.**

THE GOVERNMENT SHALL MAKE ONE CONTRACT AWARD WITHOUT DISCUSSIONS.

**IF AN OFFEROR DOESN'T SUBMIT A SAMPLE WITH THEIR PROPOSAL, THEY SHALL NOT RECEIVE CONSIDERATION FOR CONTRACT AWARD.**

THE GOVERNMENT SHALL NOT BE LIABLE FOR ANY LOST OR MISDIRECTED PROPOSAL AND OR SAMPLES.

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EVALUATION--COMMERCIAL ITEMS

Provisions that are incorporated by reference (by Citation Number, Title, and Date), have the same force and effect as if they were given in full text. Upon request, the Contracting Officer will make their full text available.

The following provisions are incorporated into 52.212-2 as an addendum to this solicitation:

**Evaluation Factors for Award**

- (a) Basis for Contract Award. This is a Lowest Price Technically Acceptable source selection conducted in accordance with Federal Acquisition Regulation (FAR) 13.106-2, Evaluation of quotations or offers, as supplemented by the Defense Federal Acquisition Regulation Supplement (DFARS), and the Army Federal Acquisition Regulation Supplement (AFARS). Contract shall be awarded to the contractor who is deemed responsible in accordance with the FAR, as supplemented, whose quote conforms to the solicitation’s requirements (to include all stated terms, conditions, representations, certifications, and all other information required by 52.212-2 of this solicitation and is judged by an overall assessment of the evaluation factors to represent the most advantageous to the Government by exceeding the minimum requirements to meet the Lowest Price Technically Acceptable to the Government.
- (b) Award for All of the Work. The Government intends to award one (1) Firm Fixed Price (FFP) contract as a result of this solicitation. Quotes received for less than the stated number of items listed in the Price Schedule will be considered ineligible for award. As set forth in FAR 52.212-1 (g), the Government intends to evaluate quotes and award a contract without discussions with contractors. Therefore, the contractor’s initial quote should contain the contractor’s best terms from a price and technical standpoint. The Government reserves the right to conduct discussions if the Contracting Officer later determines them to be necessary.
- (c) Evaluation Criteria. The Sample PHOTOGRAPHIC REPRESENTATION(s) (Brochures) WITH ORIGINAL MANUFACTURER technical specifications (MEET OR EXCEED) of the products offered in their quote in accordance with specifications, shall be evaluated under two (2) evaluating factors: Technical, and Price.

**Factor 1 - Technical.** The Sample PHOTOGRAPHIC REPRESENTATION(s) (Brochures) WITH ORIGINAL MANUFACTURER technical specifications (MEET OR EXCEED) of the products offered in their quote in accordance with specifications and criteria will receive one of the ratings defined below.

<b>Table 1. Technical Rating(s) Acceptable/Unacceptable Ratings</b>	
<b>Rating</b>	<b>Description</b>
Acceptable	SAMPLE(S) clearly meets the minimum specifications/requirements of the solicitation.
Unacceptable	SAMPLE(S) does <b>NOT</b> clearly meet the minimum specifications/requirements of the solicitation.

**Factor 2 – Price.** Price will not be scored or rated. Evaluation of price will be performed using one or more of the price analysis techniques in FAR 13.106-3(a). Through these techniques the Government will determine whether prices are reasonable.

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