**Section II: Schedule of Requirements**

**eSourcing reference:**

1. **Summary of Requirements**

UNOPS requirements are comprised of the following:

1. Industrial 2 needle Sewing Machine with Table - Quantity: 350 pcs

2. Single Needle, Drop Feed, Zig Zag Lockstitch Machine with Table - Quantity: 35 pcs

3. Single Thread Chain Stitch 2+4 Button Machine with Table- Quantity:18 pcs

4. Buttonhole Machine with Table-Quantity:18 pcs

1. **Technical specifications for Goods and Comparative Data Table**

|  |  |  |  |
| --- | --- | --- | --- |
| **No.** | **UNOPS minimum technical requirements** | **Is bid compliant?** Bidder to complete | **Details of goods offered.** Bidder to complete |
| 1 | **Industrial 2 needle Sewing Machine with Table** | ☐ Yes ☐ No | Insert details |
| 1.1 | Make and model: JUKI MO-6714DA-BE6-40H or equivalent branded model  Machine must be with table, new and original/ branded (no Duplicate Machines/Goods accepted) | ☐ Yes ☐ No | Insert details |
| 1.2 | Stitch type: 2-needle overlock | ☐ Yes ☐ No | Insert details |
| 1.3 | Stitch style in the U.S.A.: 514 | ☐ Yes ☐ No | Insert details |
| 1.4 | Max. sewing speed :7,000rpm | ☐ Yes ☐ No | Insert details |
| 1.5 | Stitch length : 1.5 - 4mm | ☐ Yes ☐ No | Insert details |
| 1.6 | Needle gauge (mm): 2.0 | ☐ Yes ☐ No | Insert details |
| 1.7 | Overedging width (mm) : 4.0 | ☐ Yes ☐ No | Insert details |
| 1.8 | Differential feed ratio :For gathering 1:2, For stretching 1:0.7 | ☐ Yes ☐ No | Insert details |
| 1.9 | Needle bar stroke: 24.5mm | ☐ Yes ☐ No | Insert details |
| 1.10 | Inclination angle of the needle: 20° | ☐ Yes ☐ No | Insert details |
| 1.11 | Needle mechanism: Needle bar method and  upper/lower bushing | ☐ Yes ☐ No | Insert details |
| 1.12 | Needle: DC27 or B27 | ☐ Yes ☐ No | Insert details |
| 1.13 | Max. lift of the presser foot:6.5mm | ☐ Yes ☐ No | Insert details |
| 1.14 | Max. presser foot pressure:63.7N (6.5kg) | ☐ Yes ☐ No | Insert details |
| 1.15 | Stitch adjusting method: By push-button | ☐ Yes ☐ No | Insert details |
| 1.16 | Differential-feed adjusting method: By lever (with micro-adjustment) | ☐ Yes ☐ No | Insert details |
| 1.17 | Weight of the machine head: 28kg to 35kg | ☐ Yes ☐ No | Insert details |
| 1.18 | Lubrication: Automatic | ☐ Yes ☐ No | Insert details |
| 1.19 | Lubricating oil: equivalent to ISO VG18 | ☐ Yes ☐ No | Insert details |
| 1.20 | Micro-lifter: Provided as standard | ☐ Yes ☐ No | Insert details |
| 1.21 | The voltage required: 220 Volts, 50Hz | ☐ Yes ☐ No | Insert details |
| 2. | **Single Needle, Drop Feed, Zig Zag Lockstitch Machine with Table** | ☐ Yes ☐ No | Insert details |
| 2.1 | Make and model: Tacsew 146RB or equivalent branded model    Machine must be with table, new and original/ branded (no Duplicate Machines/Goods accepted) | ☐ Yes ☐ No | Insert details |
| 2.2 | Single needle | ☐ Yes ☐ No | Insert details |
| 2.3 | Drop feed, walking foot | ☐ Yes ☐ No | Insert details |
| 2.4 | Lockstitch machine | ☐ Yes ☐ No | Insert details |
| 2.5 | Horizontal axis rotary hook | ☐ Yes ☐ No | Insert details |
| 2.6 | Wide zig-zag | ☐ Yes ☐ No | Insert details |
| 2.7 | Reverse feed | ☐ Yes ☐ No | Insert details |
| 2.8 | Speed, Max (S.P.M.) : 2500 | ☐ Yes ☐ No | Insert details |
| 2.9 | Clearance Under Foot : 10mm | ☐ Yes ☐ No | Insert details |
| 2.10 | Stitch Length, Max. : (5mm) | ☐ Yes ☐ No | Insert details |
| 2.11 | Must have large bobbin and horizontal axis transverse rotary hook | ☐ Yes ☐ No | Insert details |
| 2.12 | Reverse stitching | ☐ Yes ☐ No | Insert details |
| 2.13 | Must have upper feed mechanism that helps slippage when sewing | ☐ Yes ☐ No | Insert details |
| 2.14 | Stitches per minute: 2500 | ☐ Yes ☐ No | Insert details |
| 2.15 | Needle : 135 x 17 | ☐ Yes ☐ No | Insert details |
| 2.16 | Bobbin - Metal : 212034-312 - Pre-wound : M | ☐ Yes ☐ No | Insert details |
| 2.17 | Hook : B79 | ☐ Yes ☐ No | Insert details |
| 2.18 | Work Space : 11 1/4" (287mm) | ☐ Yes ☐ No | Insert details |
| 2.19 | Bed Size : 7" x 18-1/2" (178 x 470mm) | ☐ Yes ☐ No | Insert details |
| 2.20 | Zig-Zag Stitch Width, Max. : 3/8" (10mm) | ☐ Yes ☐ No | Insert details |
| 2.21 | The voltage required: 220 Volts, 50Hz | ☐ Yes ☐ No | Insert details |
| **3.** | **Single Thread Chain Stitch 2+4 Button Machine with Table** | ☐ Yes ☐ No |  |
| 3.1. | Make and model: JUKI MB-1370 series or equivalent branded model  Machine must be with table, new and original/ branded (no Duplicate Machines/Goods accepted) | ☐ Yes ☐ No | Insert details |
| 3.2 | Max. sewing speed: 1,500stitches/min | ☐ Yes ☐ No | Insert details |
| 3.3 | Number of stitches: 8,16 and 32 stitches | ☐ Yes ☐ No | Insert details |
| 3.4 | Needle (at the time of delivery):TQ×1(#16)#14～ 20 | ☐ Yes ☐ No | Insert details |
| 3.5 | Feed length (crosswise feed): 2.5 6.5mm | ☐ Yes ☐ No | Insert details |
| 3.6 | Feed length (lengthwise feed): 0～4.5mm | ☐ Yes ☐ No | Insert details |
| 3.7 | Stitching shape: | ☐ Yes ☐ No | Insert details |
| 3.8 | Thread-fray-prevention ON / OFF changeover mechanism: Provided as standard | ☐ Yes ☐ No | Insert details |
| 3.9 | Stitching shape changeover type: Lever change-over type | ☐ Yes ☐ No | Insert details |
| 3.10 | **Applicable button:** Round-shaped flat button (2-holed, 4-holed) | ☐ Yes ☐ No | Insert details |
| 3.10.1 | **Applicable button:** Shank button, Wrapped-around button, Snap, Label, Metal button, Stay button (exclusive attachments have to be used) | ☐ Yes ☐ No | Insert details |
| 3.11 | Button size: 10～28mm | ☐ Yes ☐ No | Insert details |
| 3.12 | Thickness of button: 1.8 3.5mm (options max. 5mm) | ☐ Yes ☐ No | Insert details |
| 3.13 | Needle bar stroke: 48.6mm | ☐ Yes ☐ No | Insert details |
| 3.14 | Lift of the presser foot: 9mm | ☐ Yes ☐ No | Insert details |
| 3.15 | Sewing system: Single thread chainstitch | ☐ Yes ☐ No | Insert details |
| 3.16 | Lubrication: By an oiler | ☐ Yes ☐ No | Insert details |
| 3.17 | Lubricating oil: equivalent to ISO VG7 | ☐ Yes ☐ No | Insert details |
| 3.18 | Machine head weight: 24kg to 30kg | ☐ Yes ☐ No | Insert details |
| 3.19 | Power requirement / Motor used: Single- or 3-phase / 200W (1/4HP), General-purpose motor | ☐ Yes ☐ No | Insert details |
| **4.** | **Buttonhole Machine with Table** |  |  |
| 4.1 | Make and model: Juki LBH-783 series or equivalent branded model  Machine must be with table, new and original/ branded (no Duplicate Machines/Goods accepted) | ☐ Yes ☐ No | Insert details |
| 4.2. | One needle | ☐ Yes ☐ No | Insert details |
| 4.3 | Lockstitch machine | ☐ Yes ☐ No | Insert details |
| 4.4 | Buttonholing machine | ☐ Yes ☐ No | Insert details |
| 4.5 | Sewing speed: 3600RPM | ☐ Yes ☐ No | Insert details |
| 4.6 | Needle bar stroke: 34.6mm | ☐ Yes ☐ No | Insert details |
| 4.7 | Max. lift of the work clamp:12mm | ☐ Yes ☐ No | Insert details |
| 4.8 | Max. thickness of material that can be used: 4mm (with the work clamp lowered) | ☐ Yes ☐ No | Insert details |
| 4.9 | Number of stitches: 54～345 (by gear-change method) | ☐ Yes ☐ No | Insert details |
| 4.10 | Length of buttonholes: 6.4～38.1mm | ☐ Yes ☐ No | Insert details |
| 4.11 | Needle: DP×5 #11, 134 Nm75, 135x5, 135x7 | ☐ Yes ☐ No | Insert details |
| 4.12 | Hook - DP type, automatic-lubricating full-rotary hook | ☐ Yes ☐ No | Insert details |
| 4.13 | Deceleration method: Belt-shifting method | ☐ Yes ☐ No | Insert details |
| 4.14 | Lubrication: Automatic | ☐ Yes ☐ No | Insert details |
| 4.14 | Lubricating oil - equivalent to ISO VG7 | ☐ Yes ☐ No | Insert details |
| 4.15 | Motor: 300W general-purpose motor (A 250W general-purpose motor can be used when the machine is used at a sewing speed of 3,100rpm or less.) | ☐ Yes ☐ No | Insert details |
| 4.16 | Weight of the machine head: 40 kg to 50kg | ☐ Yes ☐ No | Insert details |
| 4.17 | Widely adaptable to many different kinds of materials and seam specifications. | ☐ Yes ☐ No | Insert details |
| 4.18 | The buttonholing position shall be easily adjustable | ☐ Yes ☐ No | Insert details |
| 4.19 | Application of machine: Buttonholing for ordinary cloth, knit, etc. | ☐ Yes ☐ No | Insert details |
| 4.20 | The voltage required: 220 Volts, 50Hz | ☐ Yes ☐ No |  |
| **5.** | **Manuals** | ☐ Yes ☐ No | Insert details |
| 5.1 | For offered machines, bid must include manufacturer’s technical manuals and supporting technical documentation ( in English language) | ☐ Yes ☐ No | Insert details |
| 6 | **Warranty:** Industry standard, 1 year minimum | ☐ Yes ☐ No | Insert details |
| 7 | **Warranty service.** Within the warranty period, the Supplier or its authorized service centre shall provide maintenance and/or repair services and/or replacement of the equipment not later than 5 (five) calendar days from the date of receipt of phone call or E-mail notification from an authorized party. The name of the service centre, address, telephone- and fax numbers, e-mail address must be mentioned in the bid. All costs connected with warranty maintenance are covered by the Supplier. | ☐ Yes ☐ No | Insert details |
| 8 | Bid must include a **warranty maintenance plan** | ☐ Yes ☐ No | Insert details |

1. **Delivery requirements and Comparative Data Table**

|  |  |  |  |
| --- | --- | --- | --- |
| **UNOPS Requirements** | | **Is bid compliant?** Bidder to complete | **Details**  Bidder to complete |
| **Delivery time** | Bidder shall deliver the goods within 12 weeks after the Contract award | ☐ Yes ☐ No | Insert details |
| **Delivery place and Incoterms rules** | DAP, Kabul, Afghanistan Incoterms 2010 | ☐ Yes ☐ No | Insert details |
| **Consignee details** | Will be advised | ☐ Yes ☐ No | Insert details |
| **UNOPS Right to vary requirements** | At the time the Contract is awarded, UNOPS reserves the right to vary the quantity of the goods and associated services specified above, provided this does not exceed +/- 30% , without any change in the unit prices or other terms and conditions of the ITB. | ☐ Yes ☐ No | Insert details |
| **Packing standards** | Bidder shall ensure the best international packing standards of goods supplied, including use of eco-friendly packing materials.  Bidder shall remain liable for the packing and consistency of the items supplied for the period of shipment and acceptance for use. Any items found unacceptable shall be returned and changed at no costs to UNOPS. | ☐ Yes ☐ No | Insert details |

1. **Related services requirements**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Service** | **UNOPS minimum requirements for services**  **Quantity** | **Place where services will be performed** | **Final completion date(s) of services** | **Is bid compliant?** Bidder to complete | **Details**  Bidder to complete |
| 1 | Installation to set up the machines at their final location | Kabul, Afghanistan | Within 14 days after delivery of machines | ☐ Yes ☐ No | Insert details |
| 2 | Technical support/hands-on training for approximately 421 users on how to use the machines properly and advise on maintenance requirements, beginning directly upon installation of the machine. The training must be in local language (Persian “Dari'' or Pashto) | Kabul, Afghanistan | Within 14 days after delivery and installation of machines | ☐ Yes ☐ No | Insert details |

**NOTE:** Hands-on training will be provided as part of the total contract and all related costs should be part of the bid.

**C. Sustainability Criteria:**

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| --- | --- | --- | --- |
| **UNOPS Requirements** | | **Is bid compliant?** Bidder to complete | **Details**  Bidder to complete |
| **Sustainability Requirements – Local after-sales service** | The bidder will provide an after-sales service component for the product to be procured, which utilizes suppliers in Afghanistan.  Bidders will provide documentation that clearly outlines:  - what current partnerships is established with after-sales service providers in Afghanistan (and in which locations)  - the availability of spare parts in Afghanistan and availability of service provider for maintenance of machines in Afghanistan.  **Bidder shall provide contact details (name, address, phone number, email and name of representative) of authorized service provider in Afghanistan.** | ☐ Yes ☐ No | Insert details |
| **Sustainability Requirements - Suppliers commitment to gender equality** | The bidder shall provide a response that demonstrates its commitment to support gender equality and women’s empowerment through its operations. The bidder must provide a clear statement and supporting documentation that outlines how gender is mainstreamed internally. This should include for example the organization's current or future plans/activities with regards to:  - gender diversity in the recruitment process (such as outreach to potential diverse candidates and equitable, non-biased interview practices)  - ensuring equal pay between men and women for the same roles by providing pay gap analysis or pay stubs  - opportunities for females to be empowered and promoted internally (e.g. mentorship, leadership/ management skills training for both junior and senior employees),  - prevention of sexual exploitation and abuse or any form of discrimination at work (e.g. zero-tolerance policy in place),  - paid parental leave policies for men and women,  - provide professional safety training and access to equal protection facilities for all staff without discrimination | ☐ Yes ☐ No | Insert details |

**D. Inspections and tests**

1. The vendor must have the goods inspected in the manufacturer’s works by a competent authority and submit a test certificate and also a guarantee/warranty certificate that the goods conform to written specifications.
2. UNOPS or its representative shall inspect and/or test goods at final destination to confirm their conformity to the contract.
3. If the goods fail to meet the laid down specifications, the supplier shall take immediate steps to remedy the deficiency or replace the defective goods to the satisfaction of the purchaser.
4. Acceptance inspection and handover will take place upon delivery to the designated final destination