**TEHNICAL SPECIFICATIONS**

Procurement name: **Procurement of production equipment**

**Columns 1-2 are filled in by the Client**

**Column 3 is filled in by the Bidder - obligatory**

**Column 4 is filled in by the Bidder - as required**

Technical offer of equipment suppliers:

Bidders are required to fill out templates on the following pages:

* Column 2 is filled in by the contracting authority and shows the required technical specifications (modification of the same by the bidder is not allowed),
* Column 3 is filled in by the bidder with details of the offered equipment (eg the words “yes” or “no” are not enough),
* Column 4 allows the bidder to enter comments on its proposed equipment, and instructions for accompanying documentation of the offered items.

**All types, manufacturers, brands, standards and norms listed in the technical specifications are considered to be covered by the term "or equivalent" . Any supporting documentation submitted by the Bidder as a supplement to the bid must clearly indicate the models or options offered. Bids that do not accurately identify models and specifications may be rejected.**

**The technical specifications listed in the table in the format of a checklist covering equipment and implementation tasks are mandatory as a minimum standard for each individual item of goods required and are the only basis for assessing the technical compliance of tenders. Bidders may also offer products that meet higher standards, ie technical specifications, than the minimum.**

| **1 .**  **Ordinal number** | **2.**  **Required technical specifications** | **3.**  **Offered technical specifications** | **4.**  **Notes, remarks, instructions on accompanying documentation** |
| --- | --- | --- | --- |
| **1.** | **Production equipment** |  |  |
| 1.1. | **SOAPBOX FOR DRY EXTRACTION, 8 pieces (minimum):**   * Soapbox with detachable entrance and exit for easy removal of used soap * Suitable for any size and mold type * Size: minimum 3.5 liters * Wire height: maximum 150 mm above machine bed * Indirect cooling * Contains a minimum of: * Gearbox mounted to existing draw machine * Soap stirrer from the bottom * Vibration damper * Anti-ripple device |  |  |
| 1.2. | **COILER LINES FOR DRUMS (contains a minimum):**   * Includes a minimum of: * Delivery * Installation * Commissioning and training * Power supply: * Minimum 3 phases * Minimum 380-480 V or better * Minimum 50-60 Hz or better * Control voltage: maximum 24 V * De-spooling machine horizontal (minimum): * Coil size: * Diameter: maximum 800 mm * Width: maximum 600 mm * Speed: minimum 38 m/s * Engine power: minimum 45 kW * Frame made of laser-cut metal or equivalent material * Dancer arm for speed and tension control (minimum): * Pulley diameter: maximum 450 mm * Wire diameter: 0.8 - 1.6 mm * Speed: maximum 40 m / s * Pulley diameter: maximum 450 mm * Number of pulleys: * Stationary: minimum 6 * Movable: minimum 5 * "No twist" coiler (minimum): * Wire diameter: 0.8 - 1.6 mm * Wire quality: welding wire or equivalent * Speed: maximum 40 m/s * Number of engines: minimum 6 * Tool material for layer tube: steel or equivalent material * Noise level: maximum 85 dB * Capstan block size: minimum Ø950mm * Possibility of remote trouble shooting * NTC – Layer Tube Tooling Kit, 20” drum or equivalent * NTC – Layer Tube Tooling Kit, 26” drum or equivalent |  |  |
| 1.3. | **POINTING MACHINE (minimum contains):**   * Fabrication range: 8.0 - 1.0 mm * Wire inlet diameter: maximum 8.5 mm * Number of pointing stages: minimum 18 * Roller dimensions (diameter x width): minimum 68 x 200 mm * Roller speed: minimum 30 rpm * Pointing roll diameter: minimum 80 mm * Engine power: minimum 1.5 kW * Power supply: * Minimum 3 phases * 50-60 Hz or better * maximum 460 V * Contains a minimum of: * Tiltable table on which the rollers are placed * A pointer showing a clean and pointed wire * Integrated rotating cutter * Control keys * The frame equipped with wheels * Roller material: steel, hardened/ground or equivalent material |  |  |

Date and place Signature of the person authorized to represent

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