



ЕВРОПЕЙСКИ СЪЮЗ
Европейски фонд
за регионално развитие
Инвестираме във вашето бъдеще



ОПЕРАТИВНА ПРОГРАМА
„Развитие на конкурентоспособността
на българската икономика” 2007-2013
www.opcompetitiveness.bg

TECHNICAL SPECIFICATIONS

Beneficiary: **„BULMAT” LTD,**

Project **„Enhancing the competitiveness of BULMAT LTD through modernization of the production”** under contract **2TMM-02-14/18.02.2011.**

Operational Programme **„Development of the competitiveness of the Bulgarian economy 2007-2013”,** procedure **BG161PO003-2.1.06 „Technological modernization in small and medium enterprises”.**

Procedure: **Open selection,**

With object: **Delivery, installation and commissioning of automated production equipment, controlling and testing of flexible water joints with the following lots:**

- **1.1.1 Automated production line for flexible water joints;**
- **1.1.2 Stand for pressure testing of flexible joints;**
- **1.1.3 Stand for tensile testing of flexible joints.**

LOT № 1.1.1

TECHNICAL SPECIFICATION

of Automated production line for flexible water joints

1. MINIMUM TECHNICAL AND FUNCTIONAL CHARACTERISTICS

1.1. General requirements:

- Power supply - 380V /50Hz;
- Installed power – up to 14 kWh;
- Process time for one product – max.5 sec/piece.

1.2. Minimum technical and functional characteristics module “cutting hose”:

- Length of the cutting of the hose - minimum – 200mm; maximum– 1200mm;
- Cutting tolerance – for length up to 400mm incl.±5mm, from 400 to 1200mm -5mm+10mm;
- Diameter of the hose – 12,5 mm;
- Quality control of the knitting of the hose.

1.3. Minimum technical and functional characteristics module “installation of insertions“:

- Quality control and guidance of the insertions;
- Double-sided mounting.

1.4. Minimum technical and functional characteristics module “preparation for pressing”:

- Processing of the hose for quality pressing.

1.5. Minimum technical and functional characteristics module “installation of endings”:

- Installation of the following kind of endings - Nut ½, Nut 3/8, Nipple ½, Nipple 3/8, Nipple M10x1x18, Nipple M10x1x35;
- Double-sided mounting.

1.6. Minimum technical and functional specifications module “pressing” with hydraulic station:

- Diameter after pressing in accordance with the requirements of the technical documentation.

1.7. Minimum technical and functional characteristics module “labeling”:

- Printing of bar code;

Този документ е създаден по проект **„Повишаване на конкурентоспособността на БУЛМАТ ЕООД чрез модернизация на производството”** по договор **2TMM-02-14/18.02.2011г.** с финансовата подкрепа на Оперативна програма **„Развитие на конкурентоспособността на българската икономика 2007-2013г”** съфинансирана от Европейския съюз чрез Европейския фонд за регионално развитие. Цялата отговорност за съдържанието на документа се носи от Булмат ЕООД и при никакви обстоятелства не може да се приема че този документ отразява официалното становище на Европейския съюз и Договарящия орган.



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- Labeling of each item.

1.8. Minimum technical and functional characteristics module “management” – with software for management of the line:

- Automatic resetting of the cutting length and the selection of endings;
- Option to control the production and for output reports.

2. WARRANTY AND SERVICE SUPPORT

- Warranty – 12 months.
- Service support provided.

3. DOCUMENTATION ACCOMPANYING THE EQUIPMENT:

- Technical and operational documentation in Bulgarian language;
- European Declaration of Conformity in accordance with the Regulation on the essential requirements and conformity assessment of machinery – State Gazette number 61/8.07.2008, Directive 2006/42/EC).

4. INSTALLATION AND SETUP REQUIREMENTS:

- Providing information necessary for the installation of the equipment and the necessary preparation.
- Providing of qualified personnel for the installation, setup and 72 hours of testing.

5. MARKING:

- In accordance with the Regulation on Marking of Conformity, the equipment should be marked with “CE” (State Gazette number 69/23.08.2005).

6. TRAINING

Training of specialist of “BULMAT” LTD with responsibility for operation and maintenance of the line.



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LOT № 1.1.2

TECHNICAL SPECIFICATION of Stand for pressure testing of flexible joints

1. MINIMUM TECHNICAL AND FUNCTIONAL CHARACTERISTICS

1.1. General requirements:

- Power supply - 380V /50Hz;
- Installed power – 400 W.

1.2. Minimum technical and functional characteristics:

- Testing of all types of joints which the Automated production line for flexible water joints can produce;
- Maximum working pressure - 20 bar and test at water temperature up to 95 °C;
- Burst test under standard UNE 53-626-89/1, at max. pressure 200 bar;
- Burst test under standard UNE 53-626-89/2;
- “Hydrostatic pressure” test under standard EN 13618-1:2005.

2. WARRANTY AND SERVICE SUPPORT

- Warranty – 12 months.
- Providing of service support.

3. DOCUMENTATION ACCOMPANYING THE EQUIPMENT:

- Technical and operational documentation in Bulgarian language;
- Methodology for conducting the tests;
- European Declaration of Conformity in accordance with the Regulation on the essential requirements and conformity assessment of machinery – State Gazette number 61/8.07.2008, Directive 2006/42/EC).

4. INSTALLATION AND SETUP REQUIREMENTS:

- Providing information necessary for the installation of the equipment and the necessary preparation.
- Providing of qualified personnel for the installation, setup and 72 hours of testing.

5. MARKING:

- In accordance with the Regulation on Marking of Conformity, the equipment should be marked with “CE” (State Gazette number 69/23.08.2005).

6. TRAINING

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LOT 1.1.3

TECHNICAL SPECIFICATION of Stand for tensile testing of flexible joints

1. MINIMUM TECHNICAL AND FUNCTIONAL CHARACTERISTICS

1.1. General requirements:

- Power supply - 380V /50Hz;
- Installed power – 1500 W.

1.2. Minimum technical and functional characteristics:

- Testing of all types of joints which the Automated production line for flexible water joints can produce;
- Test load, range – 5 кN.

2. WARRANTY AND SERVICE SUPPORT

- Warranty – 12 months.
- Providing of service support.

3. DOCUMENTATION ACCOMPANYING THE EQUIPMENT:

- Technical and operational documentation in Bulgarian language;
- Methodology for conducting the tests;
- European Declaration of Conformity in accordance with the Regulation on the essential requirements and conformity assessment of machinery – State Gazette number 61/8.07.2008, Directive 2006/42/EC).

4. INSTALLATION AND SETUP REQUIREMENTS:

- Providing information necessary for the installation of the equipment and the necessary preparation.
- Providing of qualified personnel for the installation, setup and 72 hours of testing.

5. MARKING:

- In accordance with the Regulation on Marking of Conformity, the equipment should be marked with “CE” (State Gazette number 69/23.08.2005).

6. TRAINING

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