

Amendment #1 to

Procurement of Foaming Machine Equipment

Reference: **ITB No. IRN10 - 0000004794**

Dear Bidder,

Please be aware on the following amendment to the **ITB No. IRN10 – 0000004794**:

Section 5a, Technical Specification (Page 23):

1. There are some modifications highlighted in green in section 5a of the Technical Specification as attached to this clarification.

Revised Technical Specifications

1. Stirrer Mixing head for Low pressure Foaming machine

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|--------------------------|---|
| Description: | Equivalent to OMS - Low pressure ULTIMIX stirrer mixhead |
| QTY.: | 10 |
| Pouring amount: | variable max. app. 1.2 kg/s |
| Application | Rigid foam Insulation - Commercial Refrigerators |
| Raw material | Rigid foam 1:1 - Water blown |
| Mode of operation | Mixing and circulation with the relevant valves |
| Control system | Pneumatic unit |
| Mixing pressure | Set of nozzles |
| sealing | Automatic lubricated |
| Coupled with | 3 phase variable speed electro-motor, possibility to vary speed with inverter (customer supply) |
| Cleaning | Water, controlled by pneumatic valves |

2. Axial piston Polyurethane metering pump

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| Description: | Equivalent to Bosch Rexroth-Hydromatic - A2VK28MAOR1G0PE1-SO2 or Rotary power (RHL) C20 or Krauss Maffei KM HPP-28 |
| QTY.: | 10 |
| Flow rate: | 40 l/min @ 1440 RPM |
| Working Pressure: | 250 Bar |
| Viscosity range: | 1 to 3000 mm ² /s |
| Wrking temperature: | 10-50 'C |
| Raw material: | Polyol and Isocyanate (water blown raw material for Polyurethane insulation in commercial refrigerators) |
| Manual adjustment: | Handwheel |
| Operating mode: | Open circuit |
| Direction of Rotation: | clockwise |
| Shaft sealing | Double shaft seals |
| Protection | Corrosion protected |
| Swivel angle: | one side |