



European Union

European Regional
Development Fund



OJEU tender

Tender Name

Supply of an injection moulding machine suitable to manufacture flexible PVC interlocking floor tiles

Background

Ecotile Flooring Ltd, founded in 1996, are ISO9001 certified manufacturers of interlocking floor tiles, supplying to customers across the UK, the rest of Europe and over 40 different countries. The floor tiles are manufactured at Ecotile's state of the art manufacturing plant in Bedfordshire, England and are ideal for use in Industrial premises, factories, workshops/garages, commercial/retail outlets, warehouses, and even school & colleges

Ecotile's smart interlocking floor tiles offer a simple solution, joining easily together and creating a great finish. There will be very little or no disruption when laid. They come in several different textures, four thicknesses and a huge array of colours. The PVC tiles are injection moulded to ensure the most efficient and consistent appearance. The tiles offer exceptional wear, chemical resistance, long term stability, sound absorption, and stable electrical properties. All tiles are 100% recyclable and have an expected lifespan of 20 years. They are able to withstand heavy use of fork-lift trucks, pallet trucks, HGV's, cars and high volume pedestrian traffic which is why they are most popular in industrial facilities.

Outline Requirements

- General Purpose injection moulding machine
- Approximately 500t clamping force which is able to mould a 500 x 500 flexible PVC floor tile weighing up to 3kg in weight.
- Barrel capacity for at least 2.5/3 shots of 3kg max.
- To fully integrate with an existing cell with a six axis Fanuc robot.
- Capable of delivering a cycle time of 60sec with the aforementioned product.
- Condition monitoring and remote diagnostics required.

- Footprint must be optimal as factory space is at a premium
- Machine will require machine ejection and the facility for two hydraulic cores.
- A Check ring assembly is required
- Onsite familiarisation is also required.
- Delivery to and installation at our premises in Luton.
- Potential innovation for future requirement.
- Ability to upgrade.

Structure of proposal

Tenders must include the following

- Detailed technical specification of the moulding machine.
- Clear explanation of machines technology
- Delivery and installation timings.
- Installation requirements.
- Spare part holding requirements.
- Price and payment schedule.
- Warranty Specification.

Evaluation Criteria

Ecotile will evaluate the proposals and the criteria used evaluate the proposal are,

Selection Criteria

- Emergency response ability (able to provide onsite response within 24hours)
- Quality of service (availability of customer service / technical support within 4hrs)
- Track record in providing similar solutions
- Financial stability of business (Experian credit check)

All of these must be meet for a successful tender

Award Criteria

- Cost of equipment (40%)
- Lead time of machinery and installation July 17 (30%)
- Adherence to specification (30%)

Submitting a proposal

The deadline for submitting a proposal is 5pm March 24th 2017. Late proposals will not be accepted. It is the responsibility of the supplier to ensure that the proposal has arrived by the deadline stated.

If submitting an electronic copy of the proposal this should be received in a PDF format by the deadline. Electronic tender proposals should be emailed to michael@ecotileflooring.com quoting injection moulding machine tender in the subject. An acknowledgement of receipt of your bid will be sent to you. If you do not receive such an email it is the supplier's responsibility to contact Ecotile to ensure that the bid has been received.

If returning a tender by post tenderers must return their tender in an envelope to:

The Engineering Department

Ecotile Flooring Ltd

Unit 15 North Luton Industrial Estate

Sedgwick Road

Luton

Beds

LU4 9DT

Selection will be made by the 24th April 2017

If you have any queries please submit them to michael@ecotileflooring.com and all responses will be published via our website.

This project is part-funded by the European Regional Development Fund / Velocity project.

Tenders from connected or partner undertakings will not be eligible.