

## 189136-2026 - Competition

### Ireland – Bending, folding, straightening or flattening machines – Eliteform-Project-2026-4 Roll plate Bending Machine

OJ S 55/2026 19/03/2026

Contract or concession notice – standard regime

Supplies

## 1. Buyer

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### 1.1. Buyer

Official name: Eliteform Manufacturing Ltd

Email: [martin@eliteform.ie](mailto:martin@eliteform.ie)

Legal type of the buyer: Organisation awarding a contract subsidised by a local authority

Activity of the contracting authority: Housing and community amenities

## 2. Procedure

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### 2.1. Procedure

Title: Eliteform-Project-2026-4 Roll plate Bending Machine

Description: Eliteform Manufacturing Ltd invite tenders for the supply of a heavy-duty 4-roll hydraulic plate rolling machine for industrial forming of mild steel, aluminium and stainless steel plates. The machine shall be capable of precision rolling of plates up to:

- 4.0 mm mild steel
- 3.0 mm stainless steel
- Maximum working length: 4000 mm

The machine shall be designed for continuous industrial production with high precision, repeatability, and long service life. Requirements;

- The top and bottom rolls shall be:
  - o Fully motorised
  - o Driven through heavy-duty gearboxes and hydraulic motors
- The side rolls shall be guided by a planetary guide movement system to ensure:
  - o Accurate positioning
  - o Uniform load distribution
  - o Long bearing life
- All rolls shall be mounted using double-crown spherical roller bearings in single-bearing configuration per roll. Configurations using two separate single-crown bearings per roll are not acceptable, due to:
  - Higher mechanical stress
  - Reduced rigidity
  - Lower performance when rolling narrow plates
- Roll movements shall be actuated by hydraulic cylinders in a parallel system configuration.
- Each cylinder shall be controlled through independent hydraulic circuits to guarantee:
  - o Accurate parallelism of rolls
  - o Uniform pressure distribution
  - o High rolling precision

Performance Requirements

- Maximum plate thickness:
  - o 4.0 mm mild steel
  - o 3.0 mm stainless steel
- Maximum working length: 4000 mm
- Maximum roll rotation speed: 6 metres per minute
- The machine shall be capable of:
  - o Pre-bending on both ends
  - o Rolling cylindrical and conical sections
  - o Producing uniform diameters across full length
  - o Crowning and Deflection Compensation
- The machine shall be equipped with Dynamic Crowning system.
- The system shall automatically:
  - o Deflect the bottom roll upward to match top roll deflection
  - o Clamp the plate across its entire working width
- The crowning system shall:
  - o Reduce or eliminate canoeing / barrel defects
  - o Improve diameter consistency along the full length
  - o Increase the effective rolling thickness range
  - o Enhance rolling accuracy for both narrow and wide plates

General Requirements

- Machine shall be designed for:
  - o Heavy industrial duty
  - o Long service life
  - o High dimensional accuracy
- All components shall comply with relevant CE and machinery safety standards.
- Supplier shall provide:
  - o Full technical documentation
  - o Machine layout and foundation drawings
  - o Hydraulic and electrical schematics
  - o Operator and maintenance manuals

Procedure identifier: 3aaccf39-89d5-4276-840a-bdf70575db18

Type of procedure: Open  
The procedure is accelerated: no

### 2.1.1. Purpose

Main nature of the contract: Supplies  
Main classification (cpv): 42633000 Bending, folding, straightening or flattening machines

### 2.1.2. Place of performance

Town: Castlebellingham  
Country subdivision (NUTS): Mid-East (IE062)  
Country: Ireland

### 2.1.3. Value

Estimated value excluding VAT: 120 000,00 EUR

### 2.1.4. General information

**Legal basis:**  
Other

### 2.1.6. Grounds for exclusion

Sources of grounds for exclusion: Procurement Document

## 5. Lot

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### 5.1. Lot: LOT-0001

Title: Eliteform-Project-2026-4 Roll plate Bending Machine

Description: Eliteform Manufacturing Ltd invite tenders for the supply of a heavy-duty 4-roll hydraulic plate rolling machine for industrial forming of mild steel, aluminium and stainless steel plates. The machine shall be capable of precision rolling of plates up to: • 4.0 mm mild steel • 3.0 mm stainless steel • Maximum working length: 4000 mm The machine shall be designed for continuous industrial production with high precision, repeatability, and long service life. Requirements; • The top and bottom rolls shall be: o Fully motorised o Driven through heavy-duty gearboxes and hydraulic motors • The side rolls shall be guided by a planetary guide movement system to ensure: o Accurate positioning o Uniform load distribution o Long bearing life • All rolls shall be mounted using double-crown spherical roller bearings in single-bearing configuration per roll. o Configurations using two separate single-crown bearings per roll are not acceptable, due to: Higher mechanical stress Reduced rigidity Lower performance when rolling narrow plates • Roll movements shall be actuated by hydraulic cylinders in a parallel system configuration. • Each cylinder shall be controlled through independent hydraulic circuits to guarantee: o Accurate parallelism of rolls o Uniform pressure distribution o High rolling precision Performance Requirements • Maximum plate thickness: o 4.0 mm mild steel o 3.0 mm stainless steel • Maximum working length: 4000 mm • Maximum roll rotation speed: 6 metres per minute • The machine shall be capable of: o Pre-bending on both ends o Rolling cylindrical and conical sections o Producing uniform diameters across full length Crowning and Deflection Compensation • The machine shall be equipped with Dynamic Crowning system. • The system shall automatically: o Deflect the bottom roll upward to match top roll deflection o Clamp the plate across its entire working width • The crowning system shall: o Reduce or eliminate canoeing / barrel defects o Improve diameter consistency along the full length o Increase the effective rolling thickness range o Enhance rolling accuracy for both narrow and wide plates General Requirements • Machine shall be designed for: o Heavy industrial duty o Long service life o High dimensional accuracy • All components shall comply with relevant CE and machinery safety standards. • Supplier shall

provide: o Full technical documentation o Machine layout and foundation drawings o Hydraulic and electrical schematics o Operator and maintenance manuals

Internal identifier: 0

#### **5.1.1. Purpose**

Main nature of the contract: Supplies

Main classification (cpv): 42633000 Bending, folding, straightening or flattening machines

Quantity: 1

#### **5.1.2. Place of performance**

Town: Castlebellingham

Country subdivision (NUTS): Mid-East (IE062)

Country: Ireland

#### **5.1.3. Estimated duration**

Duration: 1 Month

#### **5.1.5. Value**

Estimated value excluding VAT: 120 000,00 EUR

#### **5.1.6. General information**

Procurement Project not financed with EU Funds.

This procurement is also suitable for small and medium-sized enterprises (SMEs): yes

#### **5.1.7. Strategic procurement**

Aim of strategic procurement: Innovative purchase

Description: Eliteform Manufacturing has considered environmental and sustainability factors in this procurement. The specification includes requirements for energy-efficient machinery, minimisation of waste, and compliance with relevant environmental standards. Suppliers are encouraged to propose solutions that reduce energy consumption and environmental impact over the lifecycle of the equipment. The procurement also considers social objectives, including adherence to health and safety standards and the provision of appropriate training for operators. Innovative solutions that improve efficiency, productivity, and environmental performance will be considered as part of the evaluation process.

Innovation procurement: The procured works, supplies, or services entail process innovation

#### **5.1.9. Selection criteria**

Sources of selection criteria: Procurement Document

#### **5.1.11. Procurement documents**

Languages in which the procurement documents are officially available: English

Languages in which the procurement documents (or their parts) are unofficially available: English

Deadline for requesting additional information: 30/03/2026 00:00:00 (UTC+00:00) Western European Time, GMT

Address of the procurement documents: <https://www.etenders.gov.ie/epps/cft/listContractDocuments.do?resourceId=7739826>

#### **5.1.12. Terms of procurement**

##### **Terms of submission:**

Electronic submission: Required

Address for submission: <https://www.etenders.gov.ie/epps/cft/viewTenders.do?resourceId=7739826>

Languages in which tenders or requests to participate may be submitted: English  
Electronic catalogue: Not allowed  
Tenderers may submit more than one tender: Not allowed  
Deadline for receipt of tenders: 17/04/2026 00:00:00 (UTC+00:00) Western European Time, GMT  
Duration during which the tender must remain valid: 30 Days

#### 5.1.15. Techniques

**Framework agreement:**

No framework agreement

**Information about the dynamic purchasing system:**

No dynamic purchase system

Electronic auction: no

#### 5.1.16. Further information, mediation and review

Review organisation: The High Court of Ireland

Organisation providing offline access to the procurement documents: Eliteform Manufacturing Ltd

Organisation providing more information on the review procedures: The High Court of Ireland

Organisation receiving requests to participate: Eliteform Manufacturing Ltd

Organisation processing tenders: Eliteform Manufacturing Ltd

## 8. Organisations

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### 8.1. ORG-0001

Official name: Eliteform Manufacturing Ltd

Registration number: 370585

Postal address: Dromiskin Road Castlebellingham Co Louth

Town: Castlebellingham

Postcode: A91HH93

Country subdivision (NUTS): Mid-East (IE062)

Country: Ireland

Email: [martin@eliteform.ie](mailto:martin@eliteform.ie)

Telephone: 0876494282

Internet address: <https://eliteformmanufacturing.com/>

Buyer profile: <https://eliteformmanufacturing.com/>

**Roles of this organisation:**

Buyer

Organisation providing offline access to the procurement documents

Organisation receiving requests to participate

Organisation processing tenders

### 8.1. ORG-0002

Official name: The High Court of Ireland

Registration number: The High Court of Ireland

Department: The High Court of Ireland

Postal address: Four Courts, Inns Quay, Dublin 7

Town: Dublin

Postcode: D07 WDX8

Country subdivision (NUTS): Dublin (IE061)

Country: Ireland

Email: [HighCourtCentralOffice@courts.ie](mailto:HighCourtCentralOffice@courts.ie)

Telephone: +353 1 8886000

**Roles of this organisation:**

Review organisation

Organisation providing more information on the review procedures

**8.1. ORG-0003**

Official name: European Dynamics S.A.

Registration number: 002024901000

Department: European Dynamics S.A.

Town: Athens

Postcode: 15125

Country subdivision (NUTS): Βόρειος Τομέας Αθηνών (EL301)

Country: Greece

Email: [eproc-esender@eurodyn.com](mailto:eproc-esender@eurodyn.com)

Telephone: +30 2108094500

**Roles of this organisation:**

TED eSender

## Notice information

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Notice identifier/version: 6455cf24-41d4-4dda-a458-3c85d3fc87db - 01

Form type: Competition

Notice type: Contract or concession notice – standard regime

Notice subtype: E3

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