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Award

250314 AMS Robomould 700 machine

Queen's University Belfast

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Notice identifier: 2026/S 000-004190
Procurement identifier (OCID): ocds-h6vhtk-060859 (view related notices)
Published 19 January 2026, 9:49am

Scope

Reference

250314

Description

AMS Robomould 700 machine with robot controlled and direct electrical tool heating to enable QUB AMIC to test, prototype and optimise larger full scale rotomoulded products. Contract includes two years warranty.

Contract 1. AMS Robomould 700 machine

Supplier

- AMS BELGIUM BV

Contract value

- £376,936.46 including VAT

Above the relevant threshold

Earliest date the contract will be signed

16 February 2026

Contract dates (estimated)

- 17 February 2026 to 31 May 2028

- 2 years, 3 months, 12 days

Main procurement category

Goods

CPV classifications

- 42994200 - Machinery for working plastics

Contract locations

- UKN - Northern Ireland

Other information

Conflicts assessment prepared/revised

Yes

Procedure

Procedure type

Direct award

Direct award justification

Single supplier - technical reasons

The following conditions are met in relation to the public contract-(a) due to an absence of competition for technical reasons, only a particular supplier can supply the goods, services or works required, and (b) there are no reasonable alternatives to those goods. AMS Robotics is the sole provider worldwide of robot-controlled, directly electrically heated rotational rotomoulding machines with multi (3+) axis tool movement capabilities. The unique programmable robotic controlled multi axis tool rotation is essential for our ongoing and future R&D&I - there is a complete absence of competition and no reasonable alternatives available. Conventional rotational moulding machine suppliers only offer 2 axis / biaxial fixed mould rotation with no robotic control or programmable robotic movement of the tooling. AMS Robomould is a robot-centric, multi-axis rotomoulding cell that replaces the conventional rotomoulding oven with direct electric heating and 6-axis robotic motion to deliver highly automated, flexible, low-energy production. The multi-axis robot gives programmable rotation profiles, non-standard kinematics and the ability to use continuous complex motion paths to improve wall-thickness uniformity on complex geometries. This has a significant advantage when moulding innovative designs with extreme aspect ratios, developing advanced engineering materials (e.g. low viscosity liquids as opposed to conventional powders) and

during metallic or composite insert overmoulding (ensuring part coverage).

Supplier

AMS BELGIUM BV

- Public Procurement Organisation Number: PWNZ-8159-CGBZ

Kieleberg 5

Bilzen-Hoeselt

3740

Belgium

Email: info@amsrobotics.com

Website: http://www.ams-innovation.com

Small or medium-sized enterprise (SME): Yes

Voluntary, community or social enterprise (VCSE): No

Contract 1. AMS Robomould 700 machine

Contracting authority

Queen's University Belfast

- Charity Commission for Northern Ireland: 101788

- Public Procurement Organisation Number: PMQQ-8477-XTZM

University Rd

Belfast

BT7 1NN

United Kingdom

Email: procurement@qub.ac.uk

Region: UKN06 - Belfast

Organisation type: Public authority - sub-central government

Devolved regulations that apply: Northern Ireland