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Tender

Polymer processing equipment

University of Northumbria at Newcastle

UK4: Tender notice - Procurement Act 2023 - [view information about notice types](#)

Notice identifier: 2025/S 000-050410

Procurement identifier (OCID): ocds-h6vhtk-058bd8

Published 21 August 2025, 10:05am

Scope

Reference

T24/0086

Description

The university is seeking to procure a micro compounder, injection moulder, and platen press to support advanced research into novel nanocomposites-materials that combine nanoscale fillers with polymer matrices to achieve enhanced physical properties. These tools are essential for enabling precise and flexible sample preparation, which is critical for investigating mechanical, thermal, and structural characteristics of newly developed materials.

- The micro compounder must be capable of processing very small quantities of polymers and additives, ideal for R&D involving expensive or rare substances.
- The injection moulder should allow for the creation of standardised test specimens with tight control over temperature, pressure, and mould geometry.
- The platen press must offer programmable pressure and heat settings to form composite

sheets or layered samples.

The machines will be used in conjunction with each other and must demonstrate their inter-compatibility.

For more information about this opportunity, please visit the Delta eSourcing portal at:

<https://www.delta-esourcing.com/tenders/UK-UK-Newcastle-upon-Tyne:-Machinery-for-working-plastics./VRT5426HWS>

To respond to this opportunity, please click here:

<https://www.delta-esourcing.com/respond/VRT5426HWS>

Total value (estimated)

- £200,000 including VAT

Below the relevant threshold

Contract dates (estimated)

- 3 November 2025 to 2 November 2027
- 2 years

Main procurement category

Goods

CPV classifications

- 42994200 - Machinery for working plastics

Contract locations

- UKC - North East (England)

Submission

Enquiry deadline

5 September 2025, 5:00pm

Tender submission deadline

22 September 2025, 5:00pm

Submission address and any special instructions

<https://www.delta-esourcing.com/respond/VRT5426HWS>

Tenders may be submitted electronically

Yes

Award criteria

Name	Type	Weighting
Quality	Quality	60%
Price	Price	40%

Procedure

Procedure type

Below threshold - open competition

Contracting authority

University of Northumbria at Newcastle

- Public Procurement Organisation Number: PNBP-4638-XHJP

Sutherland Building, Camden Street, Newcastle upon Tyne

Newcastle upon Tyne

NE1 8ST

United Kingdom

Contact name: Laura Rizaeva

Telephone: 0191 227 4303

Email: laura.rizaeva@northumbria.ac.uk

Region: UKC22 - Tyneside

Organisation type: Public authority - sub-central government