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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)

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## 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

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## Award criteria

Name	Type	Weighting
Quality	Quality	60%
Price	Price	40%

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## Procedure

### Procedure type

Below threshold - open competition

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## 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

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Region: UKC22 - Tyneside

Organisation type: Public authority - sub-central government