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Tender

4434/AMRC/GM/25 - Two Component Resin Transfer Moulding Machine

UNIVERSITY OF SHEFFIELD

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

Notice identifier: 2025/S 000-031557

Procurement identifier (OCID): ocds-h6vhtk-0546c2 ([view related notices](#))

Published 11 June 2025, 2:29pm

Scope

Reference

4434/AMRC/GM/25

Description

4434/AMRC/GM/25 Two Component Resin Transfer Moulding Machine

The University of Sheffield wishes to invite tenders for a Two Component Resin Transfer Moulding Machine on behalf of the Advanced Manufacturing Research Centre, Composites Group at Catcliffe, South Yorkshire.

Scope of Requirement

The AMRC Composite Centre is tendering for the supply, installation, and commissioning of a two component (2K) Resin Transfer Moulding Machine (RTM).

The RTM system shall be considered as Research and Development equipment with the ability to mimic production scenarios. As a result, the system should be flexible enough to

be reconfigured for a variety of resin, injection, and tooling options. To fulfil this requirement, the equipment will need to be cleaned between projects. It is anticipated that this would be done in an efficient (preferably automated) fashion.

The machine will primarily be a two-component (2K) system. The ability to perform single component injections is desirable, as is a third stream for internal mould release.

The approximate budget for this exercise is anticipated to be £130,000 (excluding VAT). Tenderers should note that submissions in excess of this amount may be considered subject to technical merit and availability of further funds.

Application:

It is envisaged that the machine will be linked to either of our existing presses or as a stand-alone unit connected to a self-clamping mould tool and will manufacture low volumes of prototype parts for, primarily, the Automotive and Aerospace markets.

Tender Process and Documentation:

This procurement is an open procedure conducted in accordance with the Procurement Act 2023.

The ITT can be downloaded by registering and expressing your interest on the University's e-tendering system <https://in-tendhost.co.uk/Sheffield>

If you have any questions or comments in relation to this tender they must be submitted via the In-tend System, this can be accessed at <https://in-tendhost.co.uk/Sheffield>

Completed tenders must be returned through the same e-tendering system.

Closing date for receipt of tenders: June 27, 2025 at 12 noon (UK time).

Total value (estimated)

- £130,000 excluding VAT
- £156,000 including VAT

Below the relevant threshold

Contract dates (estimated)

- 11 July 2025 to 1 April 2026
- 8 months, 22 days

Main procurement category

Goods

CPV classifications

- 31600000 - Electrical equipment and apparatus
- 31640000 - Machines and apparatus with individual functions
- 38430000 - Detection and analysis apparatus
- 38432000 - Analysis apparatus
- 38900000 - Miscellaneous evaluation or testing instruments
- 42000000 - Industrial machinery
- 42900000 - Miscellaneous general and special-purpose machinery
- 42990000 - Miscellaneous special-purpose machinery
- 51540000 - Installation services of special-purpose machinery and equipment

Contract locations

- UKE - Yorkshire and the Humber
-

Submission

Tender submission deadline

27 June 2025, 1:00pm

Submission address and any special instructions

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Completed tenders must be returned through the same e-tendering system.

Tenders may be submitted electronically

Yes

Award criteria

Name	Type	Weighting
Quality	Quality	90%
Price	Price	10%

Procedure

Procedure type

Below threshold - open competition

Documents

Associated tender documents

<https://in-tendhost.co.uk/Sheffield>

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Contracting authority

UNIVERSITY OF SHEFFIELD

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United Kingdom

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Region: UKE32 - Sheffield

Organisation type: Public authority - sub-central government