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Planning

Supply of Human Bone Grinder including Maintenance and spare parts

NHS Blood and Transplant

UK2: Preliminary market engagement notice - Procurement Act 2023 - [view information about notice types](#)

Notice identifier: 2026/S 000-001891

Procurement identifier (OCID): ocds-h6vhtk-0602e7

Published 9 January 2026, 2:03pm

Scope

Reference

C413595

Description

NHS Blood and Transplant (NHSBT) have a requirement for a Bone Grinder for use in the Tissue and Eye Services (TES).

Tissue and Eye Services currently use a bone grinder to manufacture demineralised bone matrix (DBM), it is used to grind human bone struts into a fine powder prior to demineralisation. The grinder must be suitable for use in a cleanroom and leave no metal residue on the bone. A new grinder must be able to grind bone to a particle size between 250µm and 710µm. All parts that come into contact with bone during use, must be removable and autoclavable at different temperatures. This consists of a wash cycle where the temperature must be sustained >55oC, a Reverse Osmosis water stage heated to >90oC and a dry air stage at a temperature of >100oC.

DBM from TES treat more than 700 patients per year.

Our current bone grinder runs off a separate compressor, we are looking for a new bone grinder that will run off mains electricity, with no requirement for a separate compressor.

NHSBT are looking to engage with suppliers who can provide a bone grinder to meet our requirements.

NHSBT wishes to invite suppliers who express an interest in this opportunity to Supplier Engagement meetings to be held on-line via Microsoft Teams on 16th February 2026.

Any interested organisations are asked to contact carley.butcher@nhsbt.nhs.uk no later than 17:00 on 6th February 2026 to express their interest.

If you do not respond by this date, you are not excluded from participating in the forthcoming tender, this date is to allow for optional supplier engagement meetings to be organised.

There is no guarantee that a formal procurement process will be launched as a result of this early market engagement exercise, nor that any contract(s) will be placed. No remuneration or compensation etc will be paid to organisations who take part in this early market engagement exercise. Suppliers should take part in this process only on the basis that they fully understand and accept this position.

Further information e.g. draft technical specification, award criteria and timescales may be released for consultation purposes only, to organisations who express an interest in this notice.

Please note that all details are subject to change.

Total value (estimated)

- £145,000 excluding VAT
- £174,000 including VAT

Above the relevant threshold

Contract dates (estimated)

- 1 July 2026 to 30 June 2031
- Possible extension to 30 June 2036
- 10 years

Main procurement category

Goods

Additional procurement category

Services

CPV classifications

- 42642200 - Machine tools for working bone
- 33921000 - Bone dust collectors
- 33100000 - Medical equipments

Contract locations

- UK - United Kingdom

Engagement

Engagement deadline

6 February 2026

Engagement process description

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Participation

Particular suitability

Small and medium-sized enterprises (SME)

Submission

Publication date of tender notice (estimated)

23 March 2026

Contracting authority

NHS Blood and Transplant

- Public Procurement Organisation Number: PDBY-6395-VWBP

500 North Bristol Park

Bristol

BS34 7QH

United Kingdom

Contact name: Carley Butcher

Email: carley.butcher@nhsbt.nhs.uk

Website: <https://www.nhsbt.nhs.uk/>

Region: UKK12 - Bath and North East Somerset, North Somerset and South Gloucestershire

Organisation type: Public authority - central government