

INVITATION TO TENDER

Supply, Delivery and Commissioning of a Closed-Loop Water Cooling System

Tender Reference: RPUK-ITT-2026-001

Issue Date: 15 July 2026

Tender Closing Date: 31 July 2026

1. Introduction

Recycled Plastics UK Ltd invites suitably qualified manufacturers and suppliers to submit a tender for the design, manufacture, supply, delivery and optional installation and commissioning of a **closed-loop water cooling system** for a vacuum pump serving an LDPE plastic recycling line.

The successful supplier will provide a complete industrial cooling solution suitable for continuous operation within a plastics recycling environment.

2. Company Information

Purchaser

Recycled Plastics UK Ltd
Freeman Street
Wolverhampton
West Midlands
WV10 0ES
United Kingdom

3. Scope of Supply

The successful supplier shall supply one complete closed-loop water cooling system including all equipment necessary for reliable and continuous operation.

The scope shall include, as a minimum:

- Closed-loop water cooling system
- Stainless steel water storage tank
- Stainless steel tubular heat exchanger
- Water circulation pump
- Water filtration system
- Automatic freshwater make-up system
- Water level monitoring
- Water quality monitoring
- Electrical control panel
- Interconnecting pipework supplied as standard
- Operating and maintenance manuals
- Commissioning documentation
- CE/UKCA compliant equipment (where applicable)

Optional pricing should also be provided for:

- Installation
- Commissioning
- Operator training
- Annual maintenance support

4. Minimum Technical Requirements

The proposed equipment shall meet or exceed the following minimum specification.

Cooling System

- Closed-loop water circulation
- Continuous industrial duty
- Suitable for vacuum pump cooling

Head Office: Freeman Street, Wolverhampton, West Midlands, England, WV10 0ES

T: +44 (0) 1902 458 111

E: info@recycledplasticsuk.com

Registered in England and Wales Company Registration No 06645314

VAT Registration No GB 938246694

EORI number: GB938246694000

Water Tank

- Approximately 1,500 litres
- Stainless steel construction
- Fully insulated

Heat Exchanger

- Stainless steel tubular construction
- Sized for continuous industrial operation

Water Filtration

- Approximately 150-micron filtration
- Easy maintenance access

Pump

- Industrial-duty circulation pump
- Continuous operation

Water Management

- Automatic fresh water refill
- Automatic water level control
- Overflow protection

Water Quality Monitoring

- pH monitoring
- Conductivity monitoring
- Sensors suitable for continuous operation

Electrical

- 400V
- 3 Phase
- 50Hz
- Control panel included

Operating Conditions

- Ambient temperature:
5°C to 40°C

Application:

Cooling water for a vacuum pump operating on an LDPE plastic recycling line.

5. Supplier Information Required

Tenderers shall provide the following information.

Company Details

- Company name
- Registered address
- Contact person
- Telephone
- Email
- Company registration number
- VAT number

Technical Submission

Please include:

- Full technical specification
- Product data sheets
- General arrangement drawing
- P&ID (if available)
- Equipment dimensions
- Shipping weight
- Cooling capacity
- Pump specification
- Electrical load

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- Water consumption
- Materials of construction
- Recommended maintenance schedule

6. Commercial Submission

Please provide:

- Total equipment price
- Optional installation cost
- Optional commissioning cost
- Operator training cost
- Spare parts pricing
- Delivery cost
- Incoterms
- Lead time
- Payment terms
- Warranty period
- Quotation validity

Prices should clearly identify:

- Equipment
- Freight
- Installation (optional)
- Commissioning (optional)
- VAT (where applicable)

7. Documentation Required

Please include:

- Product brochures
- Technical drawings
- Installation requirements
- Foundation requirements (if any)
- Utility requirements
- Operating manual (sample acceptable)
- Maintenance manual (sample acceptable)
- CE/UKCA Declaration of Conformity
- Quality certifications (ISO 9001 or equivalent where applicable)

8. Warranty

Tenderers shall state:

- Warranty period
- Items covered
- Response time for warranty claims
- Availability of spare parts
- Availability of UK service engineers
- Typical spare parts delivery time

9. Delivery

Delivery shall be made to:

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Tenderers shall state:

- Manufacturing lead time
- Shipping duration
- Earliest available delivery date

10. Tender Evaluation

Tenders will be evaluated on, but not limited to, the following criteria:

Evaluation Criteria	Weighting
Technical compliance	40%
Commercial value	30%
Delivery schedule	10%
Warranty and after-sales support	10%
Supplier experience and references	10%

Recycled Plastics UK Ltd reserves the right to accept or reject any tender, in whole or in part, and is not obliged to accept the lowest-priced submission.

11. Tender Submission

Tender submissions shall include:

- Technical proposal
- Commercial proposal
- Supporting technical documentation
- Delivery schedule
- Warranty information
- Completed pricing

Electronic submissions in PDF format are preferred.

Closing Date:

31 July 2026

Late submissions may not be considered.

12. Enquiries

Any technical or commercial queries relating to this tender should be directed to:

Procurement Department

Recycled Plastics UK Ltd

13. Declaration

By submitting a tender, the supplier confirms that:

- The information provided is accurate.
- The proposed equipment complies with the specification or clearly identifies any deviations.
- Pricing remains valid for the period stated in the quotation.
- The supplier has the capability to fulfil the contract if awarded.

We appreciate your interest in this opportunity and look forward to receiving your tender submission.

Yours faithfully

Procurement Department

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