

INVITATION TO TENDER

Supply of 75kW AC Vector Motor and 75kW Variable Speed Drive

Tender Reference: RPUK-2026-001

Issue Date: 15 July 2026

Tender Closing Date: 31 July 2026 (5:00 PM BST)

1. Introduction

Recycled Plastics UK Ltd invites suitably qualified suppliers to submit a tender for the supply of one (1) AC Vector Motor and one (1) Variable Speed Drive (VSD) in accordance with the specification detailed below. Suppliers may propose equivalent or superior products provided they meet or exceed the minimum technical requirements.

2. Scope of Supply

The successful supplier shall provide:

Item 1 – AC Vector Motor

- Quantity: 1
- Output Power: 75.7 kW
- Speed: 1682 RPM
- Enclosure Protection: IP23
- Mounting Arrangement: B3 (Foot Mounted)
- Frame Size: 160 Frame
- Suitable for inverter duty operation
- Complete with standard documentation

Equivalent to:

- Vascot MAC-QI-160M-I41-B3 or approved equivalent.

Item 2 – Variable Speed Drive

- Quantity: 1
- Power Rating: 75 kW
- Supply Voltage: 400V
- Three Phase
- Enclosure Rating: IP20
- Dynamic Braking capability
- Safe Torque Off (STO)
- Integrated C3 EMC Filter
- Fully compatible with the above motor

Equivalent to:

- Yaskawa GA700 (Part No. GA70C4168BBA) or approved equivalent.

3. Tender Submission Requirements

Tenderers shall include:

- Detailed technical specification.
- Manufacturer and model numbers.
- Confirmation of compliance with the specification.
- Any proposed alternatives with supporting technical literature.
- Unit and total pricing.
- Delivery charges.
- Lead time from receipt of order.
- Warranty period.
- Country of manufacture.
- Availability of spare parts and technical support.

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

- Datasheets for all proposed equipment.
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4. Delivery

Delivery shall be made to:

Recycled Plastics UK Ltd

Unit 1 Freeman Street

Heathtown

Wolverhampton

West Midlands

WV10 0ES

Tenderers shall state:

- Estimated delivery time.
 - Delivery method.
 - Packaging details.
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5. Evaluation Criteria

Tenders will be evaluated based upon:

- Compliance with the technical specification.
- Total cost of supply.
- Delivery lead time.
- Product quality and reliability.
- Warranty and after-sales support.
- Supplier experience and technical capability.

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

6. Tender Validity

Submitted tenders shall remain valid for a minimum period of **30 days** from the tender closing date.

7. Submission of Tender

Completed tenders should be submitted electronically to:

Email: info@recycledplasticsuk.com

Subject: Tender Submission – RPUK-2026-001

All tenders must be received **no later than 5:00 PM BST on 31 July 2026**.

8. Enquiries

Any technical or commercial enquiries regarding this tender should be directed to:

Purchasing Department

Recycled Plastics UK Ltd

We look forward to receiving your competitive tender and thank you for your interest in supplying Recycled Plastics UK Ltd.

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