

This is a published notice on the Find a Tender service: <https://www.find-tender.service.gov.uk/Notice/004405-2024>

Tender

## **Polyolefin Challenge Test - Phase 4 and Phase 5: Development Testing Protocol and Testing of Process**

Waste & Resources Action Programme, WRAP

F02: Contract notice

Notice identifier: 2024/S 000-004405

Procurement identifier (OCID): ocds-h6vhtk-0438c3

Published 9 February 2024, 12:05pm

### **Section I: Contracting authority**

#### **I.1) Name and addresses**

Waste & Resources Action Programme, WRAP

Second Floor, Blenheim Court, 19 George Street, Banbury

Banbury

OX16 5BH

#### **Contact**

Wei Shao

#### **Email**

[Wei.Shao@wrap.org.uk](mailto:Wei.Shao@wrap.org.uk)

#### **Telephone**

+44 1295819900

#### **Country**

United Kingdom

**Region code**

UK - United Kingdom

**Internet address(es)**

Main address

[www.wrap.org.uk](http://www.wrap.org.uk)

**I.3) Communication**

The procurement documents are available for unrestricted and full direct access, free of charge, at

<https://www.delta-esourcing.com/tenders/UK-UK-Banbury:-Research-and-experimental-development-services./YW9G7MWNH3>

Additional information can be obtained from the above-mentioned address

Tenders or requests to participate must be submitted electronically via

<https://www.delta-esourcing.com/respond/YW9G7MWNH3>

Tenders or requests to participate must be submitted to the above-mentioned address

**I.4) Type of the contracting authority**

Body governed by public law

**I.5) Main activity**

Environment

---

## **Section II: Object**

### **II.1) Scope of the procurement**

#### **II.1.1) Title**

Polyolefin Challenge Test - Phase 4 and Phase 5: Development Testing Protocol and Testing of Process

Reference number

VPU013

#### **II.1.2) Main CPV code**

- 73100000 - Research and experimental development services

#### **II.1.3) Type of contract**

Services

#### **II.1.4) Short description**

Development of a Polyolefin Challenge Test designed to increase the confidence of the recycling industry to produce recycled polyolefin flake to the required level for recycled content in the UK.

This project will focus on the development of the testing protocol and testing of the protocol developed and to recommend any refinements necessary.

#### **II.1.5) Estimated total value**

Value excluding VAT: £192,000

#### **II.1.6) Information about lots**

This contract is divided into lots: No

### **II.2) Description**

#### **II.2.2) Additional CPV code(s)**

- 73100000 - Research and experimental development services
- 90713000 - Environmental issues consultancy services

### **II.2.3) Place of performance**

NUTS codes

- UK - United Kingdom

Main site or place of performance

UNITED KINGDOM

### **II.2.4) Description of the procurement**

The overarching aim of this project is to develop a Polyolefin Challenge Test designed to increase the confidence of the recycling industry to produce recycled polyolefin flakes to the required level for recycled content in the UK.

This is a seven-stage process aiming to produce a dossier suitable for a reference for food-grade recycled polyolefins. This work is for Phase 4 and Phase 5 only.

Phase 1 – Background history. Development of Challenge Test for PET and adoption to the milk industry.

Phase 2 – focus on substances that can be introduced from the packaging.

Phase 3 – focus on substances that can be introduced to polyolefins by the products that are packaged in them.

Phase 4 – development testing protocol. (Procurement in this work)

Phase 5 – testing of the process - testing of the protocol developed in phase 4 and recommending any refinements necessary. (Procurement in this work)

Phase 6 – refinement (if required).

Phase 7 – Signoff – produce test protocol.

The overall objective of Phase 4 is to use the information generated through Phases 1-3 (available in the appendix) and use this information to propose a protocol for testing the cleaning and decontamination efficiency of recycling processes.

Phase 4 will focus on:

1. Proposing testing protocol approaches for polyolefins
2. Identify suitable surrogates by polarity, volatility and molecular weight

3. Analysing the suitability of the protocol

4. Identifying processes partners to collaborate with for testing

5. Testing with post-consumer materials (if required – some testing for contaminants on post-consumer polyolefins was completed in Phase 3 and results are available in Phase 3).

6. Analysing and modifying

7. Linking to regulatory bodies

8. Specifying testing equipment and methods

Phase 5 will focus on

1. Batch testing of materials

2. Identify any gaps

3. Refine process if required

4. Wider market consultation

5. Validation of QA measures

#### **II.2.5) Award criteria**

Price is not the only award criterion and all criteria are stated only in the procurement documents

#### **II.2.6) Estimated value**

Value excluding VAT: £192,000

#### **II.2.7) Duration of the contract, framework agreement or dynamic purchasing system**

Duration in months

12

This contract is subject to renewal

No

#### **II.2.10) Information about variants**

Variants will be accepted: No

#### **II.2.11) Information about options**

Options: No

#### **II.2.13) Information about European Union Funds**

The procurement is related to a project and/or programme financed by European Union funds: No

#### **II.2.14) Additional information**

To respond to this opportunity please click here: <https://www.delta-esourcing.com/respond/YW9G7MWNH3>

---

### **Section III. Legal, economic, financial and technical information**

#### **III.1) Conditions for participation**

##### **III.1.2) Economic and financial standing**

Selection criteria as stated in the procurement documents

##### **III.1.3) Technical and professional ability**

Selection criteria as stated in the procurement documents

#### **III.2) Conditions related to the contract**

##### **III.2.2) Contract performance conditions**

As stated in the procurement documents.

##### **III.2.3) Information about staff responsible for the performance of the contract**

Obligation to indicate the names and professional qualifications of the staff assigned to performing the contract

---

## **Section IV. Procedure**

### **IV.1) Description**

#### **IV.1.1) Type of procedure**

Open procedure

#### **IV.1.8) Information about the Government Procurement Agreement (GPA)**

The procurement is covered by the Government Procurement Agreement: Yes

### **IV.2) Administrative information**

#### **IV.2.2) Time limit for receipt of tenders or requests to participate**

Date

15 March 2024

Local time

11:45pm

#### **IV.2.4) Languages in which tenders or requests to participate may be submitted**

English

#### **IV.2.6) Minimum time frame during which the tenderer must maintain the tender**

Duration in months: 4 (from the date stated for receipt of tender)

#### **IV.2.7) Conditions for opening of tenders**

Date

18 March 2024

Local time

9:00am

---

## **Section VI. Complementary information**

### **VI.1) Information about recurrence**

This is a recurrent procurement: No

## **VI.2) Information about electronic workflows**

Electronic ordering will be used

Electronic invoicing will be accepted

Electronic payment will be used

## **VI.3) Additional information**

The contracting authority considers that this contract may be suitable for economic operators that are small or medium enterprises (SMEs). However, any selection of tenderers will be based solely on the criteria set out for the procurement.

For more information about this opportunity, please visit the Delta eSourcing portal at:

<https://www.delta-esourcing.com/tenders/UK-UK-Banbury:-Research-and-experimental-development-services./YW9G7MWNH3>

To respond to this opportunity, please click here:

<https://www.delta-esourcing.com/respond/YW9G7MWNH3>

GO Reference: GO-202429-PRO-25134323

## **VI.4) Procedures for review**

### **VI.4.1) Review body**

Waste & Resources Action Programme

Second Floor, Blenheim Court, 19 George Street, Banbury

Banbury

OX16 5BH

Country

United Kingdom