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Contract

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

Waste & Resources Action Programme, WRAP

F03: Contract award notice

Notice identifier: 2024/S 000-018006

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

Published 11 June 2024, 2:05pm

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

Body governed by public law

**I.5) Main activity**

Environment

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**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.1.6) Information about lots**

This contract is divided into lots: No

#### **II.1.7) Total value of the procurement (excluding VAT)**

Value excluding VAT: £180,667

### **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. Background: 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**

Quality criterion - Name: Quality / Weighting: 80

Cost criterion - Name: Price / Weighting: 20

#### **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>

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## **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.2.1) Previous publication concerning this procedure**

Notice number: [2024/S 000-004405](#)

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## **Section V. Award of contract**

### **Title**

VPU013-GEN Polyolefin Challenge Test - Development Testing Protocol and Testing of Process

A contract/lot is awarded: Yes

### **V.2) Award of contract**

#### **V.2.1) Date of conclusion of the contract**

30 April 2024

#### **V.2.2) Information about tenders**

Number of tenders received: 1

Number of tenders received from SMEs: 1

Number of tenders received by electronic means: 1

The contract has been awarded to a group of economic operators: No

**V.2.3) Name and address of the contractor**

Nextek Limited

66 Westbourne Terrace, Suite 5

London

W2 3UJ

Country

United Kingdom

NUTS code

- UK - United Kingdom

National registration number

05495567

The contractor is an SME

Yes

**V.2.4) Information on value of contract/lot (excluding VAT)**

Initial estimated total value of the contract/lot: £180,667

Total value of the contract/lot: £180,667

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## **Section VI. Complementary information**

### **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.

To view this notice, please click here:

<https://www.delta-esourcing.com/delta/viewNotice.html?noticeId=855246977>

GO Reference: GO-2024611-PRO-26550908

### **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