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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

Telephone

+44 1295819900

Country

United Kingdom

Region code

UK - United Kingdom

Internet address(es)

Main address

www.wrap.org.uk

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.1.6) 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>

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](#)

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

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