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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

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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.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>

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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