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Tender

Biowaste training - Aerobic and anaerobic treatment

ENVIRONMENT AGENCY

UK4: Tender notice - Procurement Act 2023 - view information about notice types
Notice identifier: 2025/S 000-032370
Procurement identifier (OCID): ocds-h6vhtk-0548c2 (view related notices)
Published 13 June 2025, 3:58pm

Scope

Description

Aerobic and anaerobic treatment training biowaste activities can play a key role in providing energy security for the UK. The EA's ambition is to provide a programme of training which supports EA officers in their biowaste capability journey. We have formal learning interventions in place, Operational Instructions which detail process, on the job coaching and mentoring in respect to assuring compliance within the biowaste sector, and tools which are used to provide a consistent and risk-based approach to regulation.

Total value (estimated)

- £171,200 excluding VAT
- £205,440 including VAT

Below the relevant threshold

Contract dates (estimated)

- 26 August 2025 to 25 August 2028
- Possible extension to 25 August 2030
- 5 years

Description of possible extension:

+1 year +1 year

Options

The right to additional purchases while the contract is valid.

Management Discretion

Main procurement category

Services

CPV classifications

- 80510000 - Specialist training services

Lot 1. Lot 1 - Anaerobic Treatment of Waste (T589)

Description

At the end of the course delegates will be able to: • Identify the role of AD in energy security and describe the drivers of the AD market. • Describe the biochemistry of AD, including identifying and understanding the critical process monitoring parameters. • Identify the aspects of AD plant design. This should include plant & equipment design and installation in accordance with the Waste Treatment BREF and biowaste appropriate measures. • Identify waste feedstock management methods and describe the problem scenarios. • Identify examples of failures, explain the root cause of failures and the importance of good design and feedstock control. • Identify the role of Animal By-products regulations. • Evaluate process control measures at sites. This includes reviewing monitoring results to determine the consequences of poor control and the identification of instability within the AD process. • Identify the variety of AD technologies, including biogas upgrading technology and carbon capture. • Describe the requirements and environmental challenges from digestate storage, treatment & use. • Describe the role of end of waste quality protocols or resource frameworks for digestate. • Perform troubleshooting of problems. • Understand the health and safety risks associated with anaerobic digestion activities. • Perform competent and thorough technical regulatory assessments. • Identify the specific challenges posed by sewage sludge anaerobic digestion sites.

Lot value (estimated)

- £85,600 excluding VAT
- £102,720 including VAT

Same for all lots

CPV classifications, contract dates and options are shown in the Scope section, because they are the same for all lots.

Lot Lot 2. Lot 2: Aerobic Treatment of Waste (T593)

Description

At the end of the course delegates will be able to: • Identify the role of aerobic treatment of waste in the UK economy and describe its interaction with government policy (such as the Simpler Recycling reforms). • Identify the aspects of aerobic treatment site processes and plant design. This should include plant & equipment design and operation in accordance with the Waste Treatment BREF and biowaste appropriate measures. • Describe the biochemistry of composting in both open and closed systems. • Identify waste feedstock management methods and describe the problem scenarios. • Identify examples of failures, explain the root cause of failures and the importance of good design and feedstock control. • Identify the role of Animal By-products regulations in aerobic treatments of waste. • Evaluate critical process monitoring parameters. This includes reviewing monitoring results to determine the consequences of poor control and identification of instability within aerobic processes. • Identify the different aerobic treatment technologies including composting, MBT and thermophilic aerobic digestion (TAD) processes. • Describe the requirements and environmental challenges from compost storage, treatment & use. • Describe the role of end of waste quality protocols or resource frameworks for compost. • Perform troubleshooting of problems. • Perform competent and thorough technical regulatory assessments.

Lot value (estimated)

- £85,600 excluding VAT
- £102,720 including VAT

Same for all lots

CPV classifications, contract dates and options are shown in the Scope section, because they are the same for all lots.

Participation

This procurement is reserved for

- UK suppliers

- Small and medium-sized enterprises (SMEs) and voluntary, community and social enterprises (VCSEs)

Conditions of participation

Lot 1. Lot 1 - Anaerobic Treatment of Waste (T589)

Lot Lot 2. Lot 2: Aerobic Treatment of Waste (T593)

None

Particular suitability

Lot 1. Lot 1 - Anaerobic Treatment of Waste (T589)

Lot Lot 2. Lot 2: Aerobic Treatment of Waste (T593)

- Small and medium-sized enterprises (SME)
- Voluntary, community and social enterprises (VCSE)

Submission

Enquiry deadline

26 June 2025, 12:00pm

Tender submission deadline

10 July 2025, 12:00pm

Submission address and any special instructions

https://defra-family.force.com/s/Welcome

Tenders may be submitted electronically

Yes

Award criteria

Evaluation and moderation meetings.

Procedure

Procedure type

Below threshold - open competition

Contracting authority

ENVIRONMENT AGENCY

- Public Procurement Organisation Number: PNWW-1475-NYLN

Seacole Building, 2 Marsham Street

London

SW1P 4DF

United Kingdom

Contact name: Network Procurement

Telephone: 03459335577

Email: network.procurement@defra.gov.uk

Website: https://defra-family.force.com/s/Welcome

Region: UKI32 - Westminster

Organisation type: Public authority - sub-central government