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Contract

Pagham Lagoon Water Quality Investigations

Natural England

UK7: Contract details notice - Procurement Act 2023 - [view information about notice types](#)

Notice identifier: 2026/S 000-012340

Procurement identifier (OCID): ocds-h6vhtk-06026e ([view related notices](#))

Published 11 February 2026, 12:05pm

Scope

Reference

NE090126WQI

Description

Pagham Lagoon (Unit 1 of Pagham Harbour SSSI) has been reported as having poor water quality by an external stakeholder, who provided water quality data showing significantly elevated levels of E. coli, total coliforms, and Enterococci. While these parameters are not typically assessed by Natural England, the concentrations reported are of potential ecological concern. No other water quality data for the lagoon is currently available.

Following further desk-based investigation, the source of the pollutants is still unknown. Natural England are therefore seeking to obtain a baseline understanding of the water quality condition at Pagham Lagoon and identify the sources of pollutants.

This will allow Natural England to determine the best course of action to address the water quality issues within Pagham Lagoon. We will then use this baseline knowledge to

implement targeted interventions to ensure SSSI condition improvement.

The requirements for the investigation are:

1. Desk based review of known/mapped outfalls into the lagoon, and any other existing evidence.
2. Mapping of surface water drainage system that feeds into the lagoon, to identify key potential sources.
3. Testing of the water quality within the lagoon is expected to include a broad range of parameters to establish baseline conditions and identify potential sources of pollution. The following parameters should be assessed as a minimum:

- Dissolved Oxygen
- Biochemical Oxygen Demand (BOD)
- Turbidity
- Nitrogen (likely Dissolved Inorganic Nitrogen due to the saline nature)
- Phosphorus (preferably soluble reactive phosphorous)
- Ammonia
- Conductivity
- Temperature
- Sulphate
- Soluble reactive phosphorous

Additional parameters of concern will include:

- E. coli
- Enterococci
- Consideration will also be given to possible sediment sampling, subject to confirmation of lagoon connectivity and sediment deposition processes.
- Sampling will be undertaken under various weather conditions to determine whether

water quality fluctuations are linked to storm events.

- Final written report compiling findings from the desk based and on the ground investigation, identifying and distinguishing sources of pollution, and recommendations for actions to improve water quality review of the information suppliers would need to decide whether they would be interested in an opportunity.

This is to be completed by 31st March 2026

Contract 1

Supplier

- CARCINUS LTD

Contract value

- £8,250 excluding VAT
- £9,900 including VAT

Below the relevant threshold

Date signed

28 January 2026

Contract dates

- 2 February 2026 to 31 March 2026
- 1 month, 27 days

Main procurement category

Services

CPV classifications

- 71354500 - Marine survey services

Contract locations

- UKJ - South East (England)

Procedure

Procedure type

Below threshold - open competition

Supplier

CARCINUS LTD

- Companies House: 10430355

- Public Procurement Organisation Number: PPGG-7676-ZRXG

Eastleigh Business Centre Wessex House

Eastleigh

SO50 9FD

United Kingdom

Email: tenders@carcinus.co.uk

Website: <https://www.carcinus.co.uk>

Region: UKJ35 - South Hampshire

Small or medium-sized enterprise (SME): Yes

Voluntary, community or social enterprise (VCSE): No

Contract 1

Contracting authority

Natural England

- Public Procurement Organisation Number: PJDG-6588-XDMM

Seacole Building, 2 Marsham Street

London

SW1P 4DF

United Kingdom

Contact name: Kelly Jones

Email: Kelly.Jones@naturalengland.org.uk

Region: UKI32 - Westminster

Organisation type: Public authority - central government