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Tender

Septic Tank and PTP upgrade: opportunity mapping & modelling

Natural England

UK4: Tender notice - Procurement Act 2023 - [view information about notice types](#)

Notice identifier: 2025/S 000-024641

Procurement identifier (OCID): ocids-h6vhtk-050bea

Published 22 May 2025, 11:43am

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Scope

Reference

NE020525STAPTP

Description

Natural England are exploring the use of replacing inefficient septic tanks and package treatment plants (PTPs) with PTPs that have a higher treatment efficiency for phosphorus and nitrogen to improve water quality in up to 27 catchments. The anticipated catchments are detailed in a table in the Annex.

For each catchment, we require estimates of the following:

Scale of opportunity: The scale of opportunity (in units) of upgrading inefficient septic tanks and PTPs in each catchment. This will need to be mapped using GI software.

Nutrient reduction: The potential nutrient reduction achieved (in kg/TP and kg/TN) for phosphorus and/or nitrogen depending on the NN catchment from replacing inefficient septic tanks and PTPs with more efficient PTPs.

Cost: The cost of delivering replacement PTPs and septic tanks at-scale.

In addition to the estimates above, the following deliverables are required:

Methodologies: Will need to be developed based on Natural England's existing methods and in consultation with Natural England and created using national datasets.

Datasets & code: Natural England will need the ability to run the model independently once the commission is complete. Any datasets and code used to create the methodology, estimates and mapping will need to be made available to NE upon completion.

Technical reports: The decided upon methodology will need to be written into a report to ensure it is reproducible by others. This should highlight any uncertainties where they arise.

These deliverables will need to be managed and administered by Natural England once the project is complete and are likely to be amended and updated over time.

Total value (estimated)

- £48,000 excluding VAT
- £57,600 including VAT

Below the relevant threshold

Contract dates (estimated)

- 17 June 2025 to 26 October 2025
- 4 months, 10 days

Main procurement category

Services

CPV classifications

- 90700000 - Environmental services

Contract locations

- UK - United Kingdom

Participation

This procurement is reserved for

UK suppliers

Particular suitability

Small and medium-sized enterprises (SME)

Submission

Enquiry deadline

30 May 2025, 5:00pm

Tender submission deadline

3 June 2025, 5:00pm

Submission address and any special instructions

To apply for this opportunity you must submit your quotation meeting the requirements detailed in the Request for Quotation (RFQ) attached.

Your response must be sent to max.glasser@naturalengland.org.uk or Jack Baribeau by 17:00 on 17th June 2025.

If you have any clarification questions linked to this opportunity or the procurement process please submit these via email to max.glasser@naturalengland.org.uk or Jack Baribeau . Please note that, unless commercially sensitive, both the question and the response will be circulated to all tenderers.

Tenders may be submitted electronically

No

Award criteria

Full details available in the RFQ.

Procedure

Procedure type

Below threshold - open competition

Documents

Associated tender documents

[NE-Request for Quote - Septic Tank and PTP upgrade \(1\).docx](#)

RFQ

[Septic Tank Order Form NE Standard Goods Services Terms and Conditions Clean Septic Tanks.docx](#)

Order Form

[NE_Commercial Response basic.docx](#)

Commercial Response

[NE020525STAPTP Q&As.docx](#)

Clarifications to Bidders' Questions

[Q&As 2025S 000-021258.docx](#)

Clarifications to Bidders Questions

Contracting authority

Natural England

- Public Procurement Organisation Number: PJDG-6588-XDMM

Seacole Building, 2 Marsham Street

London

SW1P 4DF

United Kingdom

Contact name: Max Glasser

Email: max.glasser@naturalengland.org.uk

Region: UKI32 - Westminster

Organisation type: Public authority - central government