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Contract

Groundwater Level Network Review – Standard Groundwater Index modelling of 40 sites across Wales

Natural Resources Wales

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

Notice identifier: 2025/S 000-051638

Procurement identifier (OCID): ocds-h6vhtk-058ea7

Published 27 August 2025, 2:52pm

Scope

Reference

C/2526/0017(A)

Description

The Geoscience Team have set up a project to review the groundwater level data we hold from

across our groundwater monitoring network (130 sites). We have chosen 40 site to look at in

more detail using the modelling code the British Geological Survey (BGS) have developed to

get a standard groundwater index (SGI).

The aim of the project is to use the AquMod 2 groundwater model (Mackay et al. 2022) in

conjunction with historical, bias corrected climate data to reconstruct daily groundwater level time series back to 1894 at each borehole, before calculating an equivalent standardised time

series which can be used to assess the historical occurrence of groundwater drought at each

borehole.

Once the data is processed through the modelling code, we (NRW in house) can then use this

data to compare and review groundwater levels from sites with different geologies and

geographical areas from around Wales in a standardised way. This allows analysis of drought

response and allow us to consider drought management in the future.

The BGS have developed the modelling code to determine the SGI. They are the only

organisation within the UK that can use the modelling code as the code is not commercially

available. As the BGS are the only organisation we must follow the Single Tender Action procurement process to secure a contact for the works.

Contract 1. Groundwater Level Network Review – Standard Groundwater Index modelling of 40 sites across Wales

Supplier

- British Geological Survey

Contract value

- £37,304.35 excluding VAT
- £44,765.22 including VAT

Below the relevant threshold

Date signed

11 August 2025

Contract dates

- 18 August 2025 to 31 December 2025
- 4 months, 14 days

Main procurement category

Services

CPV classifications

- 72316000 - Data analysis services
- 72319000 - Data supply services

Contract locations

- UKL - Wales

Procedure

Procedure type

Below threshold - without competition

Supplier

British Geological Survey

- Public Procurement Organisation Number: PWHV-7273-PGJY

Environmental Science Centre

Keyworth, Nottingham

NG12 5GG

United Kingdom

Email: joncka@bgs.ac.uk

Region: UKF16 - South Nottinghamshire

Small or medium-sized enterprise (SME): No

Voluntary, community or social enterprise (VCSE): No

Contract 1. Groundwater Level Network Review - Standard Groundwater Index modelling of 40 sites across Wales

Contracting authority

Natural Resources Wales

- Public Procurement Organisation Number: PBBR-3628-MPRN

Welsh Government Offices Cathays Park

Cardiff

CF10 3NQ

United Kingdom

Email: procurement@cyfoethnaturiolcymru.gov.uk

Website: <http://naturalresourceswales.gov.uk>

Region: UKL22 - Cardiff and Vale of Glamorgan

Organisation type: Public authority - central government

Devolved regulations that apply: Wales