

This is a published notice on the Find a Tender service: <https://www.find-tender.service.gov.uk/Notice/061273-2025>

Contract

Space Weather R2O2R - University of Surrey

Met Office

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

Notice identifier: 2025/S 000-061273

Procurement identifier (OCID): ocds-h6vhtk-059845 ([view related notices](#))

Published 1 October 2025, 12:03pm

Scope

Reference

DN779864

Description

- Finalise modifications of MAIRE+ code to use NM24/Cosmos data as the input neutron monitor source(s).
- Finalise upgrade to IGRF 14th generation, by 30/09/2025
- Collaborate with MO scientist on initial validation of MAIRE+ against SAIRA data from aviation campaign, including co-development of validation code for MAIRE+ using SAIRA data from radiosonde launches and from SAIRA aviation instruments.
- work with MO on roadmap to measure model performance against observations by 31/10/2025

Contract 1

Supplier

- University of Surrey

Contract value

- £158,000 excluding VAT
- £189,600 including VAT

Above the relevant threshold

Date signed

25 September 2025

Contract dates

- 1 October 2025 to 31 March 2026
- 6 months

Main procurement category

Services

CPV classifications

- 73100000 - Research and experimental development services

Contract locations

- UK - United Kingdom

Key performance indicators

Name	Reporting frequency
Delivery of documentation for current beta release in a format which allow for documentation to be regenerated in line with the code	1 months
Delivery of test infrastructure defined in Milestone1, able to run under continuous integration on merges, providing coverage reports and test pass/fail status for relevant part(s) of codebase. Ensure the tests cover individual components of the MAIRE+ workflow as well as an end-to-end integration test, to be run on merges.	1 months
Delivery of updated beta release of the model, complete with updated documentation and testing (implemented following Milestone1 recommendations) integrated into the deployment pipeline and updated IGRF model.	12 months

Other information

Conflicts assessment prepared/revised

Yes

Procedure

Procedure type

Direct award

Direct award justification

- Single supplier - intellectual property or exclusive rights
- Single supplier - technical reasons

The deliverables within the contract are associated with a model and code already developed and owned by the partner, (supplier) to a specific maturity under the SWIMMR Programme. The academics hold the model code IPR and provide model access to Met Office under Licence (pending renewal on signature of the contract) and therefore are uniquely placed to provide these services to the Met Office. Delivery will 'accelerate' the model's development towards transition to operations within the Met Office Space Weather service as mandated by DSIT. The purpose of the contract is to continue development of the models (which requires the 'deep expertise' of the model developer) and to transfer model and model code knowledge and expertise. In short, there is no other supplier for the work associated with this model as the Met Office requires the code and expertise solely located at Surrey.

Supplier

University of Surrey

- Public Procurement Organisation Number: PJPT-2767-WQLG

Stag Hill

Guildford

GU2 7XH

United Kingdom

Email: k.ryden@surrey.ac.uk

Region: UKJ25 - West Surrey

Small or medium-sized enterprise (SME): No

Voluntary, community or social enterprise (VCSE): No

Supported employment provider: No

Public service mutual: No

Contract 1

Contracting authority

Met Office

- Public Procurement Organisation Number: PVZW-3234-DTLY

Met Office

Exeter

EX1 3PB

United Kingdom

Email: procurement.enquiries@metoffice.gov.uk

Website: <https://www.metoffice.gov.uk/>

Region: UKK43 - Devon CC

Organisation type: Public authority - central government