

This is a published notice on the Find a Tender service: <https://www.find-tender.service.gov.uk/Notice/028822-2022>

Contract

## **Met Office Academic Partnership Science Framework**

Met Office

F03: Contract award notice

Notice identifier: 2022/S 000-028822

Procurement identifier (OCID): ocids-h6vhtk-032581

Published 13 October 2022, 12:57pm

### **Section I: Contracting authority**

#### **I.1) Name and addresses**

Met Office

Fitzroy Road

Exeter

EX1 3PB

#### **Contact**

Mrs Mel Staton

#### **Email**

[mel.staton@metoffice.gov.uk](mailto:mel.staton@metoffice.gov.uk)

#### **Telephone**

+44 1392885279

#### **Country**

United Kingdom

**Region code**

UK - United Kingdom

**Internet address(es)**

Main address

<http://www.metoffice.gov.uk>

Buyer's address

<http://www.metoffice.gov.uk>

**I.4) Type of the contracting authority**

Regional or local Agency/Office

**I.5) Main activity**

Other activity

Weather and Climate Services

---

## **Section II: Object**

### **II.1) Scope of the procurement**

#### **II.1.1) Title**

Met Office Academic Partnership Science Framework

Reference number

DN600943

#### **II.1.2) Main CPV code**

- 73000000 - Research and development services and related consultancy services

#### **II.1.3) Type of contract**

Services

#### **II.1.4) Short description**

The Met Office Academic Partnership (MOAP) is a cluster of research excellence bringing together the Met Office and leading UK Universities through a formal collaboration to advance the science and skill of weather and climate prediction.

#### **II.1.6) Information about lots**

This contract is divided into lots: Yes

#### **II.1.7) Total value of the procurement (excluding VAT)**

Value excluding VAT: £8,000,000

### **II.2) Description**

#### **II.2.1) Title**

Joint Chair Services

Lot No

1

#### **II.2.2) Additional CPV code(s)**

- 73100000 - Research and experimental development services
- 73200000 - Research and development consultancy services
- 73400000 - Research and Development services on security and defence materials

### **II.2.3) Place of performance**

NUTS codes

- UK - United Kingdom

### **II.2.4) Description of the procurement**

To foster the Partnership the Met Office invests in jointly funded chairs ('MOAP Joint Chair Services') with partner Universities. Up to 8 Universities will be awarded a place on Lot 1 to deliver Joint Chair Services.

### **II.2.5) Award criteria**

Quality criterion - Name: Quality / Weighting: 70

Price - Weighting: 30

### **II.2.11) Information about options**

Options: No

### **II.2.13) Information about European Union Funds**

The procurement is related to a project and/or programme financed by European Union funds: No

## **II.2) Description**

### **II.2.1) Title**

Hazard to decision making

Lot No

2

### **II.2.2) Additional CPV code(s)**

- 73100000 - Research and experimental development services

- 73200000 - Research and development consultancy services
- 73400000 - Research and Development services on security and defence materials

### **II.2.3) Place of performance**

NUTS codes

- UK - United Kingdom

### **II.2.4) Description of the procurement**

Hazard to Decision Making Research and Innovation Theme Expand and improve our services for stakeholders' risk-based decision making by working with users, social scientists, behavioural scientists, financial impact experts and engineers to gain an increased understanding of the impacts of hazards and to develop better impact based services.

### **II.2.5) Award criteria**

Quality criterion - Name: Quality / Weighting: 70

Price - Weighting: 30

### **II.2.11) Information about options**

Options: No

### **II.2.13) Information about European Union Funds**

The procurement is related to a project and/or programme financed by European Union funds: No

## **II.2) Description**

### **II.2.1) Title**

Research to Production

Lot No

3

### **II.2.2) Additional CPV code(s)**

- 73100000 - Research and experimental development services

- 73200000 - Research and development consultancy services
- 73400000 - Research and Development services on security and defence materials

### **II.2.3) Place of performance**

NUTS codes

- UK - United Kingdom

### **II.2.4) Description of the procurement**

Research to Production Theme Pull through developments in weather and climate research to improve our forecast systems, tailored to services in the forecasting timescales of primary interest to the Met Office and its customers.

### **II.2.5) Award criteria**

Quality criterion - Name: Quality / Weighting: 70

Price - Weighting: 30

### **II.2.11) Information about options**

Options: No

### **II.2.13) Information about European Union Funds**

The procurement is related to a project and/or programme financed by European Union funds: No

## **II.2) Description**

### **II.2.1) Title**

Producing, Refining and Delivering data

Lot No

4

### **II.2.2) Additional CPV code(s)**

- 73100000 - Research and experimental development services
- 73200000 - Research and development consultancy services

- 73400000 - Research and Development services on security and defence materials

### **II.2.3) Place of performance**

NUTS codes

- UK - United Kingdom

### **II.2.4) Description of the procurement**

Producing, Refining and Delivering data Theme Develop the Met Office supercomputing estate for operations and research, establish the technology and science needed to move, store and process our data, and design a flexible post-processing framework to turn predictions and observations into customer products.

### **II.2.5) Award criteria**

Quality criterion - Name: Quality / Weighting: 70

Price - Weighting: 30

### **II.2.11) Information about options**

Options: No

### **II.2.13) Information about European Union Funds**

The procurement is related to a project and/or programme financed by European Union funds: No

## **II.2) Description**

### **II.2.1) Title**

Seamless Environmental Prediction

Lot No

5

### **II.2.2) Additional CPV code(s)**

- 73100000 - Research and experimental development services
- 73200000 - Research and development consultancy services

- 73400000 - Research and Development services on security and defence materials

### **II.2.3) Place of performance**

NUTS codes

- UK - United Kingdom

### **II.2.4) Description of the procurement**

Seamless Environmental Prediction Theme Further develop our world-leading seamless environmental prediction capability, whereby a single model family is used in conjunction with observations and theory, to quantify weather hazards in the past, in present day climate and into the future across weather and climate timescales.

### **II.2.5) Award criteria**

Quality criterion - Name: Quality / Weighting: 70

Price - Weighting: 30

### **II.2.11) Information about options**

Options: No

### **II.2.13) Information about European Union Funds**

The procurement is related to a project and/or programme financed by European Union funds: No

## **II.2) Description**

### **II.2.1) Title**

Next Generation Modelling Systems

Lot No

6

### **II.2.2) Additional CPV code(s)**

- 73100000 - Research and experimental development services
- 73200000 - Research and development consultancy services



- 73400000 - Research and Development services on security and defence materials

### **II.2.3) Place of performance**

NUTS codes

- UK - United Kingdom

### **II.2.4) Description of the procurement**

Next Generation Modelling Systems Theme Revolutionise the Met Office's complete weather and climate research and operational simulation systems so that the Met Office and its partners are ready to fully exploit future generations of supercomputer.

### **II.2.5) Award criteria**

Quality criterion - Name: Quality / Weighting: 70

Price - Weighting: 30

### **II.2.11) Information about options**

Options: No

### **II.2.13) Information about European Union Funds**

The procurement is related to a project and/or programme financed by European Union funds: No

## **II.2) Description**

### **II.2.1) Title**

Fusing Simulation with Data Sciences

Lot No

7

### **II.2.2) Additional CPV code(s)**

- 73100000 - Research and experimental development services
- 73200000 - Research and development consultancy services
- 73400000 - Research and Development services on security and defence materials

### **II.2.3) Place of performance**

NUTS codes

- UK - United Kingdom

### **II.2.4) Description of the procurement**

Fusing Simulation with Data Sciences Theme Use new and evolving data science methods such as artificial intelligence and machine learning and advanced data assimilation in order to remain at the cutting edge of weather and climate prediction and impact-based services.

### **II.2.5) Award criteria**

Quality criterion - Name: Quality / Weighting: 70

Price - Weighting: 30

### **II.2.11) Information about options**

Options: No

### **II.2.13) Information about European Union Funds**

The procurement is related to a project and/or programme financed by European Union funds: No

## **II.2) Description**

### **II.2.1) Title**

The Path to High Resolution

Lot No

8

### **II.2.2) Additional CPV code(s)**

- 73100000 - Research and experimental development services
- 73200000 - Research and development consultancy services
- 73400000 - Research and Development services on security and defence materials

### **II.2.3) Place of performance**

NUTS codes

- UK - United Kingdom

### **II.2.4) Description of the procurement**

The Path to High Resolution Theme In order to better predict hazards and extremes, develop the next generation of very high resolution global and regional environmental prediction systems, based on global convection-permitting atmosphere models coupled to eddy-resolving ocean models and eddy-permitting regional atmosphere models coupled to estuary-resolving shelf-seas models.

### **II.2.5) Award criteria**

Quality criterion - Name: Quality / Weighting: 70

Price - Weighting: 30

### **II.2.11) Information about options**

Options: No

### **II.2.13) Information about European Union Funds**

The procurement is related to a project and/or programme financed by European Union funds: No

## **II.2) Description**

### **II.2.1) Title**

Producing and Exploiting Ensembles

Lot No

9

### **II.2.2) Additional CPV code(s)**

- 73100000 - Research and experimental development services
- 73200000 - Research and development consultancy services
- 73400000 - Research and Development services on security and defence materials

### **II.2.3) Place of performance**

NUTS codes

- UK - United Kingdom

### **II.2.4) Description of the procurement**

In order to include forecasts of uncertainty at the heart of our endeavour, develop ensemble based systems and exploit them for prediction across timescales, while developing new and novel uses of ensemble information for improved understanding of weather and climate.

### **II.2.5) Award criteria**

Quality criterion - Name: Quality / Weighting: 70

Price - Weighting: 30

### **II.2.11) Information about options**

Options: No

### **II.2.13) Information about European Union Funds**

The procurement is related to a project and/or programme financed by European Union funds: No

## **II.2) Description**

### **II.2.1) Title**

Capturing Environmental Complexity

Lot No

10

### **II.2.2) Additional CPV code(s)**

- 73100000 - Research and experimental development services
- 73200000 - Research and development consultancy services
- 73400000 - Research and Development services on security and defence materials

### **II.2.3) Place of performance**

NUTS codes

- UK - United Kingdom

### **II.2.4) Description of the procurement**

Capturing Environmental Complexity Theme In order to pioneer new and improved impact based forecast services and advice on global climate change mitigation, extend our environmental prediction capability with a focus on cities, air quality, the water cycle, and carbon and nitrogen cycles.

### **II.2.5) Award criteria**

Quality criterion - Name: Quality / Weighting: 70

Price - Weighting: 30

### **II.2.11) Information about options**

Options: No

### **II.2.13) Information about European Union Funds**

The procurement is related to a project and/or programme financed by European Union funds: No

## **II.2) Description**

### **II.2.1) Title**

Technology Architecture and Innovation

Lot No

11

### **II.2.2) Additional CPV code(s)**

- 73100000 - Research and experimental development services
- 73200000 - Research and development consultancy services
- 73400000 - Research and Development services on security and defence materials

**II.2.3) Place of performance**

NUTS codes

- UK - United Kingdom

**II.2.4) Description of the procurement**

The Met Office is looking to develop a federated cloud data platform for Met Office and partner scientists and experts. This will mean developing appropriate standards for data and cloud service interoperability, enhancing opportunities for collaboration on weather and climate domain protocols, APIs, and architectures; and developing a high level platform service model for weather and climate domain users, such as supercomputing services, data/model cataloguing and discovery, adhoc query engines over massive data sets, cross platform data notification and pipelining from modelling through to data services.

**II.2.5) Award criteria**

Quality criterion - Name: Quality / Weighting: 70

Price - Weighting: 30

**II.2.11) Information about options**

Options: No

**II.2.13) Information about European Union Funds**

The procurement is related to a project and/or programme financed by European Union funds: No

**II.2) Description****II.2.1) Title**

Advancing Observations

Lot No

12

**II.2.2) Additional CPV code(s)**

- 73100000 - Research and experimental development services

- 73200000 - Research and development consultancy services
- 73400000 - Research and Development services on security and defence materials

### **II.2.3) Place of performance**

NUTS codes

- UK - United Kingdom

### **II.2.4) Description of the procurement**

The Met Office is seeking a step change in its observational capability to deliver what is needed in the 2030s through realising the value of third party and opportunistic observations. This will mean enhancing benefits from underpinning reference and baseline observation networks; systemically enabling access to non traditional and third party observational data; identifying opportunities to assess low Technology Readiness Level observational opportunities for viability; and developing methodologies to exploit these data.

### **II.2.5) Award criteria**

Quality criterion - Name: Quality / Weighting: 70

Price - Weighting: 30

### **II.2.11) Information about options**

Options: No

### **II.2.13) Information about European Union Funds**

The procurement is related to a project and/or programme financed by European Union funds: No

## **II.2) Description**

### **II.2.1) Title**

Co-Sponsorship Agreements

Lot No

13

### **II.2.2) Additional CPV code(s)**

- 73100000 - Research and experimental development services
- 73200000 - Research and development consultancy services
- 73400000 - Research and Development services on security and defence materials

### **II.2.3) Place of performance**

NUTS codes

- UK - United Kingdom

### **II.2.4) Description of the procurement**

Co-Sponsorship Agreements may be available for up to 8 Universities (The same Universities who achieve a Joint Chair Services place on Lot 1). These agreements are approximately 10 in number per annum covering various jointly funded key personnel to support delivery of MOAP research projects.

### **II.2.5) Award criteria**

Quality criterion - Name: Quality / Weighting: 70

Price - Weighting: 30

### **II.2.11) Information about options**

Options: No

### **II.2.13) Information about European Union Funds**

The procurement is related to a project and/or programme financed by European Union funds: No



---

## **Section IV. Procedure**

### **IV.1) Description**

#### **IV.1.1) Type of procedure**

Open procedure

#### **IV.1.3) Information about a framework agreement or a dynamic purchasing system**

The procurement involves the establishment of a framework agreement

#### **IV.1.8) Information about the Government Procurement Agreement (GPA)**

The procurement is covered by the Government Procurement Agreement: Yes

### **IV.2) Administrative information**

#### **IV.2.1) Previous publication concerning this procedure**

Notice number: [2022/S 000-010397](#)

---

## **Section V. Award of contract**

### **Contract No**

DN600943 - MOAP Science Delivery Framework

A contract/lot is awarded: Yes

### **V.2) Award of contract**

#### **V.2.1) Date of conclusion of the contract**

30 September 2022

#### **V.2.2) Information about tenders**

Number of tenders received: 12

Number of tenders received from SMEs: 0

Number of tenders received from tenderers from other EU Member States: 0

Number of tenders received from tenderers from non-EU Member States: 0

Number of tenders received by electronic means: 12

The contract has been awarded to a group of economic operators: Yes

#### **V.2.3) Name and address of the contractor**

University of Birmingham

Edgbaston, Birmingham

B15 2TT

Email

[g.c.leckebusch@bham.ac.uk](mailto:g.c.leckebusch@bham.ac.uk)

Country

United Kingdom

NUTS code

- UK - United Kingdom

The contractor is an SME

No

**V.2.3) Name and address of the contractor**

University of Bristol

Beacon House, Queens Road

Bristol

BS8 1QU

Email

[d.m.mitchell@bristol.ac.uk](mailto:d.m.mitchell@bristol.ac.uk)

Country

United Kingdom

NUTS code

- UK - United Kingdom

The contractor is an SME

No

**V.2.3) Name and address of the contractor**

University of Edinburgh

Old College South Bridge , Edinburgh

EH8 9YL

Email

[m.weiland@epcc.ed.ac.uk](mailto:m.weiland@epcc.ed.ac.uk)

Country

United Kingdom

NUTS code

- UK - United Kingdom

The contractor is an SME

No

**V.2.3) Name and address of the contractor**

University of Exeter

Northcote House, the Queen's Drive, Exeter, Devon

EX4 4QJ

Email

[M.Collins@exeter.ac.uk](mailto:M.Collins@exeter.ac.uk)

Country

United Kingdom

NUTS code

- UK - United Kingdom

The contractor is an SME

No

**V.2.3) Name and address of the contractor**

University of Leeds

Woodhouse Lane, Leeds

LS2 9JT

Email

[J.Marsham@leeds.ac.uk](mailto:J.Marsham@leeds.ac.uk)

Country

United Kingdom

NUTS code

- UK - United Kingdom

The contractor is an SME

No

**V.2.3) Name and address of the contractor**

University of Oxford

University Offices, Wellington Square, Oxford

OX1 2JD

Email

[tim.woollings@physics.ox.ac.uk](mailto:tim.woollings@physics.ox.ac.uk)

Country

United Kingdom

NUTS code

- UK - United Kingdom

The contractor is an SME

No

**V.2.3) Name and address of the contractor**

University of Reading

Whiteknights PO Box 217 Reading Berkshire

RG6 6AH

Email

[c.s.grimmond@reading.ac.uk](mailto:c.s.grimmond@reading.ac.uk)

Country

United Kingdom

NUTS code

- UK - United Kingdom

The contractor is an SME

No

**V.2.3) Name and address of the contractor**

University College London

Gower Street, London

WC1E 6BT

Email

[s.guillas@ucl.ac.uk](mailto:s.guillas@ucl.ac.uk)

Country

United Kingdom

NUTS code

- UK - United Kingdom

The contractor is an SME

No

**V.2.4) Information on value of contract/lot (excluding VAT)**

Total value of the contract/lot: £8,000,000

---

## **Section VI. Complementary information**

### **VI.4) Procedures for review**

#### **VI.4.1) Review body**

Legal Services

Met Office Fitzerooy Road Exeter

EX1 3PB

Country

United Kingdom

#### **VI.4.2) Body responsible for mediation procedures**

Met Office - Legal Services

Fitzerooy Road Exeter

EX1 3PB

Country

United Kingdom

#### **VI.4.3) Review procedure**

Precise information on deadline(s) for review procedures

Review procedures advise provided by the Met Office Legal Team

#### **VI.4.4) Service from which information about the review procedure may be obtained**

Met Office - Legal Services

Fitzerooy Road Exeter

EX1 3PB

Country

United Kingdom

