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Contract

Met Office Academic Partnership Science Framework

Met Office

F03: Contract award notice

Notice identifier: 2022/S 000-028822

Procurement identifier (OCID): ocds-h6vhtk-032581

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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

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

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

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

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

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

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

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

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.quillas@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 Fitzroy Road Exeter

EX1 3PB

Country

United Kingdom

VI.4.2) Body responsible for mediation procedures

Met Office - Legal Services

Fitzeroy 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

Fitzeroy Road Exeter

EX1 3PB

Country

United Kingdom