

This notice in TED website: <https://ted.europa.eu/udl?uri=TED:NOTICE:159270-2022:TEXT:EN:HTML>

**Germany-Bonn: Research and development services and related consultancy services
2022/S 060-159270**

Contract notice

Services

Legal Basis:

Directive 2014/24/EU

Section I: Contracting authority

I.1) Name and addresses

Official name: European Centre for Medium-Range Weather Forecasts (ECMWF)

Postal address: Robert-Schuman-Platz 3

Town: Bonn

NUTS code: DEA22 Bonn, Kreisfreie Stadt

Postal code: 53175

Country: Germany

Contact person: Procurement at ECMWF

E-mail: procurement@ecmwf.int

Internet address(es):

Main address: <https://www.ecmwf.int/>

Address of the buyer profile: <http://procurement.ecmwf.int/>

I.3) Communication

The procurement documents are available for unrestricted and full direct access, free of charge, at: <http://procurement.ecmwf.int/>

Additional information can be obtained from the abovementioned address

Tenders or requests to participate must be submitted electronically via: <http://procurement.ecmwf.int/>

Electronic communication requires the use of tools and devices that are not generally available. Unrestricted and full direct access to these tools and devices is possible, free of charge, at: <http://procurement.ecmwf.int/>

I.4) Type of the contracting authority

European institution/agency or international organisation

I.5) Main activity

Other activity: Meteorological Services

Section II: Object

II.1) Scope of the procurement

II.1.1) Title:

DE_340 Climate Adaptation Digital Twin

Reference number: DE_340

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:

ECMWF, as the Entrusted Entity for the Destination Earth Programme (DestinE), invites tenders for the provision of the Climate change adaptation Digital Twin. ECMWF intends to award a single contract for a maximum duration of 22 months, expected to commence by mid-July 2022, and with an end date not later than 30 April 2024.

II.1.5) **Estimated total value**

Value excluding VAT: 14 000 000.00 EUR

II.1.6) **Information about lots**

This contract is divided into lots: no

II.2) **Description**

II.2.3) **Place of performance**

NUTS code: DE Deutschland

Main site or place of performance:

On contractor's premises.

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

DestinE will deploy several high resolution thematic digital replicas of the Earth system to monitor and simulate natural and human activities as well as their interactions, to develop and test scenarios that would enable more sustainable developments and support European policy making. DestinE is intended to unlock the potential of observations and both physics-based and data-driven models for achieving a break-through in the realism of the simulation of Earth-system components.

This Invitation to Tender covers the provision of the Climate change adaptation Digital Twin, delivering multi-decadal Earth-system simulations, informed by observations, at a qualitatively new level of scientific discovery, also providing uncertainty quantification and the demonstration of co-design with selected use-cases of societal adaptation to climate change.

Tenderers should submit proposals that demonstrate their ability to deliver high-quality, production-type capabilities with a strong foundation in advanced science, impact science, research and digital technology development. The proposals will be evaluated on their scientific and technology innovation, impact-sector (e.g. energy, water, food, health) use-case relevance and progress over existing capabilities, and documented expertise and ability to fulfil production-type requirements for providing support for an effective climate adaptation policy framework.

II.2.5) **Award criteria**

Criteria below

Quality criterion - Name: Technical Solution Proposed / Weighting: 30

Quality criterion - Name: Management and Implementation / Weighting: 20

Quality criterion - Name: Track Record / Weighting: 15

Quality criterion - Name: Quality of Resources to be Deployed / Weighting: 15

Quality criterion - Name: Legal and Financial / Weighting: 5

Price - Weighting: 15

II.2.6) **Estimated value**

Value excluding VAT: 14 000 000.00 EUR

II.2.7) **Duration of the contract, framework agreement or dynamic purchasing system**

Duration in months: 22

This contract is subject to renewal: no

II.2.10) **Information about variants**

Variants will be accepted: no

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: yes

Identification of the project:

Destination Earth Programme - <https://digital-strategy.ec.europa.eu/en/policies/destination-earth>

II.2.14) **Additional information**

Section III: Legal, economic, financial and technical information

III.1) **Conditions for participation**

III.1.2) **Economic and financial standing**

Selection criteria as stated in the procurement documents

III.1.3) **Technical and professional ability**

Selection criteria as stated in the procurement documents

III.2) **Conditions related to the contract**

III.2.3) **Information about staff responsible for the performance of the contract**

Obligation to indicate the names and professional qualifications of the staff assigned to performing the contract

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**

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

The procurement is covered by the Government Procurement Agreement: no

IV.2) **Administrative information**

IV.2.2) **Time limit for receipt of tenders or requests to participate**

Date: 29/04/2022

Local time: 15:00

IV.2.3) **Estimated date of dispatch of invitations to tender or to participate to selected candidates**

IV.2.4) **Languages in which tenders or requests to participate may be submitted:**

English

IV.2.6) **Minimum time frame during which the tenderer must maintain the tender**

Duration in months: 9 (from the date stated for receipt of tender)

IV.2.7) **Conditions for opening of tenders**

Date: 29/04/2022

Local time: 15:00

Place:

ECMWF's eProcurement Portal

Information about authorised persons and opening procedure:

Not applicable

Section VI: Complementary information

VI.1) **Information about recurrence**

This is a recurrent procurement: no

VI.3) **Additional information:**

Procedure to be applied:

The procurement for the contract will be conducted in accordance with ECMWF's procedures as set out in Invitation to Tender documents, which will be available on ECMWF's eProcurement Portal (<http://procurement.ecmwf.int/>) and no other procedures will apply. In submitting this notice ECMWF does not waive the privileges and immunities granted to it by virtue of its status as an intergovernmental organisation or submit itself to any jurisdiction. Tenders must be submitted using ECMWF's eProcurement Portal. Hard copy (paper) submissions will not be accepted.

Due to the need to include performance and compliance obligations in the contract, ECMWF will contract only with a single legal person or entity which is competent to undertake and commit to these obligations. ECMWF recognises that some bids will involve a number of organisations which may wish to work together to deliver the contract requirements. In such cases, these organisations must identify a lead contractor who will sign the contract with ECMWF and who will be responsible for putting in place legal arrangements to ensure that it can guarantee that all other organisations will also meet the contract obligations. ECMWF will not enter into multiple contracts with individual members of consortia or groups of service providers.

Eligibility: Refer to Section 3.2 of Volume I of the ITT documents.

VI.4) **Procedures for review**

VI.4.1) **Review body**

Official name: European Centre for Medium-Range Weather Forecasts

Postal address: Shinfield Park

Town: Reading

Postal code: RG2 9AX

Country: United Kingdom

Internet address: <https://www.ecmwf.int/en/about/suppliers>

VI.4.3) **Review procedure**

Precise information on deadline(s) for review procedures:

See instructions on ECMWF's Suppliers web page: <https://www.ecmwf.int/en/about/suppliers>

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

Official name: European Centre for Medium-Range Weather Forecasts

Postal address: Shinfield Park

Town: Reading

Postal code: RG2 9AX

Country: United Kingdom

Internet address: <https://www.ecmwf.int/en/about/suppliers>

VI.5) **Date of dispatch of this notice:**

22/03/2022