

INVITATION TO TENDER

ECMWF/ITT/2023/360

PROVISION OF ELECTRICITY
FOR
ECMWF DATA CENTRE IN BOLOGNA, ITALY

Volume II:

Specification of requirements

27 October 2023

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1 Scope of requirements

1.1 Scope of this ITT

This Invitation to Tender (ITT) has been prepared by the ECMWF, for the purposes of obtaining proposals from Tenderers for the provision of **Green Energy to ECMWF's Data Centre facility in Bologna, Italy.**

The purpose of this Invitation to Tender (ITT) is for ECMWF to enter into a contract for the supply of Green Energy to support the whole ECMWF's facility at the Tecnopolo, Via Stalingrado 84/3, Bologna, Italy from 1 January 2024 onwards.

The scope of this ITT will include:

- 12-month supply of Green Energy at ECMWF's facility at Tecnopolo di Bologna (*via options of variable price, portfolio management and fixed price*)
- Provision of customer support services;
- Provision of monthly invoicing and reporting related to Green Energy consumption and any additional cost components

ECMWF initially aims to sign a 12 months contract, however may reconsider a longer contract duration depending on the advantages presented in the offers and during negotiations.

1.2 ECMWF's Data Centre

ECMWF's data centre is located in Bologna, on the site of the Tecnopolo di Bologna in via Stalingrado 84/3.

ECMWF's data centre run on 24 hours a day, 7 days a week, 365 days a year (24x7x365) basis. An operations team is responsible for the monitoring of the infrastructure and the forecast delivery service.

The data centre is powered by a 10 MW line at 15 kV. The expected monthly consumption is around 5.000 MWh.

2 Language for responses

All Tender documentation shall be written in English unless specifically allowed otherwise.

3 Award Criteria

Contract will be awarded on the following criteria:

Evaluation/Award criterion	Weight
Track record, and capacity to provide to ECMWF the green energy and associated services as specified in the ITT requirements	20%
Price and commercial arrangements	80%

4 Requirements

4.1 Company and contact details

Please complete relevant section of Response template in Volume III to give details of your company, stating its full registered address and company registration number. ECMWF may check the financial status of the company.

Please supply details of the person at your organisation who can be contacted by ECMWF in relation to your proposal. Please give their name, title, address and location, telephone number and e-mail address.

4.2 Track record, customers and references

Tenderers are requested to complete relevant section of Response template in Volume III to describe in brief terms the company's history and recent provision of the services requested in this ITT including a list of two customers to whom similar services to those requested in this ITT have been provided. ECMWF reserves the right to seek references from one or all of these customers before awarding of a contract.

This section preferably should be completed as a part of the initial documentation, but are not mandatory for acceptance of a response. However, tenderers should note that this information will be sought during the negotiations with the preferred bidder(s) and will be subject to validation before award of a contract.

4.3 Response to the specification of requirements

Please complete relevant section of Response template in Volume III responding to the questions and providing the information and documents requested.

These include contractual, legal, payment, support and commercial aspects.

4.3.1 Terms and conditions of contract

Tenderers are invited to submit their proposed Terms and Conditions of Contract for consideration by ECMWF. Tenderers should provide the Terms and Conditions they propose as an attachment to their response.

Tenderers should note that as a result of ECMWF's immunity from jurisdiction, any contract resulting from this ITT must contain the following arbitration clause or a variation thereof which is offered by ECMWF to all contracting parties:

"The parties shall attempt to settle any dispute between them in an amicable manner. If the dispute cannot be so settled, it shall be finally settled under the Rules of Arbitration of the International Chamber of Commerce by three arbitrators appointed in accordance with the said rules; sitting in [Bologna OR Milan], Italy. The proceedings shall be in the English language. The right of appeal by either party to courts on a question of law arising in the course of any arbitral proceedings or out of an award made in any arbitral proceedings is hereby agreed to be excluded.

Nothing in this agreement is meant to be construed as a waiver of any of the privileges and immunities conferred upon ECMWF by virtue of its Convention and Protocol."

Tenderers are required to confirm their agreement to this clause in their response to the relevant question in Volume III Response template.

Please also note that ECMWF is exempt from VAT.

Further information may be found at <https://www.ecmwf.int/en/about/suppliers> in documents for Arbitration and VAT under ECMWF's status.

4.3.2 Commercial arrangements

Response template in Volume III contains a section for the tenderers to complete for providing their prices and describing their commercial approach.

ECMWF initially aims to sign a 12 months contract, however may reconsider a longer contract duration depending on the advantages presented in the offers and during negotiations. All prices should be fixed minimum for 12 months. Tenderers are requested to specify prices also for 24 and 36 months.

Volume III template contains three options tenderers are requested to provide prices and commercial offers for:

- Variable price:
 - The prices in the offer should be specified separately for the SPREAD and for GREEN ENERGY COSTS (guarantee of origin (GO) certificates) based on variable hourly PUN, in €/kWh
 - All prices should exclude ARERA and TERNA charges
 - ECMWF may choose to agree on a SPREAD only price and purchase GOs during the year via a portfolio management approach. Tenderers are requested to describe mechanism.
 - ECMWF would also like to include in the contract an option to fix the price of energy. Tenderers are to confirm their acceptance of this approach in Volume III and specify any details including mechanism.

- Portfolio management:
 - The prices in the offer should be specified for the SPREAD only based on hourly PUN, in €/kWh
 - Green energy certificates will be purchased during the contract with portfolio management approach under this option.
 - The spread can be negotiated during the contract implementation in the framework of the portfolio management.
 - All prices should exclude ARERA and TERNA charges.
 - Tenderers are requested to specify their methodology for portfolio management.

- Fixed price for €/kWh (optional)
 - The prices should be in Euro (€) for kWh (inclusive of energy, spread and green energy costs)
 - The price should exclude ARERA and TERNA charges.
 - Tenderers to specify the validity of their offer for this fixed price.