

## REQUEST FOR EXPRESSION OF INTEREST

Consulting services for Met Ocean and Wind Measurement Studies for a wind site in Turkey

**Publication date:** June 2 2023

**Submission date:** July 3 2023

**Country:** Turkey

The Consulting Services (“the Services”) include the conduction of meteorological and oceanographic analysis and measurements at specific offshore sites to be selected by MENR.

### Scope of Work

The consulting services include:

- Analysis, measurement and survey activities informed through the application of meteorological and oceanographic measurement systems,
- Acquirement of high-quality and reliable meteorological and oceanographic data,
- Preparation of meteorological and oceanographic measurement system application and data analysis reports,
- Preparation of geological, geophysical and geotechnical seabed survey reports and assessment of all survey outputs, and other relevant activities. (Geological, geophysical and geotechnical measurements will be carried out under a separate contract while the data obtained from the relevant measurements will be assessed under this assignment.)
- Oceanographic report including wave model analysis, wind resource assessment, recommendations on offshore wind turbine location/size/type and type of foundations according to wind resource assessment and sea-bed survey studies,
- Economic and financial pre-feasibility report (bankability assessment, risk allocation, cash flow/investment return/LCOE/CAPEX/OPEX calculations, ports availability and supply chain issues) and recommendations on financial mechanisms to ensure private sector participation, high-level grid connectivity assessment, review of the relevant existing legislation to enable offshore wind development, auction/tender/competition preliminary design and other relevant studies.
- Organization of on-the-job trainings for MENR staff for all analyses and desk studies to ensure transfer of knowhow along with development of site-specific in-house capacity for further revisions.

**Eligibility Requirement:**

- The Consultants should be in the consulting business for not less than the last 5 years prior to deadline for submission of interests;
- The Consultants should have specific experience within the last 3 years prior to deadline for submission of interests in each of:
  - Experience in conducting meteorological and oceanographic measurements and assessment of the relevant data
  - Experience in preparing geological, geophysical and geotechnical seabed survey reports
  - Experience in marine biodiversity
  - Experience in development of offshore wind projects
  - Experience in preparing economic and financial pre-feasibility reports for offshore wind development at specific sites
  - Experience in grid connectivity assessment
  - Experience in reviewing existing legislation for offshore wind development and developing guidelines, templates for auction design
  - Experience in organizing trainings relating to offshore wind development
- The Consultants should demonstrate availability of and/or access to the key experts for the performance of the services described in the TOR (e.g., by providing a list of key experts they are working with)
- The Consultants should demonstrate sound administrative and financial capacity.

For more information please contact:

Ministry of Energy and Natural Resources General Directorate of Foreign Relations Foreign Investment Coordination Department (Project Implementation Unit)

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