

## REQUEST FOR EXPRESSION OF INTEREST

### Consultancy Services Required for Technical and Environmental Study for Wind Power Development

**Publication date:** 24<sup>th</sup> Aug 2021

**Submission date:** 31<sup>st</sup> Aug 2021

**Country:** Mongolia

**Duration:** 4 months

#### Objective

The Consultant is required to identify the “long list” of potential sites for Wind power development, visit these sites and work with the World Bank Group (WBG) and Government of Mongolia (GoM) to prioritize the sites based on an integrated technical and E&S screening that considers technical criteria (e.g. grid integration, geotechnical conditions, logistical considerations and wind conditions), E&S criteria (high-level risk screening of the sites, focusing on social and biodiversity aspects) and financial criteria (e.g. likely cost of generation). The objective is to identify a shortlist of sites for full project preparation activities that have the highest technical potential but least E&S risk.

#### Scope of Work

The Scope of Work is designed to integrate technical and E&S aspects. As such, the Consultant will require an integrated team to ensure that both workstreams are based on shared information and an approach that adequately addresses both technical and E&S risks.

The work is split into the following four Tasks:

- Task 1: Kick-Off Meeting and screening methodology
- Task 2: Desktop Screening and Identification of Long List
- Task 3: Site Visits and Ranking
- Task 4: Workshop and Final Reporting

#### Sites:

The Government is considering three sites for wind IPP development:

1. Mandalgobi, near to 220/110/35kV substation (20km). 247km away from Ulaanbaatar; 4-5 hours by car. Flights are not available.
2. Choir, near to 220/110/35kV substation (22km). 226km away from Ulaanbaatar. 3-4 hours by car. Flights are not available.
3. Darkhan, near to 220/110/35kV substation (18km). 228km away from Ulaanbaatar. 3-4 hours by car. Flights are not available.

### Qualifications Required for Technical Task Areas

1. The interested consulting firms should have *at least 10 years of experience* in wind project site development [*covering more than 1 GW of projects*].
2. The firm should include a variety of experts covering the different skill sets required for this assignment, including strong technical and financial modeling skills of wind IPP projects.
3. The Consultant shall provide a description of the team, including names of the individuals proposed for the Project, their credentials and relevant experience. The Consultant shall provide individuals with extensive experience in similar type projects. Past experience in the country/region will be a plus. Note that firms will not be able to substitute personnel working on the Project except with the expressed consent of the Sponsor and Lenders. A clear description of the role, level of effort and work location for each proposed individual shall be provided.

### Qualifications for E&S Task Areas

Specialized resources required include the following:

- An international ornithologist with at least 10 years professional experience on wind power projects and working experience with migratory soaring birds of Mongolia. The ornithologist must have experience not only conducting ESIA's and baseline surveys, but also working directly with developers on operational wind power projects.
- A local ornithologist that has a good working relationship with national conservation organizations and who possesses extensive experience in conducting avian surveys in Mongolia for soaring birds at risk to wind farm development.
- A local bat specialist with familiarity and working knowledge of the bat communities in either Mongolia or the wider Central Asia region.
- A resettlement specialist with experience with wind energy projects and at least 10-years professional experience with IFC's Performance Standard 5 in Central Asia with excellent communication skills.
- A social specialist from Mongolia with experience in stakeholder engagement and consultation and knowledge of local cultures and traditions that could accompany and provide guidance to the resettlement specialist, as well as written and oral translation skills.
- A GIS specialist with 5 years of professional experience acquiring publicly available spatial data to map E&S risks.
- An E&S Project Manager with at least 10 years professional experience on private sector projects, implementing IFC's Performance Standards that is practical minded with excellent writing abilities.

For more information please visit: <https://wbgeconsult2.worldbank.org/wbgec/index.html>