

REQUEST FOR EXPRESSION OF INTEREST

Consultancy services BESS and Solar project in Gambia

Publication date: May 5, 2024

Submission date: May 15, 2024

Country: Rwanda

Duration: 6 Months

Scope of Work

Consultant required to identify suitable sites for a minimum 20MW size solar plant, a shortlist of at least five potential sites needs to be compiled. The categorization of sites involves assessing land use, availability, settlement presence, size in terms of land area and generation capacity, estimated power generation and capacity factor, site accessibility, and development costs, including grid upgrades and the possibility of integrating Battery Energy Storage Systems (BESS) for load smoothing. Following this, discussions with local authorities and workshops should be organized to engage stakeholders.

Site visits are essential to identify any limiting factors for development, encompassing environmental, social, and geotechnical considerations. Detailed mapping, schematic diagrams, and high-resolution photographs of each site and its surroundings are necessary for comprehensive evaluation.

The execution schedule is 6 months.

Eligibility Requirement:

The team should encompass various roles, each with specific qualifications. This includes a seasoned team lead with over 15 years of experience in planning solar PV projects, particularly adept at dispatch diagnosis and planning within intricate and fragile grids, with extensive familiarity in Sub-Saharan Africa, particularly valued experience in Eastern African nations such as Rwanda. Additionally, the team requires a dispatch/grid/PSSE expert with over 10 years of experience, a GIS specialist with 10 years of relevant expertise, and one social and one environmental expert, possessing a minimum of 8 years of experience in land selection in Rwanda and offering proficiency in providing Environmental and Social assessments for Renewable Energy projects. Moreover, the team must include a BESS expert with prior involvement in solar hybrid projects.