

Draft Standard Specification for Community Energy Feasibility Studies

A consultant is sought to produce an initial feasibility study for a **XX project Located in**. The scope of the work is to include, but not be limited to the following work packages. The output of the work will be a report including illustrations and tables where relevant. Documents and other reports referenced will be appended to the main report. The consultant will report to the project manager appointed by the community group through regular meetings at fortnightly intervals as a minimum.

Work Package 1 – Contextual & Stakeholder

Literature review of similar **{insert technology}** community based schemes in the UK. It is anticipated that a short summary section of the report will be dedicated to case studies of similar schemes. Delivery of this work package will include stakeholder engagement and public body engagement through at least 3 engagement meetings (one at the beginning to launch the study, one at mid point and one at the end to deliver the findings as a minimum).

Work Package 2 – Technical

Basic **{insert technology}** technical feasibility assessment. A table of suitable equipment necessary to realise generation and an estimate of capacity, size and annual generation would be expected as part of the delivery of this work package. Details of key considerations when installing this equipment will also be summarised in the report along with initial costings. The report will have a non technical, single page, high level summary that will be suitable for sharing with other community groups.

Work package 3 – Planning & Permissions

To deliver this work package the consultant will produce a Landowner agreement (Heads of Terms), provide a summary of project specific planning issues, a table of licenses and consents and details of any other permissions required. This would include but not be limited to, Electrical grid connection water abstraction licenses and liaison with the local authority planning department. An indication of the costs associated with gaining the various permissions will be included in the work.

Work Package 4 - Legal & Commercial

Produce a ranked table of the various income streams or grants that would be available to the project when in development / built out. This will include but not be limited to such areas as energy supply contracts, power purchase agreements and electrical grid services. A short options appraisal covering the potential legal requirements of the potential energy scheme will form part of this work package. To support commercialisation an outline business case including life time costs and net present value will be included. A figure for the levelised cost of energy produced by the project will be expected.

Work Package 5 – Governance Summarise and evaluate the various governance structures to build, operate and maintain the community energy facility. A brief appraisal covering the various governance options with clear recommendations as to which best matches the needs of a community energy group will be expected. An indication of the costs associated with producing documentation will form part of this work.