



VENTNOR TOWN COUNCIL

RURAL COMMUNITY ENERGY FUND (RCEF) FEASIBILITY STUDY

Ventnor is a vibrant historic Victorian seaside town and our many summer visitors enjoy our beach, promenade and haven. However, we regularly suffer from deep drifts of seaweed in the haven and along the shore, which create an unpleasant smell as they rot. This odour is so powerful as to deter visitors, and thus genuinely presents a threat to the economic viability of our tourist trade. The current methodologies employed to clear the seaweed are a significant burden on the public purse, and as the weed ends up in landfill they are not sustainable.

The Town Council is applying for a DEFRA/BEIS grant to investigate the feasibility of clearing the haven and beach of seaweed and using the seaweed sustainably.

This project aims to clear the seaweed from the beach and put it into a new or expanded island based Anaerobic Digester to generate a variety of valuable outputs: bio gas, electricity, carbon dioxide and fertiliser. These outputs can be used by local actors (eg gas for local buses and heavy fleets such as waste collection), turning a nuisance into a benefit for the community and making the Island more sustainable, and reducing public sector spend on beach clearing.

We are inviting tenders from suitably qualified consultants to complete a feasibility study into this idea and complete a final report to BEIS/DEFRA in the attached format.

Note - VTC will only be able to proceed to contract if our grant application is successful, and so there is no guarantee that the project will go ahead at this stage.

Closing date: 30th April

Anticipated project start date 1 July 20

Anticipated final report date 31 Oct 20

Tender format:

Tenders should explain the tenderer's:

- Understanding of renewable/clean energy technology including AD, CHP and biofuel
- Understanding of logistics processes
- Appreciation of the community, economic and political landscape of the Isle of Wight
- Track record of working with multidisciplinary teams
- Project management experience
- Project delivery plan
- Fixed price to deliver the feasibility study inclusive of all expenses and disbursements

Marking scheme:

- Understanding of renewable/clean energy technology including AD, CHP and biofuel 30%
 - Understanding of logistics processes 10%
 - Appreciation of the community, economic and political landscape of the Isle of Wight 20%
 - Track record of working with multidisciplinary teams 5%
 - Project management experience 5%
 - Value for money - 30%
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