

Market orientation 'Morphodynamical Assessment of the Hollandse Kust (zuid) Wind Farm Zone' for The Netherlands Enterprise Agency

The Netherlands Enterprise Agency (in Dutch: Rijksdienst voor Ondernemend Nederland, RVO.nl) encourages entrepreneurs in sustainable, agrarian, innovative and international business. It helps with grants, finding business partners, know-how and compliance with laws and regulations.

The Netherlands Enterprise Agency is part of the Ministry of Economic Affairs.

Background

The Dutch Ministry of Economic Affairs and the Ministry of Infrastructure and Environment have prepared the legislative framework for the development of offshore wind farms in the Netherlands. Within this framework a (concession) tender for subsidy for construction and operation of an offshore wind farm will be organized under the SDE+ regulation, an operating grant which encourages the production of renewable energy in the Netherlands.

The Netherlands Enterprise Agency (Rijksdienst voor Ondernemend Nederland, RVO.nl) has been requested to prepare and collect all site data required for commercial developers to prepare a competitive subsidy bid. As part of the future concession tender document(s), the participants will receive information packages in which detailed information on the offshore site is included. Detailed information on the morphodynamical conditions at the site will be part of this information package. The Hollandse Kust (zuid) Wind Farm Zone will be the second Wind Farm Zone for which (a) concession tender(s) will be organized.

Purpose of this notification

The purpose of this notification is to determine which subcontractors are willing and able to carry out a morphodynamical assessment of the Hollandse Kust (zuid) Wind Farm Zone.

Extent and duration

The study will start in September or October 2016 and must be finished by the end of December 2016.

Description of the assignment

Purpose:

Improve the geomorphological understanding of the Hollandse Kust (zuid) wind farm zone.

Main objectives

1. Characterize the seabed features at the Hollandse Kust (zuid) wind farm zone;
2. Assess the morphodynamics at the Hollandse Kust (zuid) wind farm zone;
3. Predict the change in seabed levels at the Hollandse Kust (zuid) wind farm zone over the lifetime of a wind farm to support the design, installation and maintenance of wind turbines, inter array cables, substations and their support structures

Deliverables

A descriptive report, in English and a summary in Dutch describing at least:

- a. Description of the site, the available data sets and available literature
- b. Description of the applied methodology, analyses and definitions

- c. Characterization of the seabed morphology at the site, including plots of the Hollandse Kust (zuid) wind farm zone showing specific morphological features.
- d. Results of the morphodynamic analyses
- e. Description of the resulting reference levels
- f. Conclusions of the assessment and recommendations

Minimum/suitability requirements

1. Supplier should have experience with similar studies carried out for offshore wind farms (at least 5 similar projects);
2. Supplier should be familiar with specific Dutch bathymetrical data;
3. Supplier should be able to provide a morphodynamic expert with at least 5 years of experience to supervise the project.

Application

Interested consultancy firms, fitting the above mentioned requirements, are invited to respond to the Netherlands Enterprise Agency, to the attention of Liesbeth de Man of the Procurement Office by submitting a message through TenderNed or by e-mail iucezteam1@rvo.nl. Please state the name of the contact person of your company and his or her e-mail address.

You do not have to send documents; only a response if you are interested.

The deadline for responding to this Notification is set at Thursday July 28, 2016 hrs P.M. CEST. Companies who have responded in time will receive a Request for Proposal.