

April 2015

**General description of the evaluation  
model for tenders received for the lease  
of test stands for prototype wind  
turbines at the Høvsøre Test Centre**

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## **1. INTRODUCTION**

This document contains a general description of the evaluation model that will be used by the Technical University of Denmark, represented by DTU Wind Energy, ("DTU") for evaluating tenders received in connection with DTU's invitation of tenders for the lease of test stands for prototype wind turbines at the Høvsøre Test Centre.

The basis for the tender is described in detail in "INFORMATION TO TENDERERS" - Material and individual tender conditions for the lease of test stands for prototype wind turbines at the Høvsøre Test Centre.

The above-mentioned information material also describes the award criteria for award of the leases and the detailed basis and conditions for submitting tenders, etc. The description in this Appendix is consequently to be read together with the other applicable tender specifications, including specifications regarding limitation of the number of test stands that may be awarded to one tenderer etc.

This Appendix contains a general description of the evaluation model that will be used for the tenders for test stands at the Høvsøre Test Centre. Consequently, this Appendix does not contain an exhaustive and detailed explanation of how the evaluation of tenders and the procedure regarding award of a lease for a test stand will be carried out in concrete terms.

## **2. THE AWARD CRITERIA**

### **2.1 General information about the award criteria and their weighting**

The leases will be awarded based on DTU's evaluation of the tenders received taking the following criteria into account with the weights stated below:

<b>AWARD CRITERIA</b>	<b>WEIGHT</b>
Payment of Annual Rent	60%
The Proposed Research Project	40%
Total	100%

*Award criteria*

## **2.2 Evaluation based on the award criterion *Payment of Annual Rent***

For the award criterion *Payment of Annual Rent* each tenderer will have submitted a price for the annual rent (the tender price).

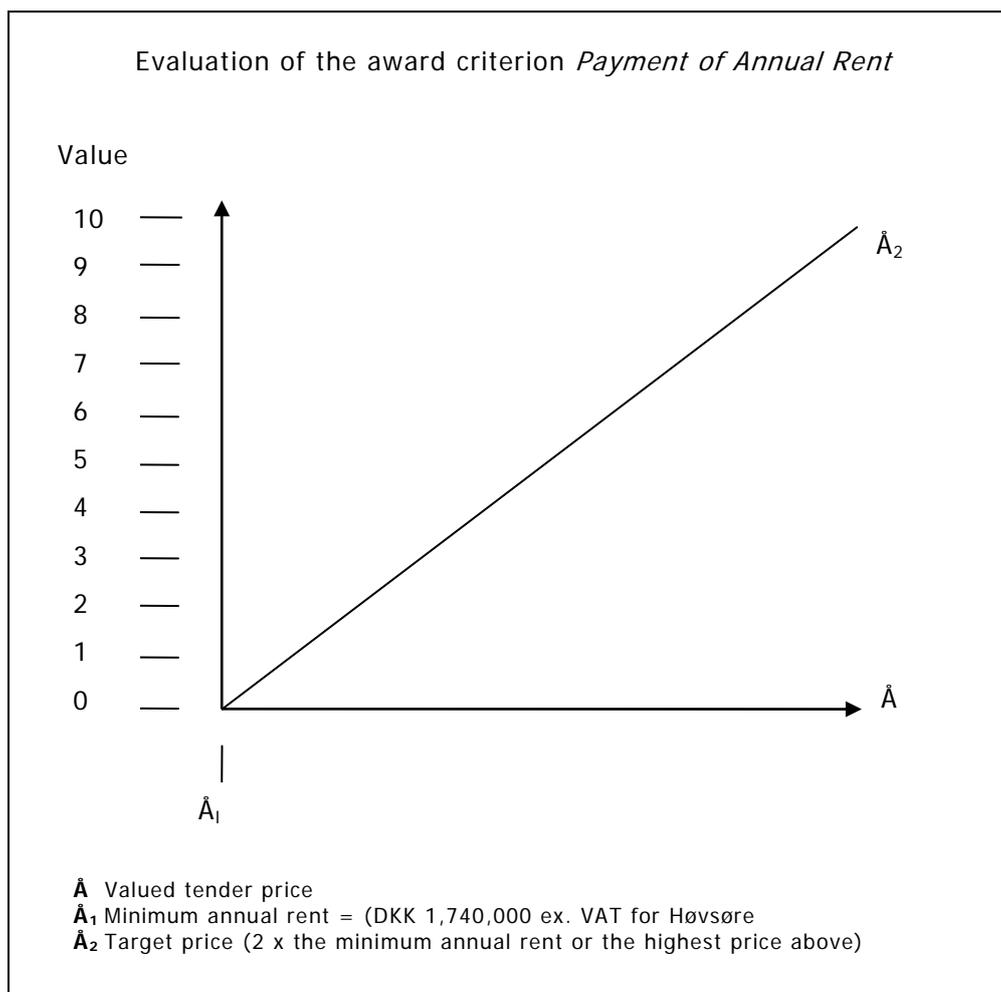
This annual rent must be higher than a minimum annual rent of DKK 1,740,000.00 ex. VAT for the Høvsøre Test Centre. A tender price for the annual rent of less than these minimum amounts will render the tender non-compliant.

The tenderers compete and are evaluated on the size of the additional rent per test stand per year.

Based on the tender price of the individual tenders, the value of the tender,  $V_{\text{annual rent}}$ , in relation to the award criterion *Payment of Annual Rent* is calculated according to the procedure described below.

1. For a tender price of 2 x the minimum annual rent, or the highest price above that amount,  $V_{\text{annual rent}}$  will be valued at ten (10.00).
2. For a tender price identical with the minimum annual rent,  $V_{\text{annual rent}}$  is valued at zero (0.00).
3. For a tender price not valued at either zero (0.00) or ten (10.00),  $V_{\text{annual rent}}$  is calculated by linear interpolation to a value between zero (0.00) and ten (10.00).

This can be illustrated by the following graph:



When a value has been assigned to each tender, the tenders received will be weighted based on the award criterion *Payment of Annual Rent*, which has a weight of 60%. This weighted value is an intermediate evaluation value which together with the weighted value for the award criterion *the Proposed Research Project* is included in the evaluation total, see section 2.4 below.

### **2.3 Evaluation based on the award criterion *the Proposed Research Project***

*The Proposed Research Project* means a concrete research project and the test programme for the wind turbine to be tested.

For the award criterion *the Proposed Research Project* DTU assigns a value to the tender which reflects its qualities in relation to the three sub-criteria based on the evaluation carried out.

- a) Concrete requirements and purpose of the tests at the test stand*
- b) Innovation and research utility of the proposed research project*
- c) General societal interest and utility of the proposed research project*

The value will be assigned to each sub-criterion as a score in points. Points between one (1) and ten (10) are awarded at 0.5 intervals, meaning e.g. 1.5 or 5.5 and so on.

The value is based on an evaluation of the quality of the tender submitted in relation to the general descriptions stated in the valuation scale below:

VALUE	ASSESSMENT
10-9	Is assigned to a research project that is well worked out and has substance with regard to all the components assessed in the sub-criterion in question, including prioritisation of the components identified by DTU as desirable, and which in relation to all components demonstrates specific research efforts.
8-7	Is assigned to a research project that is well worked out and has substance with regard to most of the components assessed in the sub-criterion in question, including prioritisation of the components identified by DTU as desirable, and which in relation to several of these components demonstrates specific research efforts.
6-5	Is assigned to a research project that is well worked out with regard to several of the components assessed in the sub-criterion in question, but is lacking in substance with regard to the components identified by DTU as desirable.
4-3	Is assigned to a research project that concerns the components assessed in the sub-criterion in question, including the components identified by DTU as desirable, but which is not particularly detailed, or which does not demonstrate specific research efforts in relation to the sub-criterion described.
2	Is assigned to a research project without any special substance with regard to the components assessed and to which weight is attached in the sub-criterion in question, including the components identified by DTU as desirable.
1	Is assigned to a research project which exactly fulfils the minimum requirements for the research project as stated in the tender specifications, which is not non-compliant and which has minimum substance in relation to the sub-criterion in question.

*Value scale*

When a value has been assigned to each tender for each of the three sub-criteria of the award criterion *the Proposed Research Project*, the tenders received will be weighted in relation to the award criterion *the Proposed Research Project*, which has a weight of 40 per cent, based on the average value of the three sub-criteria. This weighted value is an intermediate evaluation value which together with the weighted value for the award criterion *Payment of Annual Rent* is included in the evaluation total, see section 2.4 below.

#### **2.4 Overall evaluation of the tenders submitted**

When the evaluation, valuation and weighting have been performed for the award criteria, including the sub-criteria, with a weight factor of 60 per cent for *Payment of Annual Rent* and 40 per cent for *the Proposed Research Project*, DTU will be able to identify the best tender for the lease of test stand at the Høvsøre Test Centre.

The weighted values are calculated to two (2) decimals, using standard rounding rules and are summed up in an evaluation total.

The evaluation total expresses the overall value of the tender compared with the award criteria. The tender which after the evaluation has the highest evaluation total will be deemed to be the best tender. The tenders will be assessed separately for the Høvsøre Test Centre, the tenders in each category being ranked according to the highest and lowest evaluation total.

The highest ranking for the Høvsøre Test Centre is given test stand no. 1.

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Roskilde, April 2015

The Technical University of Denmark, DTU  
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