

INVITATION TO TENDER

Announced by

DANBODD
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Prototype efficiency testing and analysis

REQUEST FOR QUOTATION

Issued to: Supplier

Subject: Service request for prototype technology testing

We hereby request your price estimation for the provision of the following services related to our prototype alkaline electrolyzer for generation of green hydrogen.

You should assume that DANBODD will provide:

- Functional prototype
- Adjustable DC power supply
- Explanation and clarification as to how the device is operated

You should assume that Supplier will provide:

1. Task 1: Measurement of the operational efficiency of the prototype, including:
 - a. At least 10 tests with different variables
 - b. Monitor the temperature of the electrolyte during each test
 - c. Monitor the gas volume output during each test
 - d. Monitor the ratio between input electrical voltage and current and the respective output volume of hydrogen and oxygen gas per unit of time
 - e. Provide any measurement equipment necessary to perform Task 1
 - f. Provide safety and other equipment or materials necessary to perform Task 1
 - g. Provide any pipes and fittings necessary to safely collect mixed hydro-oxygen gas and divert it to the measurement equipment to determine its volume

- h. Ensuring safety during the tests (by providing flame arrestor or another device(s) suitable to ensure safety)
 - i. Provide reporting of test measurements, results, bottlenecks, aspects of material weakness or durability established during testing, conclusions
 - j. Perform evaluation of the overall prototype design and recommending alternative materials and any suggestions for improvement
2. Task 2: Analysis and evaluation of:
- a. Proposed method of testing and measurement
 - b. Consultation before, during and after testing

The prototype has the shape of an egg with height ~30cm and diameter ~25cm, placed on a stand ~10cm above natural ground level.

The available maximum budget is DKK 75.000,00 (seventy-five thousand Danish kroner) exclusive of VAT.

The deadline for submission of proposals is no later than Friday 23rd June 2022.

For those items where no precise pricing is possible, please use your hourly rate and state a reasonable estimate of the number of hours that would be required to perform these services, as per your historical record and experience with similar or comparable installations.

We are available for any clarifications and look forward to your quote,

Kind Regards: Bozhidar Draganov

Owner and CEO of DANBODD

Deadline for submission of tenders: 23-06-2022

Amount limit: 75.000,00 DKK excl. VAT

Submit tender