

INVITATION TO TENDER

Announced by

NorFalk ApS
Universitetsbyen 14
8000 Aarhus C
Tel. 25139790
nickasnoergaard@hotmail.com

Characterization of surface-active agents

GENERAL INFORMATION:

Title of the Tender: Characterization of surface-active agents

Name of Provider: NorFalk ApS

Address: Arresøvej 5B, 8240 Risskov

CVR nr.: 43023233

Date:

Deadline for Tender:

Questions and offers are addressed to: Nicklas Nørgaard

Phone no. and e-mail: 25139790 & nhn@nor-falk.com

PRESENTATION OF PROVIDING COMPANY:

NorFalk makes sustainable surfactants, the active and stabilizing ingredient in soaps, cosmetics, and detergents. Everyone from boutique cosmetics companies to large manufacturers of household products will reduce CO2 emissions and avoid deforestation by using our surfactants without palm oil and fossil fuels. Our customer's CO2 reduction will be achieved without compromising the quality of their final product and at the same price as the current premium bio-based surfactants on the market.

DESCRIPTION OF THE TASK UNDER TENDER

The task of the tender is to chemically and physically preliminary analyze a new biosurfactant produced by NorFalk. The purpose of the task is to obtain the knowledge about the characteristics of the surfactant which will enable us to choose what industry to target. Such characteristics will validate our business plan and should include:

- CMC: preferably by the Du Nouy ring method which will also give us the surface tension of the surfactant.

- Light scattering measurements: to assess the micellar growth of the surfactant, possibly at different temperatures.
- Phase diagram: detection of liquid crystalline phases at different concentrations if possible.
- Measurements of viscosity and rheology.
- A consultancy meeting to discuss the obtained results with a focus on choosing the best applications.

GOALS AND SUCCESS CRITERIA OF THE TENDER

To validate our business plan and the beachhead we have identified as private label manufacturers of soaps the preliminary analyzes should yield expected values within surface tension reduction, CMC, micellar growth, liquid crystalline phases, viscosity and rheology.

BUDGET AND SPECIFICATION OF THE TENDER

The tender should include:

- A short presentation of the tender bidder including CVR no. (VAT No.) and contact information.
- A plan of action for solving the task.
- Cost of solving the task.

An expected time schedule for when the task can be started and when it is expected to be performed.

Deadline for submission of tenders: 14-10-2022

Amount limit: 75.000,00 DKK excl. VAT

[Submit tender](#)