

CALL FOR TENDER

RISKS RELATED TO SOCIETY OF BIOMASS GASIFICATION

The aim of the Horizon2020 CLARA project (<https://clara-h2020.eu/>) is to develop a concept for the production of biofuels based on chemical looping gasification of biogenic residues. Through cutting-edge research and interdisciplinary cooperation, the CLARA consortium, consisting of thirteen international members including universities, research institutes and industrial partners, aims to investigate the complete biomass-to-fuel chain and bring the suggested process to market maturity.

OBJECTIVE OF THE CALL

Within the project work package WP6 assesses risks related to health and safety, environment, society, technology and economy. TU Wien is seeking a subcontractor with socio-scientific expertise in the field of bioenergy application to conduct the societal risk assessment task in parallel and in exchange with the environment, health & safety and technology tasks.

TIMELINE

The work will commence in July 2021 and be completed by March 2022 with publication in April 2022

MANAGEMENT AND REPORTING

- Interim report including
 - Overview on 2-3 commonly used assessment methodologies for risks related to society in large scale biomass plants and their supply chains (1 page each including recommendations)
 - Preliminary list of risks identified
 - Feedback from the CLARA project partners (TU Wien, CENER, REPOTEC, RWE and TUDA) regarding scope and context
- Based on the interim report: coordination with TU Wien regarding the methodology to be used and further specification of the processes, feedstocks and supply chains in question
- Slides with preliminary societal risk assessment for a workshop presentation
- Workshop invitation list & content planning together with TU Wien¹ and participation
- Final report (based on interim report) with final assessment of risks including the input from the workshop.

TENDER PROCESS AND EVALUATION PROCESS

The Tenders should be submitted by 18:00 CEST on **18.June.2021** and should include a written presentation of the following elements (with corresponding weighted scores):

- an understanding of the scope of the work (30%)
- a description of experience relevant to the scope of the work (15%)
- the approach the tenderer would recommend to adopt to complete the work and it's comparison to alternative approaches (1 page maximum) (20%)

¹ the Workshop will be organized by TU Wien



- name(s), qualification(s) and experience of the person(s) who will carry out the work and accompanying CV(s) (15%)
- cost benefit and value for money (20%)

Tenders should be emailed to

Prof. Reinhard Haas: haas@eeg.tuwien.ac.at

and

Dr. Fabian Schipfer: schipfer@eeg.tuwien.ac.at

It is expected that a contract for the work will be awarded by the end of June 2021. The work should start within 2-weeks of being awarded.

PROJECT MILESTONES AND PAYMENTS

The total payment of €35.000 can be arranged in two rates.

- As soon as the interim report is approved a first rate of €17.500 can be transferred
- The second rate of €17.500 is payed upon approval of the final report.

OWNERSHIP

The tenderer can get first authorship of the report and other outputs associated with this project but funding from the Horizon2020 CLARA Project have to be acknowledged.

TENDER VERSION

The version of this tender is 13.05.2021.

Please request the most current version until 14.06.2021 to account for minimal changes in tender requirements.