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Leibniz Institute of Surface Engineering (IOM) Permoserstr. 15 D-04318 Leipzig

GERMANY

Date: Sept 30, 2022

## Offer for

Design, construction, and delivery of a compact post-ionization chamber for liquid microbeam mass spectrometry

## Preamble

IOM and JHI collaborate on the setup and construction of analytical tools for mass spectrometry of molecules and particles.

Mass analysis of non-volatile and non-polar compounds requires dedicated ion-sources with enhanced efficiency, such as liquid microbeam or electrospray ion source operated at sub-ambient pressure.

Further enhancement of ion yield and/or controlled fragmentation may be achieved by post-ionization of neutral species by electron impact.

## JHI will perform/deliver the following:

- CAD-aided design of the differentially pumped interface including EI electron source
- Construction and vacuum leak test of the equipment
- Delivery of the hardware,
- Commissioning of the equipment on site

## **Delivery time: October 2022.**

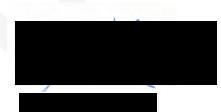
Total:

7.800,-EUR

**Conditions/terms of payment**: The price does include overhead and labor of JHI, as well as the hardware, but no VAT. The offer is valid until Nov 30, 2022.

Date, signature

30/09/2022





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