

[REDACTED]
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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