

[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 differentially pumpable vacuum chamber for neutral ionization MS**

### **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.

Modular construction makes it easy to couple the ion source to different mass spectrometers (TOF, QUAD, Orbitrap)

### **JHI will perform/deliver the following:**

- CAD-aided design of the chamber housing the different ion sources
- Construction and vacuum leak test of the equipment
- Delivery of the hardware
- Commissioning of the equipment on site

**Delivery time: October 2022.**

**Total: 5.200,-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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