



Signature: **EZP.270.72.2022**

Otwock, on 18.11.2022

The Ordering Party

**National Center for Nuclear Research
05-400 Otwock-Świerk
7 Andrzej Sołtan**

It concerns the public procurement procedure conducted under the open tender procedure entitled **"The Design, Manufacture and Delivery including installation of a helium cooling system for the Polish Free Electron Laser - PoIFEL at the premises of the National Centre for Nuclear Research in Otwock"**

Pursuant to Article 135 para. 6 of the Public Procurement Law Act of 11 September 2019 (Journal of Laws of 2022, item 1710, as amended), the Ordering Party quotes the content of the questions and provides explanations to the submitted questions:

Question no. 1:

TOM III - 12.2: The helium tightness level is specified to a very high standard which is complicated to put into practice. This will cause a lot of rejects in the manufacturing process. Can you accept the following specifications:

- Sum total inleak of an individual pressure-carrying component installed outside of the vacuum tank, e.g. a safety valve, a pressure transducer, a manometer, etc., as measured from the inside of the component to the atmosphere. 1×10^{-4} mbar·l/sec.

Answer no. 1

The Ordering Party approve the sum of total inleak of an individual pressure-carrying component installed outside of the vacuum tank, e.g. a safety valve, a pressure transducer, a manometer, etc., as measured from the inside of the component to the atmosphere on maximum level 1×10^{-4} mbar·l/sec, only in the circumstance that at any working mode of the CDS or HCS, this inleak will not create any possibility of contaminating helium in the process pipes or decrease the vacuum insulation.

As it was mentioned at Tom III DESCRIPTION SUBJECT OF ORDER 9.3: valves installed on the vacuum lines must be provided with helium shields.

Question no. 2:

Leak rate of compressor station:

Regarding the leak rate specifications we are not able to use standard compressor station and this will cause our rejection of tender participation.

Actual Specifications on compressor station

"Sum total inleak of an individual pressure-carrying component installed outside of the vacuum tank, e.g. a safety valve, a pressure transducer, a manometer, etc., as measured from the inside of the component to the atmosphere. 1×10^{-6} mbar·l/sec."





Can you agree the following leak rates:

Cycle compressors: 0,075 slm

Recovery compressors @200 bar: 0,225 slm.

Answer no. 2:

The Ordering Party approve the leak rates accordingly to the request :

Cycle compressors: 0,075 slm

Recovery compressors @200 bar: 0,225 slm.

accordingly to circumstances:

- as the leaks from the inside of the compressors to the atmosphere - without any additional restriction.

- as the leaks from the atmosphere to the compressors or process pipe (helium contamination) - the appropriate helium guard needs to be installed.

Question no. 3:

We would be very grateful if you could extend the deadline for submission of bids for this tender by one week. (old date: 15.11.2022; new date: 22.11.2022)

Answer no. 3:

The Ordering Party changed the deadline for submission and opening of tenders in accordance with the change of 09.11.2022. The Ordering Party informs that there will be a change of the date, which will be posted after the publication of the corrigendum of the contract notice.

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(signature of the authorized representative
of the Ordering Party)