

**EXPLANATION OF TENDER CONDITIONS**

Contracting Authority	Fyzikální ústav AV ČR, v. v. i. (Institute of Physics of the CAS)
Seat	Na Slovance 1999/2, 182 00 Praha 8, Czech Republic
Identification No.	68378271
Public Contract name	Chemical glovebox for depositions
Type of public contract	small-scale public contract for supplies
Type of procurement procedure	small-scale public contract procedure pursuant to the rules of the Operational Programme Jan Amos Komenský
Project	OP: Jan Amos Komenský Title: Sensors and Detectors for Future Information Society Reg. No.: CZ.02.01.01/00/22_008/0004596

The Contracting Authority explains the tender conditions for the above-mentioned public contract based on the request of a supplier delivered via electronic tool on April 17, 2025. The request is identical in wording to the 2 requests from the same supplier in the previous cancelled procedure.

Question 1:

Item 5

Box cooling unit,

Adjustable temperature range 22-25°C

Question:

Performance of cooling unit depends on total thermal load that needs to be cooled (inside and outside glovebox) therefore the following information seems needed in order to properly specify the cooling unit.

What is the estimated sum of power consumption of instruments that are planned inside the glovebox?

What is the room temperature range in the place (laboratory) of installation?

Is the place (laboratory) of installation equipped with air conditioning?

Contracting Authority's response:

There will be 2 warming plates in the Glove box. The power supply (heating power) of one plate is 650 800 W, heating up to 300°C. The room will be air-conditioned, temperature range will be 22°C - 25°C.





Question 2:

Annex 1, Item 3:

Questions:

Does it mean a second alternative solvent trap input that can be used instead of the standard gas input from the glovebox?

What is meant by "large organic solvents"? What is the estimated volume of solvents per week or per month?

Contracting Authority's response:

The item functions as a suction system positioned above the spin-coating process, where significant organic solvent evaporation occurs. This setup effectively captures and manages solvent vapors, minimizing contamination and exposure. It should be carbon-based and used in addition to molecular sieve filter for optimal filtration.

In this context, "large organic solvents" refer to solvents used in substantial quantities during spin-coating. These include toluene, DMF (dimethyl formamide), DMSO (dimethyl sulfoxide), and chlorobenzene.

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