

EXPLANATION OF TENDER DOCUMENTATION NO. 1

Identification of the public contract

Title: **System for operant IV self-administration**
Type of public contract: Supplies
Type of proceedings: Open procedure
Address of the public contract: <https://zakazky.muni.cz/vz00007098>

Identification data of the contracting authority

Title: **Masaryk University - Faculty of Medicine**
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1. REQUEST FOR CLARIFICATION OF THE TENDER DOCUMENTATION

On 5, 8 and 17 July 2024, the contracting authority received the following questions in the context of a supplier's request for clarification of the tender conditions:

Question 1:

The contracting authority requires 16 chambers, each equipped with a set of listed products. Do we understand the specification correctly that the contracting authority requires all 16 chambers to be equipped with all listed products - for example, a total of 16 "sound-attenuating cubicles" and 48 "nose-poke operands"?

Answer from the contracting authority:

No, we require a system containing a total of 16 chambers, 16 "sound-attenuating cubicles" and a total of 48 nose-poke operands and other parts as per the technical specification.

Question 2:

Do we understand that the client will need to work with the system for a long period of time and requires both standard chamber lighting and infrared lighting for "night mode"? Is lighting also required for the "nose pokes"?

Answer from the contracting authority:

Yes, lighting is needed for both day and night mode, i.e. infrared light. Yes, as the technical specification shows, lighting is also needed for nose pokes (cue-lights).

Question 3:

For self-administration, there must be a grommet from the chamber to connect the cannula from the animal to the dosing pump. Does the chamber therefore require a slotted lid to allow this access?

Answer from the contracting authority:

Yes, as the technical specification shows, the lid must allow passage for intravenous accessories.

Question 4:

If a slotted lid is required, should a standard lid without a grommet also be included?

Answer from the contracting authority:

No, a standard lid is not required, as the technical specification shows, it is required to allow dosing, i.e. to allow passage for intravenous entry.

Question 5:

The demand includes on-site training at a location specified by the client. Given the size and complexity of the delivery, we assume that training of at least 2 manufacturer's representatives for 2 days (2x 8 hours) is included, is this correct?

Answer from the contracting authority:

The requirement to train the customer is stated in the draft purchase contract in the provisions of Article II(1)(f) and (g) as follows:

"The Seller's obligation to deliver the items includes:

.....demonstration of functionality and mutual compatibility of the items, including user briefing of the Buyer's authorized personnel (expected number of persons: 4 persons) in the scope of at least 8 hours (may be divided into several cycles with a smaller number of users according to the Buyer's needs and the Buyer's space possibilities); the user briefing must be carried out in Czech, Slovak or English by a person with appropriate expertise and will include in particular the operation of the goods, user maintenance and solving/removing basic problems, explanation of the functionalities of the software. The above requirements take into account the professional complexity of the operation of the subject of performance and the number of persons providing it on the Buyer's side,

.....provide surgical training of the Buyer's staff (expected number of persons: 4 persons) in the scope of at least 8 hours in Czech, Slovak or English by a person with appropriate expertise and will include in particular instruction in the correct implementation of intravascular accessories.

Question 6:

Does the contracting authority also require the infusion system supplier to attend training throughout the training period for their own chambers?

Answer from the contracting authority:

As the answer to question 5 shows, training is needed for the entire functional equipment, i.e. for the chambers themselves and the infusion part.

Question 7:

With regard to further expansion of the system, does the contracting authority require the possibility of adding a camera for visualisation of the animal in the chamber and a touch panel ("touch screen") for performing behavioural tasks?

Answer from the contracting authority:

Yes, the addition of camera supports for visualisation of the animal in the chamber and a touch panel ("touch screen") for behavioural tasks is required by the contracting authority.

Question 8:

With regard to further expansion of the system, does the contracting authority require the possibility of adding an electrophysiology set? That is, special electrical isolation/coating of various components and also a Faraday-type add-on to the chamber.

Answer from the contracting authority:

No, the addition of an electrophysiology set is not required by the contracting authority.

Question 9:

What is the minimum required for a "Starter pack of system compatible consumables"?

Answer from the contracting authority:

The starter pack must contain enough consumables to allow the implantation of the catheters in 32 rats.

Question 10:

In the section "General requirements" there is an item called "System for stacking cubicles in two layers, with wheels" - from our point of view this is a rather complex item related to the item "System for safe and easy installation of the infusion pumps (e.g. internal or other shelf)". Our solution would be to supply several separate racks into which the chambers and the infusion pumps could be inserted. Have we got that right?

Answer from the contracting authority:

Yes, the sponsor requires that the chambers and infusion pumps be placed in mobile, self-contained stands.

Question 11:

If so, are there any maximum dimensions of such stands?

Answer from the contracting authority:

The client does not require specific dimensions.

Due to the total number of 16 operant chambers, the customer requires a division of 4 chambers into 1 stand on wheels.

Question 12:

Does the installation of the infusion pump have to be in a stand or can it use blocks that will be placed on the lower chamber?

Answer from the contracting authority:

The contracting authority requires the pump to be placed above the rat chamber so that the whole system is closed.

Question 13:

Does the customer require the pump to be placed above the chamber itself or can the pumps be placed on the side of the stand?

Answer from the contracting authority:

Yes, the client requires the pump to be placed above the stand chamber so that the whole system is enclosed.

Question 14:

In the section "General requirements" there is a point entitled "Plan for sterilization of the entire system when installed in the SPF user device" - this point refers to the sterilization methods used in the menagerie. What sterilisation methods must the system be able to withstand? Is alcohol sterilisation included?

Answer from the contracting authority:

The customer requires that parts of the system that do not contain electrical components can be sterilised using H2O2. The electronics shall be able to be sterilised using wetted equipment. The contracting authority does not require sterilisation with alcohol.

Question 15:

How does the contracting authority approach the degradation of plastics if sterilisation by UV light is also involved?"

Answer from the contracting authority:

The contracting authority does not require sterilisation by UV light due to the aforementioned degradation of plastics.

Question 16:

Does the client require a camera carrier to be placed within the chamber, for possible addition and expansion of the apparatus in the future?

Answer from the contracting authority:

Yes, the addition of a carrier for a camera to visualize the animal in the behavioral task chamber is required by the contracting authority.

Question 17:

Does the client require the light source to be LED?

Answer from the contracting authority:

Yes, LED light source is required by the contracting authority.

Question 18:

Does the contracting authority require that the rat placement chambers, infusion pumps, and swivel devices be located on sliding shelves within the system?

Answer from the contracting authority:

Yes, the placement of swivels and infusion pumps inside the chambers is required by the contracting authority.

Question 19:

*Does the **contracting authority** require the chambers to be equipped with their own control processor that can continue the experiment in case of external technical failures?*

Answer from the contracting authority:

Yes.

Question 20:

*Does the **contracting authority** require the system components to be completely removable for more efficient cleaning and sterilization?*

Answer from the contracting authority:

Yes.

Question 21:

*Does the **contracting authority** require that the individual operant chambers be located on a mobile cart to ensure system mobility?*

Answer from the contracting authority:

Yes, the sponsor requires that the chambers and infusion pumps be placed in mobile, self-contained stands. Due to the total number of 16 operant chambers, the contracting authority requires a deal of 4 chambers on 1 wheeled stand.

Question 22:

Could the contracting authority specify the contents of the surgical starter pack so that the individual items are described and an inappropriate starter pack for the application cannot be supplied?

Answer from the contracting authority:

The package must include everything needed to implant intrajugular catheters and butons for connection to the operant chamber in 32 rats as part of the surgical training of experimenters and students. The package must include all equipment for connecting the rats to the operant boxes, training operant sessions, daily maintenance of the catheters so that after training each experimenter is fully proficient in the entire surgical process and daily care of the animals.

Question 23:

Will the contracting authority accept 8 hours of system operability training? If not, what is the contracting authority's idea of training?

Answer from the contracting authority:

See answer to questions 5 and 6.

Question 24:

Will the contracting authority also require surgical training for proper insertion of surgical, infusion material?

Answer from the contracting authority:

See answer to questions 5 and 6.

2. CHANGE IN THE TENDER DOCUMENTATION

In view of the modifications to the technical specification, itemized budget and provisions in the draft purchase contract, the contracting authority attaches to this explanation of the tender documentation the modified annexes to the tender document marked:

- offer form in ČJ - change in the line item budget:

"02_LF_System for operant autoapplication_Formular menus_final_change"

- offer form in AJ - change in the line item budget:

"02_LF_LF_System for operant IV self-administration_OFFER FORM_revision"

- Draft Purchase Contract in Czech - modification of clauses II(1)(f) and (g), clause IV(4)(c), addition of clause IV(6)(d) of the Contract:

"03_LF_System for operant autoapplication_KS_final_change"

- Draft Purchase Contract in AJ - modification of clauses II.1(f) and (g), clause IV.4(c), addition of clause IV.6(d) of the Contract:

"03_LF_System for operant IV self-administration_PURCHASE AGREEMENT_revision"

- technical specification in ČJ:

"04_LF_System for operational auto-application_Technical specification_change"

- technical specification in AJ:

"04_LF_System for operant IV self-administration_TECHNICAL SPECIFICATIONS_revision"

Suppliers are required to comply with the above modified annexes of the tender documentation and to complete and submit a modified itemized budget and a modified technical specification in the tender.

3. DEADLINE FOR SUBMISSION OF TENDERS

In accordance with Section 99(2) of the Public Procurement Act, the Contracting Authority has decided, in view of the nature of the responses to the requests for clarification of the tender documentation received and the modifications to the itemised budget, the draft purchase contract and the technical specification, to extend the deadline for submission of tenders so that it is at least its full original length from the time of sending this clarification.

The contracting authority has therefore extended the deadline for the submission of tenders until 10:00 on 28 August 2024.