



EVROPSKÁ UNIE
Evropské strukturální a investiční fondy
Operační program Výzkum, vývoj a vzdělávání



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No.: 145/PJ/OVZ/2020

Date: 25. 11. 2020

Subj.: The explanation and the amendment of the the tender conditions No.1

According to the public contract in the above-limit supply regime entitled: " LF/UMTM - Restoration of a confocal microscopy device integrated into a robotic platform ", awarded in an open procedure, published in VVZ under evid. No. : Z2020-039256, in accordance with Act No. 134/2016 Coll., on the award of public contracts, as amended, we inform you of the following explanation and amendment of the tender documentation:

Question 1:

User training is normally supplied for 2 days for a maximum of 6 users.
The current health situation with the pandemic may not allow for travel to provide training.
We will provide training when travel is permitted.

Answer:

The contracting authority insists on compliance with the set conditions.

Question 2:

The contracting authority requires, as part of the microscopy equipment, a chamber for imaging living cells - with temperature control in the minimum range of 35 ° C to 40 ° C. The live cell imaging chamber, which should be part of our offering, has temperature control optimized for long-term imaging of live mammalian cells in the commonly used range of 37 ° C to 42 ° C. Will the contracting authority accept a tender including a living cell imaging chamber with a temperature control between 37 ° C and 42 ° C?



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Answer:

The Contracting Authority hereby replaces the following requirement in Article 2.2.1 of the tender documentation:

- Live-cell chamber - minimum temperature range 35-40 °C, CO2 supply box 5% and humidifier

With this text:

- Live-cell chamber - minimum temperature range 37-40 °C, CO2 supply box 5% and humidifier

Question 3:

The Contracting Authority requires a high-resolution scanning station with a minimum resolution of 0.2 μm as part of the microscopy equipment. The scanning station, which should be part of our offer, has a minimum resolution of 0.5 μm . The 0.5 μm resolution is optimally chosen for interaction with a lens with a maximum magnification of 63x and a spectral resolution of 1.2 μm . The current technology of stepper drives also offers a higher resolution without proportionally higher costs, however, in the given application such a requirement has no support from the point of view of optics or biology. Will the contracting authority accept the tender including a scanning station with a resolution of 0.5 μm ?

Answer:

The Contracting Authority hereby replaces the following requirement in Article 2.2.1 of the tender documentation:

- High-resolution scanning stage with minimum resolution 0.2 μm

With this text:

- High-resolution scanning stage with minimum resolution 0.5 μm

Question 4:

The Contracting Authority requires a control workstation with a dual monitor to control the system as part of the microscopy equipment. A part of the microscopy equipment that we



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intend to offer to the client is an ergonomic station - a stand for keyboard and mouse and a flexible holder for a single 30 "monitor. The user interface of the control software of the microscopy device is designed as integral - ie there is no need for window layout for the control and analysis part of the software separately on its own monitor. However, the graphics card of the work PC station still allows the connection of up to four 4K monitors. Will the contracting authority accept a tender including a single 30" monitor?

Answer:

With regard to practical use, the contracting authority insists on compliance with the set conditions.

Question 5:

We can normally deliver in 100 days as required.

The health situation with the pandemic is causing problems with air and truck freight.

Delivery may take longer than 100 days because of the health situation. We request an exception to the late delivery penalty.

We can not accept penalties due to logistics delays related to the health situation.

We can guarantee shipment within 100 days.

Answer:

The contracting authority insists on compliance with the set conditions.

Question 6:

The contracting authority requires imaging-based autofocus as part of the microscopy device. Autofocus, which should be part of our offered equipment, is the so-called hardware-based autofocus. Hardware-based autofocus enables systematic high content screening independent of random changes in the displayed plane of the experiment. For example, if a cell is detached from the bottom of a well during screening due to cell death, our device will continue to be able to effectively focus the originally selected plane of adherent living cells and the image-base autofocus error will not be detected in the experiment. Will the contracting authority accept hardware-based autofocus as a full-fledged alternative to imaging-based autofocus?

Answer:

The Contracting Authority hereby replaces the following requirement in Article 2.2.1 of the tender documentation:



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- Laser autofocus mode based on the astigmatism method
- Laser autofocus mode based on the confocality
- Image-based autofocus mode

With this text:

- Autofocus must allow focusing on the displayed object independently of random changes in the imaged plane of the experiment. The proposed solution must also work for large 3D objects, such as spheroids of cells, whose positions in different wells on one microtiter plate can be with higher variability in the z-axis compared to the positions of adherent cells directly connected to the plastic bottom of the plate.

Question 7:

The Contracting Authority contains as part of the microscopy device a lens for fluorescence with a magnification of 20x (permissible tolerance of objective magnification is $\pm 20\%$), with a minimum NA = 0.75. The current client contains a water immersion lens for fluorescence with a magnification of 20x (permissible tolerance of lens magnification is $\pm 20\%$) with a minimum NA = 1.0. We believe that we will have to work in the system already one water lens with a magnification of 20x and NA = 1.0, it is not active that the Air 20x lens has an almost comparable NA. Will the Contracting Authority accept a lens for fluorescence with Air 20x magnification with NA = 0.4?

Answer:

The contracting authority insists on compliance with the set conditions.

The Contracting Authority hereby replaces the following requirement in Article 2.2.1 of the tender documentation:

- UV illumination for epifluorescence

With this text:

- UV illumination for fluorescence



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Genius loci...

The other conditions remain unchanged.

Extension of the deadline for submission of tenders and change of the deadline for opening envelopes with tenders

The Contracting Authority hereby, in connection with the changes made in accordance with § 99 para. 2 and § 98 para. 4 of the Act, extends the deadline for submission of tenders and the deadline for opening envelopes with tenders, all specified in Article 11.1. tender documentation and in Article IV.2.2) and IV.2.7) Notice of commencement of the public contract published in the Public Procurement Bulletin as follows:

Closing date for submission of tenders offers is 04.01. 2021 at 09:00 a.m.

Tenders are submitted in electronic form through an electronic tool E-ZAK, as specified by the Contracting Authority, available at <https://zakazky.upol.cz/vz00004112>.

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Contact person for public contract matters