

**AMENDMENT No. 5 TO BIDDING DOCUMENTS**

Issued on 23<sup>rd</sup> of May 2022

**PROCUREMENT OF EQUIPMENT FOR BIOSENSE INSTITUTE IN NOVI SAD,  
SERBIA**

**IOP/58-2021/RD**

In accordance with the Bidding Documents, Clause 8. Part 1. Bidding Procedures, Section I. Instructions to Bidders, Contents of Bidding Documents, Amendment of Bidding Documents, Public Investment Management Office, No. 11 Nemanjina street, Republic of Serbia, as the Purchaser, hereby notifies all persons concerned for “**Procurement of equipment for Biosense Institute in Novi Sad, Serbia**” IOP/58-2021/RD, that there has been an amendment made in the Bidding Documents.

The following provisions of Bidding Documents are hereby replaced as follows:

1. **Bidding Documents are changed in the Technical Specification, as follows:**

<b>TECHNICAL SPECIFICATION FOR LOT 7 – BIOSYSTEMS</b>		
<b>ID</b>	<b>Technical Specification Requested -Defined Technical specification in the Bidding Documents before the Amendment no. 5 published on 23 May 2022-</b>	<b>Technical Specification Requested - Defined Technical specification in the Bidding Documents after the Amendment no. 5 published on 23 May 2022 reads as follows-</b>
<b>Sheet 7.2 – Inverted microscope with top incubation systems stage</b>		
	<b>BIOSYSTEMS</b>	
<b>7.2</b>	<b>Inverted microscope with top incubation systems stage</b>	
<b>19</b>	The microscope is equipped with an assist eyepiece tube base unit with integrated Wi-Fi camera	The microscope is equipped with an assist eyepiece tube base unit with integrated camera
<b>Sheet 7.4 Set of optical components and devices for optical laboratory</b>		
	<b>BIOSYSTEMS</b>	
<b>7.4</b>	<b>Set of optical components and devices for optical laboratory</b>	
<b>4</b>	<del>Photodiode Power Sensor</del> - Substrate: Fused Silica, Excitation Band: 390 ± at least 7 nm, Size Ø25 ± 0.1 mm, clear Appertur >Ø21 mm, Emission Band: 460 ± at least 25 nm, Size Ø25 ± 0.1 mm, clear Apperture >Ø21 mm, Dichroic Reflection /	Blue Fluorescent Protein Filter Set - Substrate: Fused Silica, Excitation Band: 390 ± at least 7 nm, Size Ø25 ± 0.1 mm, clear Appertur >Ø21 mm, Emission Band: 460 ± at least 25 nm, Size Ø25 ± 0.1 mm, clear Apperture >Ø21 mm, Dichroic Reflection / Transmission Band: at least 360 - 405 nm / 430 - 470 nm

	Transmission Band: at least 360 - 405 nm / 430 - 470 nm	
9	Mounted Bandpass filter Kit - Minimum Clear Aperture 21 mm, Thickness <del>6 - 6.5 mm</del> , Central wavelengths 400 nm, 450, nm, 500 nm, 550 nm, 600 nm, 650 nm, 700 nm, 750 m, 800 nm, 850 nm, FWHM $\pm 2$ nm, central wavelength deviation max $\pm 2$ nm	Mounted Bandpass filter Kit - Minimum Clear Aperture 21 mm, Thickness 3 - 4 mm, Central wavelengths 400 nm, 450, nm, 500 nm, 550 nm, 600 nm, 650 nm, 700 nm, 750 m, 800 nm, 850 nm, FWHM $\leq 40$ nm
10	Mounted Bandpass filter Kit - Minimum Clear Aperture 21 mm, Thickness 6 - 6.5 mm, Wavelength 850 nm, 900 nm, <del>950 nm</del> , 1000 nm, 1100 nm, 1200 nm, 1300 nm, 1400 nm, 1500 nm, 1550 nm, 1600 nm, FWHM $< \pm 2$ nm, central wavelength deviation max $\pm 2$ nm	Mounted Bandpass filter Kit - Minimum Clear Aperture 21 mm, Thickness 6 - 6.5 mm, Wavelength 850 nm, 900 nm, 1000 nm, 1100 nm, 1200 nm, 1300 nm, 1400 nm, 1500 nm, 1550 nm, 1600 nm, FWHM $< 15$ nm, central wavelength deviation max $\pm 3$ nm
11	Mounted Shortpass filter Kit - Minimum Clear Aperture 21 mm, Thickness <del>6 - 6.5 mm</del> , Cut- $\ominus$ Wavelength 450 nm, 500 nm, 550 nm, 600 nm, 650 nm, 700 nm, 750 nm, 800 nm, 900 nm, 1000 nm, Transmission at Peak at least 70%	Mounted Shortpass filter Kit - Minimum Clear Aperture 21 mm, Thickness 3 - 4 mm, Cut-Off Wavelength 450 nm, 500 nm, 550 nm, 600 nm, 650 nm, 700 nm, 750 nm, 800 nm, 900 nm, 1000 nm, Transmission at Peak at least 70%
12	Mounted Longpass filter Kit - Minimum Clear Aperture 21 mm, Thickness <del>6 - 6.5 mm</del> , Cut-On Wavelength, 500 nm, 550 nm, 600 nm, 650 nm, 700 nm, 750 nm, 800 nm, 850 nm, 900 nm, 950 nm, Transmission at Peak at least 70%	Mounted Longpass filter Kit - Minimum Clear Aperture 21 mm, Thickness 3 - 4 mm, Cut-On Wavelength, 500 nm, 550 nm, 600 nm, 650 nm, 700 nm, 750 nm, 800 nm, 850 nm, 900 nm, 950 nm, Transmission at Peak at least 70%
13	Mounted Longpass filter Kit - Minimum Clear Aperture 21 mm, Thickness <del>6 - 6.5 mm</del> , Cut-On Wavelength, 1000 nm, 1050 nm, 1100 nm, 1150 nm, 1200 nm, 1250 nm, 1300 nm, 1350 nm, 1400 nm, 1500 nm, Transmission at Peak at least 70%	Mounted Longpass filter Kit - Minimum Clear Aperture 21 mm, Thickness 3 - 4 mm, Cut-On Wavelength, 1000 nm, 1050 nm, 1100 nm, 1150 nm, 1200 nm, 1250 nm, 1300 nm, 1350 nm, 1400 nm, 1500 nm, Transmission at Peak at least 70%
16	Absorptive ND Filter set - $\emptyset 2$ " ND Filters, SM $\pm$ -Mounted, 400 - 650 nm, Included Optical Densities 0.1, 0.2, 0.3, 0.4, 0.5, 0.6, 1.0, 2.0, 3.0, 4.0	Absorptive ND Filter set - $\emptyset 2$ " ND Filters, SM $2$ Mounted, 400 - 650 nm, Included Optical Densities 0.1, 0.2, 0.3, 0.4, 0.5, 0.6, 1.0, 2.0, 3.0, 4.0
18	Plano-/Bi- Convex/Concave Lens Kit - $\emptyset 1/2$ " N-BK7, <del>Uncoated</del> , Plano Convex and Bi Convex Focal Lengths (mm) 15, 20, 25, 30, 40, 50, 100, Diopters +66.7, +50.0, +40.0, +33.3, +25.0, +20.0, +10.0, Plano Concave and Bi Concave Focal Lengths (mm) -15, -25, -30, -50, Diopters -66.7, -40.0, -33.3, -20.0	Plano-/Bi- Convex/Concave Lens Kit - $\emptyset 1/2$ " N-BK7, Antireflection coating, Plano Convex and Bi Convex Focal Lengths (mm) 15, 20, 25, 30, 40, 50, 100, Diopters +66.7, +50.0, +40.0, +33.3, +25.0, +20.0, +10.0, Plano Concave and Bi Concave Focal Lengths (mm) -15, -25, -30, -50, Diopters -66.7, -40.0, -33.3, -20.0

20	Colored Glass Filter Kit - Ø25 mm, Mounted in SM1 Lens Tubes, Clear Aperture 80% of Diameter, at least 6 longpass filters with cut-on wavelengths in the range 400-850 nm, at least 3 bandpass filters with bandpass range in the wavelength range 300-400 nm	Colored Glass Filter Kit - Ø25 mm, Mounted in SM1 Lens Tubes, Clear Aperture 80% of Diameter, at least 6 longpass filters with cut-on wavelengths in the range 400-850 nm, at least 3 bandpass filters with bandpass range in the wavelength range 300-800 nm
<b>TECHNICAL SPECIFICATION FOR LOT 5 – PHYSICAL VAPOUR DEPOSITION</b>		
<b>ID</b>	<b>Technical Specification Requested - Defined Technical specification in the Bidding Documents before the Amendment no. 5 published on 23 May 2022-</b>	<b>Technical Specification Requested - Defined Technical specification in the Bidding Documents after the Amendment no. 5 published on 23 May 2022 reads as follows-</b>
<b>Sheet 5.1 PVD System</b>		
<b>PHYSICAL VAPOUR DEPOSITION</b>		
<b>5.1</b>	<b>PVD System</b>	
<b>36</b>	Delivery time: Within 9 months	Delivery time: Within 12 months

In all other aspects, Bidding documents for the “**Procurement of equipment for Biosense Institute in Novi Sad, Serbia**” IOP/58-2021/RD, remains unchanged.

This Amendment to Bidding Documents is a constituent part of the “**Procurement of equipment for Biosense Institute in Novi Sad, Serbia**” IOP/58-2021/RD, and will be posted on the Purchaser’s web site: <http://www.obnova.gov.rs/english/public-procurement>

Updated version of technical specifications are given in excel file and is constituent part of this amendment.

In order to submit a responsive bid, bidders are expected to prepare their offers in accordance with this amendment.

Public Procurement Committee