Subject: Laboratory equipment for BSL-3 laboratory at the "Torlak" Institute of Virology, Vaccines and Sera RFB No: RS-SECRP-9120YF-G-RFB-24-1.1.2.B / Clarification No 1

Date: 10.12.2024.

Dear all,

With respect to the RS-SECRP-9120YF-G-RFB-24-1.1.2.B / Clarification No 1, please find below the answers to the questions submitted by the interested bidders.

Ite m:	Question	Ref to the Procurement documents	Answers FINAL	Clarification or Amendment to the RFB
1	LOT 1, Item 1, Laboratory CO2 incubator:	<b>T</b> 1 · 1	The offered volume does not meet the needs of	Clarification No 1
	Is it acceptable to offer a device with a volume is 161 L?	specification	remains unchanged.	
2	LOT 1, Item 1, Laboratory CO2 incubator:		LOT 1, Item 1, Laboratory CO2 incubator – Request for CO2 range now reads as follows:	Amendment No 3
	Is a CO2 incubator required as stated in the title of this	Technical	"- CO2 rage 0.2 – 20%"	
	item or is a multigas incubator required If a CO2	specification	Request for O2 control range is removed.	
	control range: 10 - 95%"			
3	LOT 1, Item 1, Laboratory CO2 incubator:		Please see answer provided in Item 2	Amendment No 3
	Requested O2 control range: 10 - 95% - is it acceptable to offer CO2 incubator with O2 control range 5-90% ?	Technical specification		
4	LOT 1, Item 1, Laboratory CO2 incubator:		Please see answer provided in Item 2	Amendment No 3
	If a multigas incubator is needed, is it acceptable to offer a device with O2 Control Range & Fluctuation: 1 -18 and 22 - 80, $\pm 0.2$ %	Technical specification		
5	LOT 1, Item 1, Laboratory CO2 incubator:		Please see answer provided in Item 2	Amendment No 3
	Regarding your request for "O2 control range: 10 - 95%" is this a mistake? Should it be required for products to have O2 control range 1-20% (or 5-20%), given that this range is appropriate for most research, especially in mammalian cells.	Technical specification		

20%?			
LOT 1, Item 1, Laboratory CO2 incubator:	Technical specification	Please see answer provided in Item 2	Amendment No 3
In the technical specification it says "CO2 range of 1-20%". Is it acceptable to offer laboratory CO2 incubator with CO2 range of 0,2-20%?			
LOT 1, Item 1, Laboratory CO2 incubator:	Technical specification	Please see answer provided in Item 2	Amendment No 3
In the technical specification it says "O2 control range of 10-95%". Is it acceptable to offer laboratory CO2 incubator with O2 control range of 1-19%?			
LOT 1, Item 1, Laboratory CO2 incubator:		YES, it is acceptable to offer a device without an autostart option.	Clarification No 1
Is it acceptable to offer a device without an autostart option, given that cultivation processes in incubators take place over longer time intervals and the devices do not have frequent switching on and off	Technical specification		
LOT 1, Item 1, Laboratory CO2 incubator:		Automatic sterilisation is safer than manual decontamination in case of a spill or between	Clarification No 1
Please explain in more detail the request for automatic sterilization. The device in such circumstances can lead to the damage of samples that are valuable to the user and it is necessary that the sterilization process be approved by the supervisor for safety reasons	Technical specification	different experiments when switching from one to another viral pathogen or cell-line cultivation without viruses. In both cases it avoids cross- contamination. Therefore, Technical specification remains	
	<ul> <li>20%?</li> <li>LOT 1, Item 1, Laboratory CO2 incubator:</li> <li>In the technical specification it says "CO2 range of 1-20%". Is it acceptable to offer laboratory CO2 incubator with CO2 range of 0,2-20%?</li> <li>LOT 1, Item 1, Laboratory CO2 incubator:</li> <li>In the technical specification it says "O2 control range of 10-95%". Is it acceptable to offer laboratory CO2 incubator with O2 control range of 1-19%?</li> <li>LOT 1, Item 1, Laboratory CO2 incubator:</li> <li>Is it acceptable to offer a device without an autostart option, given that cultivation processes in incubators take place over longer time intervals and the devices do not have frequent switching on and off</li> <li>LOT 1, Item 1, Laboratory CO2 incubator:</li> <li>Please explain in more detail the request for automatic sterilization. The device in such circumstances can lead to the damage of samples that are valuable to the user and it is necessary that the sterilization process be approved by the supervisor for safety reasons</li> </ul>	20%?Technical specificationLOT 1, Item 1, Laboratory CO2 incubator:Technical specificationIn the technical specification it says "CO2 range of 1- 20%". Is it acceptable to offer laboratory CO2 incubator with CO2 range of 0,2-20%?Technical specificationLOT 1, Item 1, Laboratory CO2 incubator:Technical specificationIn the technical specification it says "O2 control range of 10-95%". Is it acceptable to offer laboratory CO2 incubator with O2 control range of 1-19%?Technical specificationLOT 1, Item 1, Laboratory CO2 incubator:Technical specificationIs it acceptable to offer a device without an autostart option, given that cultivation processes in incubators take place over longer time intervals and the devices do not have frequent switching on and offTechnical specificationLOT 1, Item 1, Laboratory CO2 incubator:Please explain in more detail the request for automatic sterilization. The device in such circumstances can lead to the damage of samples that are valuable to the user and it is necessary that the sterilization process be approved by the supervisor for safety reasonsTechnical specification	20%?Image: Constraint of the second seco

10	LOT 1, item 1, Laboratory CO2 incubator: Is it acceptable to offer an infrared (IR) thermal conductivity sensor, which allows for more uniform monitoring and is technologically more advanced than the TC (thermal conductivity) sensor specified in the	Technical specification	YES, it is acceptable to offer (IR) thermal conductivity sensor	Clarification No 1
	requirements?			~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~
11	LOT 1, Item 1, Laboratory CO2 incubator: Is it acceptable to propose an incubator with fixed feet instead of wheels?	Technical specification	Please refer to TS	Clarification No 1
12	LOT 1, item 1, Laboratory CO2 incubator: In the Technical specification it says: "Volume 250- 300 1". Would the Purchaser accept laboratory CO2 incubator with chamber volume 100 1?	Technical specification	The offered volume does not meet the needs of the End user. Therefore, Technical specification remains unchanged.	Clarification No 1
13	LOT 1, Item 1, Laboratory CO2 incubator: Is it acceptable to offer products with external dimensions within 800x1200x750mm?	Technical specification	The dimensions offered do not correspond to the designed space of the BSL-3 laboratory. Therefore, Technical specification remains unchanged.	Clarification No 1
14	LOT 1, item 1 - Laboratory CO2 incubator In the Technical specification it is demanded that incubator has IxUSB output. Would it be acceptable to offer an incubator that has RS232 port instead of USB output?	Technical specification	Please refer to TS where no such requirement is listed. However, both types of connections are acceptable.	Clarification No 1
15	LOT 1, Item 2, Laboratory incubator; In the Technical specification it says: "Ambient temperature range + 5°C to + 60°C or wider range". Would it be acceptable to offer incubator with ambient temperature range of +10°C to +100°C?	Technical specification	LOT 1, Item 2, Laboratory incubator – Request for Ambient temperature range now reads as follows: <i>"- Ambient temperature minimum range</i> +10°C to +60°C (or wider range)"	Amendment No 3

16	LOT 1, Item 2, Laboratory incubator: In the Technical specification it says: "Temperature deviation over time $\pm 0,1^{\circ}$ C at 150°C". Is it acceptable to offer device with temperature deviation over time $\leq 0,2^{\circ}$ C?	Technical specification	LOT 1, Item 2, Laboratory incubator – Request for Temperature deviation over time now reads as follows: <i>"- Temperature deviation over time</i> ≤0.2°C at 150°C."	Amendment No 3
17	LOT 1, Item 2, Laboratory incubator: Requested load up to 20kg per shelf (These value can vary for 10%) - is it acceptable to offer laboratory incubator with shelves with max load 25kg?	Technical specification	LOT 1, Item 2, Laboratory incubator – Request for load per shelf now reads as follows: <i>"load up to minimum 18 kg per shelf"</i>	Amendment No 3
18	LOT 1, Item 2, Laboratory incubator: In the Technical specification it is demanded that incubator has Fluorescent screen. Would it be acceptable to offer an incubator that has LCD display instead of Fluorescent screen?	Technical specification	Please refer to TS where no such requirement is listed. However, both types of screens are acceptable.	Clarification No 1
19	LOT 1, Item 3, Laboratory freezer with deep freezing: Is it acceptable to offer a device with a temperature range of -50°C to -86°C, as most devices of this type available on the market cannot operate at temperatures of -40°C as required in the technical specification? In this way, you enable greater competitiveness and do not influence the reduction of device performance	Technical specification	LOT 1, Item 3, Laboratory freezer with deep freezing – Request for Temperature range now reads as follows: <i>"Temperature range from -50°C to -86°C"</i>	Amendment No 3
20	LOT 1, Item 3, Laboratory freezer with deep freezing: Is it acceptable to offer a device with a volume of 740L if its external dimensions meet the requirements of the maximum value (w x d x h): 1200 x 1000 x 2000 mm, $\pm 15\%$	Technical specification	LOT 1, Item 3, Laboratory freezer with deep freezing – Request for volume now reads as follows: <i>"- volume 500-750 liters"</i>	Amendment No 3

21	LOT 1, Item 3, Laboratory freezer with deep freezing:		YES, it is acceptable	Clarification No 1
	Requested max dimension: (WxDxH): 1200x1000x2000mm ±15%, is it acceptable to offer laboratory freezer with dimensions 719x977x1981 mm?	Technical specification		
22	LOT 1, Item 3, Laboratory freezer with deep freezing:		Please see answer provided in Item 19	Amendment No 3
	Requested temperature range: $-40^{\circ}$ C to $-86^{\circ}$ C - is it acceptable to offer laboratory deep freezer with range - $50^{\circ}$ C to - $86^{\circ}$ C?	Technical specification		
23	LOT 1, Item 3, Laboratory freezer with deep freezing:		LOT 1, Item 3, Laboratory freezer with deep freezing - <b>Request for "Permanent 2D linear</b>	Amendment No 3
	Please consider removing the request for "Permanent 2D, linear, and human readable codes on 3 sides of the rack; 2D barcode on the rack bottom." This is a specific rack organising method that favoured only one producer on the market	Technical specification	and human readable codes on 3 sides of the rack; 2D barcode on the rack bottom" is removed.	
24	LOT 1, Item 3, Laboratory freezer with deep freezing:		LOT 1, Item 3, Laboratory freezer with deep freezing – <i>Request for "The control panel on</i>	Amendment No 3
	Please consider removing further requests: "The control panel on the door, with a Host Interface cards (HIC) Interface" This request favoured only one manufacturer with a feature commercial name HIC	Technical specification	the door, with an Host interface cards (HIC) Interface" is removed.	
25	LOT 1, Item 3, Laboratory freezer with deep freezing:		LOT 1, Item 3, Laboratory freezer with deep freezing – Request for Cryobank vials now read	Amendment No 3
	Regarding request for "1.8ml" vials for cryobank, is it acceptable to offer vials of 1,5 or 2ml given that those are most widely used ones and it would allow for fair participation of more participants? Is it acceptable to offer cryobank vials within range 1,5-2ml?	Technical specification	as follows: <i>"- Cryobank vials 1.5 - 2 ml"</i>	

26	LOT 1, Item 3, Laboratory freezer with deep freezing:		Please see answer provided in Item 25	Amendment No 3
	Is it acceptable to offer cryovials of 2,0 ml capacity, 2D safe-coded	Technical specification		
27	LOT 1, item 4, Vertical laboratory refrigerator: Is it acceptable to offer extra-thick 70 mm energy- saving insulation, made from high-quality, compression-molded, and eco-friendly materials, as an alternative to the specified high-density water-blown polyurethane foam?	Technical specification	YES, it is acceptable to offer extra-thick 70 mm energy-saving insulation, made from high- quality, compression-molded, and eco-friendly materials	Clarification No 1
28	LOT 1, item 4, Vertical laboratory refrigerator: Is it acceptable to offer a mechanical pen-recording thermometer with two waxed paper strips as an alternative to the additional temperature control using a stainless steel probe immersed in an ethylene glycol solution?	Technical specification	The mechanical pen-recording thermometer with two waxed paper strips does not meet the needs of the End user for the BSL-3 laboratory. Therefore, Technical specification remains unchanged.	Clarification No 1
29	LOT 1, item 4 - Vertical laboratory refrigerator Is it acceptable for external dimensions to vary ± 15% (as is requirement for item no.3)	Technical specification	LOT 1, Item 4 - Vertical laboratory refrigerator – Request for variation in Max External dimensions now reads as follows: <i>"Dimensions have been given indicative and</i> <i>can vary for</i> ±15%"	Amendment No 3
30	LOT 1, item 5 - Vertical laboratory freezer Is it acceptable to propose extra-thick 70 mm energy- saving insulation, made from high-quality, compression-molded, and eco-friendly materials, as an alternative to the high-density water-blown polyurethane foam?	Technical specification	YES, it is acceptable to offer extra-thick 70 mm energy-saving insulation, made from high- quality, compression-molded, and eco-friendly materials	Clarification No 1

31	LOT 1, Item 5, Vertical laboratory freezer Is it acceptable to offer the devices of external dimensions: 1160 x 1070 x 2050 (mm)	Technical specification	LOT 1, Item 5 - Vertical laboratory freezer - Request for variation in External dimensions <i>is</i> <i>added</i> and now reads as follows: <i>"Dimensions have been given indicative and</i> <i>can vary for</i> $\pm 15\%$ "	Clarification No 1
32	LOT 1, Item 5, Vertical laboratory freezer Is it acceptable to offer the devices which has no battery back-up	Technical specification	Battery back-up is highly recommended for BSL-3 laboratory. Therefore, Technical specification remains unchanged	Clarification No 1
33	LOT 1, Item 5, Vertical laboratory freezer Requested temperature range: -35°C to - 20°C - is it acceptable to offer laboratory freezer with temperature range -35°C to -15°C?	Technical specification	Wider temperature range is acceptable.	Clarification No 1
34	LOT 1, Item 5, Vertical laboratory freezer Is it acceptable to offer product with external dimensions within: 1000x1000x2000mm, tolerance 5%	Technical specification	Please see answer provided in Item 31	Clarification No 1
35	LOT 1, Item 5, Vertical laboratory freezer Is it acceptable to offer product with operating temperature range -30 to -25°C or wider, given that set temperature is -30°C and it would allow for more participants.	Technical specification	Technical specification remains unchanged	Clarification No 1
36	LOT 1, Item 5, Vertical laboratory freezer Is it acceptable to offer product with capacity per shelf of least 35kg?	Technical specification	LOT 1, Item 5 - Vertical laboratory freezer – Request for capacity per shelve now reads as follows: " <i>capacity of at least 35 kg per shelf</i> "	Amendment No 3
37	LOT 1, Item 6, Centrifuge with cooling Requested temperature range: $-20^{\circ}$ C to $+40^{\circ}$ C – is acceptable to offer centrifuge with temperature range – $10^{\circ}$ C to - $40^{\circ}$ C?	Technical specification	Technical specification remains unchanged	Clarification No 1

38	LOT 1, Item 6, Centrifuge with cooling Is it acceptable to offer product with easily changeable rotor, regardless of specified way of doing change?	Technical specification	<ul> <li>YES, it is acceptable to offer product with easily changeable rotor, regardless of specified way of doing change.</li> <li>Please see added note:</li> <li><i>"NOTE: This centrifuge must be of a true biosafety type centrifuge:</i></li> <li><i>Tight rotors or tight tube holder or tight plate holder</i></li> <li><i>Transparent rotor or holder lid or cover or if not, the rotor or holder must be removable for</i></li> </ul>	Amendment No 3
39	LOT 1, Item 6, Centrifuge with cooling Is it acceptable to offer product with speed range 500- 15.000 rpm	Technical specification	<i>unloading in the BSC.</i> " LOT 1, Item 6 - Centrifuge with cooling – Request for Speed range now reads as follows: "- <i>Speed range: 500-15,000 rpm or wider</i> "	Amendment No 3
40	LOT 1, Item 6, Centrifuge with cooling Is it acceptable to offer rotors within 1% from required minimum RCF (g force)?	Technical specification	Technical specification remains unchanged	Clarification No 1
41	LOT 1, Item 9, Magnetic stirrer Is it acceptable to offer product with speed range 100- 1.500 RPM?	Technical specification	LOT 1, Item 9, Magnetic stirrer – Request for Speed now reads as follows: "- Speed 100 – 1,500 rpm"	Amendment No 3
42	LOT 1, Item 10: Wireless 24/7 Monitoring Solution for critical equipment parameters What recording frequency is needed? Is it acceptable to offer the 868 MHz	Technical specification	YES, it is acceptable	Clarification No 1
43	LOT 1, Item 10: Wireless 24/7 Monitoring Solution for critical equipment parameters What type of units will be monitored (refrigerators +5°C; freezers -20°C; incubators +37°C, etc.) and how many of each unit?	Technical specification	All temperature-controlled equipment in stated quantities under LOT 1 will be monitored.	Clarification No 1

44	LOT 1, Item 10: Wireless 24/7 Monitoring Solution for critical equipment parameters What is the temperature and humidity range?	Technical specification	Temperature and humidity range to cover all offered temperature-controlled equipment.	Clarification No 1
45	LOT 1, Item 10: Wireless 24/7 Monitoring Solution for critical equipment parameters Environmental Monitoring and Testing	Technical specification	Wireless 24/7 Monitoring Solution is for temperature-controlled equipment, not for environmental monitoring.	Clarification No 1
46	LOT 1, Item 10: Wireless 24/7 Monitoring Solution for critical equipment parameters How are the different enclosure arranged	Technical specification	Temperature-controlled equipment will be located in four separate spaces. Total surface area of BSL-3 laboratory is approximately 150 m2	Clarification No 1
47	LOT 1, Item 10: Wireless 24/7 Monitoring Solution for critical equipment parameters Is it acceptable to offer a remote screen on a tablet or phone	Technical specification	YES, it is acceptable	Clarification No 1
48	LOT 1, Item 12, Set of automatic pipettes: $1-10\mu$ L micro, $10-100\mu$ L, $100-1000\mu$ L Is it acceptable to offer the pipette from the set of the range 100-1000 $\mu$ L, which has an accuracy of $\pm 3\%$ per 100 $\mu$ L?	Technical specification	The offered accuracy does not meet the needs of the End user. Therefore, Technical specification remains unchanged	Clarification No 1
49	LOT 1, Item 13 Single channel variable pipette 2- 20 $\mu$ L Is it acceptable to offer the pipette with an accuracy of $\pm$ 5% at 2 $\mu$ L?	Technical specification	The offered accuracy does not meet the needs of the End user. Therefore, Technical specification remains unchanged	Clarification No 1
50	LOT 1, Item 14 Single-channel variable pipette 20- 200 $\mu$ L Is it acceptable to offer the pipette with an accuracy of $\pm 2.5\%$ at 20 $\mu$ L?	Technical specification	The offered accuracy does not meet the needs of the End user. Therefore, Technical specification remains unchanged	Clarification No 1

51	LOT 1, Item 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23: Is it acceptable to offer a manufacturer's warranty for a period of 2 years?	Technical specification	Kindly refer to Section VII - Schedule of Requirements, Technical specification under 9.1 and 9.2, and Detailed Technical Specifications and Standards for LOT 1 provided in Amendment 3.	Amendment No 3
52	LOT 1, Items 12, 13, 14, 15, 16, 17 and 18 Is it acceptable to offer 5 year warranty from the official local distributor who is in charge of aftersales support, since the Manufacturers are not directly involved in the purchasing procedure and tender	Technical specification	Please see answer provided in Item 51	Amendment No 3
53	LOT 1, Item 22, 8-ch Electronic space adjustable pipette 10-300uL: Is it acceptable to offer an 8-channel electronic space adjustable pipette with a volume 15-300uL, since it's a minimal difference according to the requested volume range	Technical specification	The offered volume does not meet the needs of the End user. Therefore, Technical specification remains unchanged	Clarification No 1
54	LOT 1, Item 22, 8-ch Electronic space adjustable pipette 10-300uL: Is it acceptable to offer an 8-channel electronic pipette with adjustable tip spacing from 9 mm to 14 mm, since it's a minimal difference according to the requested range	Technical specification	The offered adjustable tip spacing does not meet the needs of the End user. Therefore, Technical specification remains unchanged	Clarification No 1
55	LOT 2, Item 1 - Semi-motorized research inverted microscope Regarding illumination column with lamp housing, do you need 30 inclination angle tilting mechanism, since it is crucial and safer to tilt column on back side when you're placing the sample?	Technical specification	Technical specification remains unchanged	Clarification No 1

56	LOT 2, Item 1 - Semi-motorized research inverted microscope	Technical	Technical specification remains unchanged	Clarification No 1
	Please define if the condenser movement range of 88mm or more is needed?	specification		
57	LOT 2, Item 1 - Semi-motorized research inverted microscope Since the inclination angle 350-85 0 of tilting observation tube is crucial for ergonomic workflow, observer body position and, in some cases, observer even needs to stand during the experiment, should tilting observation tube with inclination angle of 35- 850 or more be included into configuration of the microscope?	Technical specification	Technical specification remains unchanged	Clarification No 1
58	LOT 2, Item 1 - Semi-motorized research inverted microscope Regarding motorized $x/y/z$ stage, should the resolution of 0.01um or better, which is very important for precise movement, be included into configuration of the microscope?	Technical specification	Technical specification remains unchanged	Clarification No 1
59	LOT 2, Item 1, Semi-Motorized Research inverted microscope Is it acceptable to offer an Inverted microscope with Light path selection: 20% for observation light path, and 80% for camera port, since the requested 50% for observation light path, 50% for camera port are related to a specific brand of microscope	Technical specification	LOT 2, Item 1, Semi-Motorized Research inverted microscope – Requested Light path selection for observation light path and for camera port (under 2.) now reads as follows: "2. 20-50% for observation light path, 50-80% for camera port"	Amendment No 3
60	LOT 2, Item 1, Semi-Motorized Research inverted microscope Is it acceptable, besides the Illumination halogen bulb 100W, to offer an equivalent LED Illumination system instead	Technical specification	Technical specification remains unchanged	Clarification No 1

61	LOT 2, Item 2 - Semi-motorized research inverted microscope with fluorescence		Technical specification remains unchanged	Clarification No 1
	Regarding illumination column with lamp housing, do you need 300 inclination angle tilting mechanism, since it is crucial and safer to tilt column on back side when you're placing the sample?	Technical specification		
62	LOT 2, Item 2 - Semi-motorized research inverted microscope with fluorescence	Technical	Technical specification remains unchanged	Clarification No 1
	Please define if the condenser movement range of 88mm or more is needed?	specification		
63	LOT 2, Item 2 - Semi-motorized research inverted microscope with fluorescence		Technical specification remains unchanged	Clarification No 1
	Since the inclination angle 350-850 of tilting observation tube is crucial for ergonomic workflow, observer body position and, in some cases, observer even needs to stand during the experiment, should tilting observation tube with inclination angle of 35-85 0 or more be included into configuration of the microscope?	Technical specification		
64	LOT 2, Item 2 - Semi-motorized research inverted microscope with fluorescence		Technical specification remains unchanged	Clarification No 1
	Regarding motorized $x/y/z$ stage, should the resolution of 0.01um or better, which is very important for precise movement, be included into configuration of the microscope?	Technical specification		
65	LOT 2, Item 2 - Semi-motorized research inverted microscope with fluorescence	Technical specification	Technical specification remains unchanged	Clarification No 1

	Since the burner life time is crucial for the long life, stability and lower maintenance of the system, should we include the LED fluorescence excitation light source with life expectance 25.000 hours or more?			
66	LOT 2, Item 3 - Motorized upright microscope with fluorescence		Technical specification remains unchanged	Clarification No 1
	Since precise and fast movement of focusing mechanism is crucial, should the resolution of 0.01um or better and revolving nosepiece speed of 5mm/sec be included into the microscope configuration?	Technical specification		
67	LOT 2, Item 3 - Motorized upright microscope with fluorescence Since the inclination angle 5 0-35 0 of tilting observation tube is crucial for ergonomic workflow and observer body position during the experiment, should tilting observation tube with inclination angle of 5-350 or more be included into configuration of the microscope?	Technical specification	Technical specification remains unchanged	Clarification No 1
68	LOT 2, Item 3 - Motorized upright microscope with fluorescence Is it acceptable to offer plan semi apochromat objective with NA 0.75 and working distance 0.51mm? Compared to requested objective characteristics (min NA 0.60 and min working distance 1.9mm), objective we are proposing with NA 0.75 and working distance 0.51mm is better objective with higher resolution due to higher NA value and working distance has no significance here, especially in case of upright microscope where regular glass slides are used.	Technical specification	YES, it is acceptable.	Clarification No 1

69	LOT 2, Item 3 - Motorized upright microscope with fluorescence Since the burner life time is crucial for the long life, stability and lower maintenance of the system, should we include the LED fluorescence excitation light source with life expectance 25.000 hours or more?	Technical specification	Technical specification remains unchanged	Clarification No 1
70	LOT 2, Item 3 - Motorized upright microscope with fluorescence Regarding motorized x/y stage, should the resolution of 0.01um, which is very important for precise movement, be included into configuration of the microscope?	Technical specification	Technical specification remains unchanged	Clarification No 1
71	LOT 2, Item 3, Motorized upright microscope with fluorescence Is it acceptable, besides "Focusing mechanism: sample is focused using the motorized nosepiece, up-down movement by cross-roller guide, enabling the stage to be fixed for added stability", to offer a motorized nosepiece in combination with a focusing stage with a precise built-in linear encoder	Technical specification	Technical specification remains unchanged	Clarification No 1
72	LOT 2, Item 3, Motorized upright microscope with fluorescence Is it acceptable, besides "3 position light path selection: Binocular 100%, Binocular 50% - Camera 50%, Camera 100%", to offer Light path selection: 1) 3-way fixed, 2) tilting 100%:0/0:100% or 3) tilting 100%:0/50%:50%	Technical specification	Technical specification remains unchanged	Clarification No 1

73	LOT 2: Microscopes, all items:		Technical specification remains unchanged	Clarification No 1
	Is LED light acceptable instead of Halogen Light?	Technical specification		
74	<ul> <li>LOT 3, Item 1, Next generation sequencing platform</li> <li>Question: Regarding this part of technical specification:</li> <li>Device dimension for sequencing unit and following devices: maximum two tables, each W x D, 200 cm x 150 cm.</li> <li>Can you please clarify if it necessary to include laboratory tables for offered equipment?</li> </ul>	Technical specification	Instrument is very sensitive to vibrations. Therefore, it is necessary to include adequate laboratory tables for offered equipment. Technical specification is changed for LOT 3, Item 1, Next generation sequencing platform - Request for Adequate laboratory tables <i>is</i> <i>added</i> and now reads as follows: <i>"Adequate laboratory tables for offered</i> <i>equipment must be included"</i>	Amendment No 3
75	LOT 3, Item 1, Next generation sequencing platform Is Ion Torrent technology acceptable for you?	Technical specification	Technical specification remains unchanged	Clarification No 1
76	LOT 3, Item 1, Next generation sequencing platform Is it acceptable to offer an NGS device based on SBB technology (PacBio technology)?	Technical specification	Technical specification remains unchanged	Clarification No 1
77	Is it acceptable to include the Q Score parameter in the specification, as it defines the quality of the sequence, specifically the accuracy of base calling (the probability of incorrectly calling or reading a base during sequencing)?	Technical specification	Technical specification remains unchanged	Clarification No 1

78	LOT 3, Item 1, Next generation sequencing platform	Technical	Technical specification remains unchanged	Clarification No 1
		specification		
	In this LOT, it is not clear what the subject of			
	procurement is, for one single device it is require 3			
	different technologies with complitely different price			
	level, capacity and performance possibility or the			
	subject of procurement are 3 instruments?			
	Instrument specification requirements must be the			
	same for all technologies (SBS, semiconductor and			
	DNA nanoballs), e.g. it is unacceptable for one			
	technology to require Number of reads: 600M and			
	120Gb output, and for another technology to require			
	Number of reads 80M and 10-15Gb output. Based on			
	the different requirements for different technologies,			
	the providers are put in a situation where they do not			
	offer instruments of the same class, the same			
	capacities and the same price range.			
	The requirements such as number of reads, read			
	length, amount of data generated during one run,			
	duration of one run as well as all other			
	parameters/specifications must be uniform regardless			
	of the technology on which the instrument is based. In			
	this way, it is clearly defined what specifications the			
	instrument should have and these requirements should			
	apply to all technologies.			
	The technical features for 3 completely different			
	devices are requested, there is no device on the market			
	that can meets all the requested features.			
	Requirements for handling of reagents and sample			
	loading are defined only for instruments that work on			
	SBS technology and not for other technologies. It is			
	essential that there is one requirement for all			
	technologies mentioned in the requirements.			

	The general conclusion is that it is necessary that the requirements/specifications for the required instrument must be uniform and unique regardless of the technology. It is mandatory to clarify what is the subject of procurement in LOT 3			
79	Is it sufficient in the Bid Securing Declaration to submit a statement guaranteeing that a financial Bank Guarantee will be provided in the event of a contract award?	Tender document	<ul> <li>Please refer to:</li> <li>ITB 19.1 "A Bid-Securing Declaration shall be required.</li> <li>A Bid Security shall not be required."</li> <li>ITB 19.2: A Bid Securing Declaration shall use the form included in Section IV, Bidding Forms.</li> </ul>	Clarification No 1
80	LOT 1: Please consider the possibility of splitting LOT 1 into several lots grouped by equipment with the same purpose. We consider that the LOTS 1, 2 and 3 are not following the same criteria. LOT 1 is related to Various laboratory equipment (laboratory (CO2) incubator, laboratory freezer, laboratory refrigerator, centrifuges, magnetic stirrer, various sets of automatic pipettes, etc.) ,while LOT 2 is related to microscopes only, and LOT 3 to Next generation sequencing platform. In accordance with the Law on Public Procurement of the Republic of Serbia, which obliges the contracting authority to enable as much competition as possible in the Public Procurement procedure, by placing in LOT 1 equipment of different purposes, you have limited the possibility of submitting offers from a larger number of bidders.	Tender document	Kindly note that this procurement bidding is subject to World Bank's "Procurement Regulations for IPF Borrowers" July 2016, Revised November 2017 and August 2018 ("Procurement Regulations") as stated in SPN. Tender document remains unchanged.	Clarification No 1

81	The tender documentation specifies that for items classified as medical devices, it is required to submit	Tender document	Please refer to:	Clarification No 1
	the registration from the Medicines and Medical Devices Agency, while for goods that are not medical		- 3.1 Qualification Criteria (ITB 37.1) (a) and (b) (for all 3 Lots):	
	devices, an opinion from ALIMS is needed. Is it		(iii) Documentary Evidence	
	necessary to provide both the registration and the opinion for all items across all three LOTs, or can the registration alone be submitted for goods that fall under the medical devices category?		• "All offered medical equipment shall poses copy(ies) of documentation (license) of current and/or valid registration in Medicines and Medical Devices Agency of Serbia (ALIMS) <b>and/or</b> Expert opinions of ALIMS regarding offered medical equipment."	
			- ITB 11.1 (j):	
			<ul> <li>"(f) For offered medical devices, it is necessary to submit certified copies of documentation (licence) of current, valid registration in <i>Medicines and Medical Devices Agency of Serbia</i> (ALIMS). Suppose registration for offered medical device or equipment is issued to another legal entity, the bidder must submit statement that he will obtain such authorization from the legal entity that poses such registration;</li> <li>For offered Goods that are not medical devices, it is necessary to submit Expert opinions of</li> </ul>	
82	Is it mandatory for the company participating as a	Tender	ALIMS regarding offered medical equipment."	Clarification No 1
02	bidder to employ service technicians with a minimum	document	Please refer to:	
	of 5 years of work experience, or does this reference mean that the company (or hidder) has been providing		- 3.1 Qualification Criteria (ITB 37.1) (a) and (b) (for all 3 Lots):	
	service for at least 5 years?		(ii) Experience and Technical Capacity	

			(ii.2): "Documentary evidence <sup>1</sup> that established a service/maintenance/company (hereinafter: the Services), supplied with original spare parts and staffed with the manufacturers' licensed professionals. Such maintenance company (the Services) can be <b>owned/established by the</b> <b>Supplier or under the contract with the</b> <b>Supplier;</b> however, it must be working successfully for at least five (5) years (2019 – 2023). The Services must be confirmed by the equipment's manufacturer"	
83	Is it sufficient to submit only the service technician certificates from the manufacturer, along with the M form, without including the CV and diploma?	Tender document	All required documents should be provided.	Clarification No 1
84	The tender documentation states that for each LOT, a contract from the past 5 years is required. Does this contract need to be a single one, or can it consist of multiple combined contracts?	Tender document	As stated in TD similar contract is a single contract, multiple combined contracts are not acceptable.	Clarification No 1
85	Is it required to submit a bid security instrument when submitting the offer?	Tender document	Please refer to answer item 79 of the Clarification No 1.	Clarification No 1

Please confirm that you have received these Clarifications.

Sincerely,

Serbia Emergency COVID-19 Response Project

<sup>&</sup>lt;sup>1</sup> The Bidder will provide a statement and it will include copies of original documents defining the constitution or legal status of the Service facility, place of registration, and principal place of business, the exact address of the Service facility, all necessary details about the number of personnel and their qualifications (including the copies of training certificates and/or licenses issued by the manufacturer to personnel employed at the Service Facility).