

RFB No: *AF EIP ICB-1.5.1.1*

Project: *ADDITIONAL FINANCING FOR “EDUCATION IMPROVEMENT PROJECT”*

Purchaser: *Center for Education Projects PIU SA*

Country: *Armenia*

CLARIFICATION NO. 3, answers to questions received on 4 April 2023

No	Question	Answer															
1.	<p>List of Related Services and Completion Schedule – Lot 1-7 and GCC 26.01 <i>Inspection on correspondence to the Technical Specifications offered in the Supplier's Bid (Conformity to the Technical Specifications) and on physical conditions (Defects and Damages Inspection) at the premises of the Supplier before delivery to the final destination points for the five sample.</i></p> <p>Can you kindly clarify which samples will be inspected during this phase.</p>	<p>Samples will be selected randomly, five random samples will be selected for each product line.</p>															
2.	<p>Lot 3: Accessories and appliance for Biology and Chemistry Laboratories Items:</p> <table border="1" data-bbox="280 1216 842 1731"><tbody><tr><td data-bbox="280 1216 344 1384">91.</td><td data-bbox="344 1216 456 1384">Silicone hose</td><td data-bbox="456 1216 667 1384">6 mm /the inside diameter of the cross-section of the hose/</td><td data-bbox="667 1216 746 1384">No</td><td data-bbox="746 1216 842 1384">1780</td></tr><tr><td data-bbox="280 1384 344 1552">92.</td><td data-bbox="344 1384 456 1552">Silicone hose</td><td data-bbox="456 1384 667 1552">2 mm /the inside diameter of the cross-section of the hose/</td><td data-bbox="667 1384 746 1552">No</td><td data-bbox="746 1384 842 1552">1780</td></tr><tr><td data-bbox="280 1552 344 1731">93.</td><td data-bbox="344 1552 456 1731">Silicone Vacuum Hose</td><td data-bbox="456 1552 667 1731">5 mm /the inside diameter of the cross-section of the hose/</td><td data-bbox="667 1552 746 1731">No</td><td data-bbox="746 1552 842 1731">890</td></tr></tbody></table> <p>Can you kindly inform us about the length of the tube required and the outside diameter or thickness of the tube wall?</p>	91.	Silicone hose	6 mm /the inside diameter of the cross-section of the hose/	No	1780	92.	Silicone hose	2 mm /the inside diameter of the cross-section of the hose/	No	1780	93.	Silicone Vacuum Hose	5 mm /the inside diameter of the cross-section of the hose/	No	890	<p>Please see below:</p> <p>N 91 outside diameter of the tube 7 ± 10 mm</p> <p>N 92 thickness of the tube wall 1,5 mm</p> <p>N 93 outside diameter of the tube 6 ± 10 mm</p>
91.	Silicone hose	6 mm /the inside diameter of the cross-section of the hose/	No	1780													
92.	Silicone hose	2 mm /the inside diameter of the cross-section of the hose/	No	1780													
93.	Silicone Vacuum Hose	5 mm /the inside diameter of the cross-section of the hose/	No	890													

RFB No: *AF EIP ICB-1.5.1.1*

Project: *ADDITIONAL FINANCING FOR “EDUCATION IMPROVEMENT PROJECT”*

Purchaser: *Center for Education Projects PIU SA*

Country: *Armenia*

CLARIFICATION NO. 4, answers to questions received on 4 April 2023

Lot 1: Biology and Chemistry Laboratory Equipment

Line Item N°	Description of Goods			Total quantity	QUESTIONS	ANSWERS
	Name	Technical Specifications and Standards	Availability of the Manufacturer Authorization Form/ (Yes/No)			
3.	Binocular Microscope	Brightfield, binocular with double layer stage; objectives 4x, 10x, 40x, 100x Illumination: Light source type: white LED; with light intensity control Focusing: Coaxial coarse and fine focusing mechanism (graduated, 0.002 mm) with upper stop, to prevent the contact between objective and specimen. Adjustable tension of coarse focusing knob. Stage: Double layer with mechanical sliding	Yes	990	<p>item #3 includes the Eyepiece reticule- 10x Stage micrometer. This is the same as items #4 and #6. Is it dubbing or separate extra positions?</p> <p>Please confirm that a binocular head angle of 45 degrees is a valid equivalent to a head angle of 30 degrees? Head angle of 45 degrees provides better functionality.</p> <p>Do we understand correctly that the main functional purpose of the device is to use it to carry out the experiments necessary in the Armenian school curriculum. And if the device will have a slight difference in color or size, but perform the necessary function, then it will be</p>	<p>It is not an extra position- the stage micrometer and eyepiece reticle should be compatible with the microscope in item #3.</p> <p>Yes, 45 degrees is acceptable equivalent.</p> <p>Yes long, as the microscope exhibits full functionality, the slight differences in color and the size are not important.</p>

		stage, size approx. 125 x 116 mm, X-Y movement range approx. 76 x 30. Specimen holder for one slide. Vernier scale on the two axes, accuracy 0,1 mm. Nosepiece: Quadruple revolving nosepiece Head Binocular observation head, inclined 30° and rotatable 360°. Diopter adjustment on left eyepiece. Interpupillary adjustment approx. 48 - 75 mm Eyepieces. Widefield eyepieces WF10X/18 with field number 18 mm. Condenser: Abbe condenser, N.A. 1.25 precentered. Instruction manual and dust cover shall be included. Shall include: - the Eyepiece reticule- 10x - Stage micrometer			considered a complete analogue?	
4.	Eyepiece reticule	Compatible with Binocular microscope, 10x	No	990	See item #3 question	The item should be removed, and the appropriate amendments are made in the bidding documents (please see attached)
6.	Stage micrometer	For binocular microscope	No	803	See item #3 question	The appropriate amendments are made in the bidding documents (please see attached)
8.	Classroom DNA	Complete Electrophoresis	Yes	83	item #8 includes Gel electrophoresis kit- for	Yes, it is the same item- the provided kit shall be

	Electrophoresis Lab Station	<p>system</p> <p>1. Electrophoresis Apparatus-UV-transparent bottom, 2 comb positions, gel size 10 x 10 cm; made of UV and chemical resistant Plexiglas; Including safety plug with integrated power connections and comb with 12 pockets.</p> <p>2. Electrophoresis Power supply- Stabilized power supply for both DNA and protein separation. Adjustable output voltage, timer with alarm function, two outputs for connecting of at least 2 electrophoresis chambers simultaneously. Max. output voltage: 300 Volt (in 50 Volt stages), Max. output current: 400 mA, Max. power consumption: 60 Watt, Input voltage: 100 – 240 Volt, AC. Timer function: 1-999 min. with alarm function,</p> <p>3. Gel visualization system Gel electrophoresis kit- for at least 8 groups</p>			<p>at least 8 groups. This is the same as items #9. Is it dubbing or separate extra positions?</p> <p>Do we understand correctly that the main functional purpose of the device is to use it to carry out the experiments necessary in the Armenian school curriculum. And if the device will have a slight difference in color or size, but perform the necessary function, then it will be considered a complete analogue?</p>	<p>compatible with DNA Electrophoresis Lab Station.</p> <p>Yes, as long as the provided apparatus is compatible with commonly available ready-made gel sizes and classroom electrophoresis kits.</p>
9.	Gel electrophoresis	Compatible with gel visualization unit of	Yes	83	see #8 question there are no size	The item should be removed, and the appropriate amendments

	kit	electrophoresis system, for at least 8 groups of students			<p>requirements for this item 9. Can we presume that the size is not critical here unless the offered product provides overall functionality?</p> <p>Do we understand correctly that the main functional purpose of the device is to use it to carry out the experiments necessary in the Armenian school curriculum. And if the device will have a slight difference in color or size, but perform the necessary function, then it will be considered a complete analogue?</p>	are made in the bidding documents (please see attached)
14	Biology data collection and graphing set	<ul style="list-style-type: none"> • LabQuest 3 • Stainless Steel Temperature Probe • Go Wireless® Heart Rate • Go Direct® Gas Pressure Sensor • Go Direct® CO2 Gas Sensor • Go Direct® O2 Gas Sensor • Go Direct® Conductivity Probe • Go Direct® pH Sensor • Colorimeter • Go Direct® Optical Dissolved Oxygen Probe • Go Direct® EKG Sensor • BioChamber 250 • BioChamber 2000 • Go Direct® Respiration Belt or equivalent set 	Yes	83	<p>Items 23-46 have manufacturers' trademarks such as LabQuest 3, Go Wireless®, Go Direct®, and SpectroVis® that belong to Vernier manufacturer.</p> <p>- Do we understand correctly that if we offer an equivalent set, then in the correspondence table we indicate the names of the manufacturer whose solution we offer?</p> <p>- Do we understand correctly that the phrase ""equivalent set"" implies the ability to provide an alternative set of sensors from another manufacturer (different from Vernier), and the equivalence criterion is the ability to conduct a similar number of digital experiments."</p>	<p>Yes, you should provide full details to show that the offered set can provide the desired functionality.</p> <p>Yes, the "equivalent set" should enable all listed measurements and functionality, including mobility etc.</p>

Lot 3: Accessories and appliance for Biology and Chemistry Laboratories

Line Item N°	Description of Goods			Total quantity	QUESTIONS	ANSWERS
	Name	Technical Specifications and Standards	Availability of the Manufacturer Authorization Form (Yes/No)			
34.	Laminated poster, cells	At least 585x890 mm, prokaryotic, animal and plant cell structures	No	100	Confirm that the posters must be in Armenian	Yes, all posters should be in Armenian
35.	Laminated poster, Evolution Tree of Life Poster	At least 585x890 mm, shall show evolution tree of life, laminated	No	100	Confirm that the posters must be in Armenian	Yes, all posters should be in Armenian
36.	Laminated poster, plant structure and processes	At least 585x890 mm, shall show plant structure and processes	No	100	Confirm that the posters must be in Armenian	Yes, all posters should be in Armenian
37.	Laminated poster, protist diversity	At least 585x890 mm, shall show protist diversity	No	100	Confirm that the posters must be in Armenian	Yes, all posters should be in Armenian
53.	Photosynthesis kit	For Introductory school investigations of photosynthesis, for at least 8 groups of students	Yes	83	Photosynthesis kit includes phrase "for at least 8 groups of students". Does it mean 8 separate sets for Photosynthesis in one kit and total number of sets is 664 (8 sets x83 kits)?	One set should be enough for 8 groups of students to carry out an experiment. Total number of sets should be 83.

69.	Test Tube Stands	23 mm, 10-12 Place/Holes	No	2136	can we propose Wooden Tube Stands?	No, tube stands should be made of durable plastic.
123	Silicone insulated stranded wires	5 different color, 28AWG	No	4450	Is the requirements to this item correct?	Yes, the requirements of this item, are correct

Lot 5: Geography Laboratory Equipment

No	Name	Description of Goods			QUESTIONS	ANSWER
		Technical Specifications and Standards	Availability of the Manufacturer Authorization Form (Yes/No)	Total quantity		
2.	School meteorological stationary	<p>The school weather station should be wireless, have indoor and outdoor temperature and humidity, atmospheric pressure, light, UV radiation, wind speed and direction, dew point, precipitation measuring and recording devices, large color LCD display and built-in large capacity storage function.</p> <p>A set of training tools for meteorological observations: outdoor temperature (-30 - +65°C), outdoor humidity (0-99%rh), rainfall (0-9999 mm), wind speed (0-50m/s), illumination (0-400k Lu), indoor temperature (-10 - +60°C), indoor humidity (0-99%RH), barometric pressure (300-1100hPa), console (5V DC adapter), indoor sensor (2*AAA alkaline batteries), outdoor sensor (3*AA rechargeable batteries), transmission distance in open field 100 m,</p>	Yes	100	<p>Parameters which are required for indoor and outdoor temperatures and humidity exceed statistically-proved highs and lows registered in Armenia.</p> <p>Experiments and weather observations can only be performed within real weather conditions and officially permitted (by government education authorities) min. and max. temperature/humidity levels. This presupposes a narrower measuring span.</p> <p>Do we understand correctly that the main functional purpose of the device is to use it to carry out the experiments necessary in the Armenian school curriculum. And if the device will have a</p>	Based on the climatic characteristics of Armenia and the requirements of the standard of general education, the technical parameters of the school meteorological stationary were determined. The school meteorological stationary must fully comply with the requirements and standards presented in the technical description.

		communication frequency 433 MHz / 868 MHz / 915 MHz (optional), measuring interval outdoor sensor approx. 16s, measuring interval indoor sensor approx. 64s, alarm duration approx. 120s.			slight difference in color or size, but perform the necessary function, then it will be considered a complete analogue?	
--	--	--	--	--	---	--

Lot 6: Physics Laboratory Accessories

	Description of Goods			Total quantity	QUESTIONS	Answer
	Name	Technical Specifications and Standards	Availabi lity of the Manufa cturer Authori zation Form/ (Yes/No)			
21.	Wallpaper: SI system units	A0-841x1189 mm. Colorful, laminated, with wall hanging.	No	100	Confirm that the posters must be in Armenian	The posters must be in Armenian
22.	Wallpaper: Dependence of the resistance of the conductor on temperature	A1-594x841 mm. Colorful, laminated, with wall hanging.	No	100	Confirm that the posters must be in Armenian	The posters must be in Armenian
23.	Wallpaper: Electromagneti c induction	A1-594x841 mm. Colorful, laminated, with wall hanging.	No	100	Confirm that the posters must be in Armenian	The posters must be in Armenian
24.	Wallpaper: Resistance: Ohm's law	A1-594x841 mm. Colorful, laminated, with wall hanging.	No	100	Confirm that the posters must be in Armenian	The posters must be in Armenian

25.	Wallpaper: Induced electromotive force (EMF) of the moving conductor	A1-594x841 mm. Colorful, laminated, with wall hanging.	No	100	Confirm that the posters must be in Armenian	The posters must be in Armenian
26.	Wallpaper: Electric current: Amount of current	A1-594x841 mm. Colorful, laminated, with wall hanging.	No	100	Confirm that the posters must be in Armenian	The posters must be in Armenian
27.	Wallpaper: Inductance and self induction	A1-594x841 mm. Colorful, laminated, with wall hanging.	No	100	Confirm that the posters must be in Armenian	The posters must be in Armenian
28.	Wallpaper: Electromagneti c field	A1-594x841 mm. Colorful, laminated, with wall hanging.	No	100	Confirm that the posters must be in Armenian	The posters must be in Armenian
29.	Wallpaper: Ohm's law for the closed circuit: EMF	A1-594x841 mm. Colorful, laminated, with wall hanging.	No	100	Confirm that the posters must be in Armenian	The posters must be in Armenian

Lot:7 Physics Laboratory Equipment

Line Item N°	Description of Goods			Total quant ity	QUESTION S	Answer
	Name	Technical Specifications and Standards	Avail abilit y of the Manu factur er Autho rizati on Form/ (Yes/ No)			
2.	Air Track	Track with triangular profile with small holes for air outflow set in two lines along	Yes	83	Do we understand correctly that the main functional	The main functional aim of the mentioned

		<p>the track (distance between the holes for air outflow - at least 24 mm). With riders for investigating frictionless linear motion, with A millimeter rule one side. On a robust U-shaped base, with three adjustable feet for levelling. Made of Anodized aluminum.</p> <p>Dimension: track - at least 2 m long. Working length: at least 1.90 m long and at least 94 mm wide. The sides of triangle - at least 67 mm long.</p> <p>Thickness of walls: 3 mm, Contents - at least: 1 Air track on base, 2 Gliders 300 g (red) with additional 50 g weights, spring buffers for elastic collisions and velcro strip for inelastic collisions, 3 Helical springs, 50 mm, 1.7 N/m, 2 Velocity flags, 10 cm, 2 Magnets for contactless impact, 1 English manual for the air track.</p>			<p>purpose of the device is to use it to carry out the experiments necessary in the Armenian school curriculum. And if the device will have a slight difference in color or size, but perform the necessary function, then it will be considered a complete analogue.</p>	<p>device is to use it for experiments necessary in the Armenian school curriculum. The main points are purposed functionality and structure. Thus, if the device will have a slight difference in color or size, but perform the necessary function, it will be considered a complete analog. On the other hand, the size of the device can't be bigger significantly than the given one, taking into account the classroom or laboratory area.</p>
4.	Gravity lab	<p>Integral Vibration Sensor in Base Unit</p> <p>Release Clamp</p> <p>12 mm Ball Bearing</p> <p>8 mm Ball Bearing</p> <p>Swivel Clamp Holder (The swivel clamp is made from plated steel and features two clamps. One clamp can be locked in any position and shall be rotated 360° along its axis. The swivel clamp shall accept rods up to 3/4" diameter (19 mm) s Length 4.5").</p> <p>Ring stand (13 cm x 20.3 cm Base, 50.8 cm Rod)</p> <p>Milisecond timer (has a clear, 4-digit LED display. Three sockets provide START and STOP inputs. A single switch</p>	Yes	100	<p>Do we understand correctly that the main functional purpose of the device is to use it to carry out the experiments necessary in the Armenian school curriculum. And if the device will have a slight difference in color or size, but perform the necessary function, then it will be considered a complete analogue.</p>	<p>The main functional aim of the mentioned device is to use it for experiments necessary in the Armenian school curriculum. The main points are purposed functionality and structure. Thus, if the device will have a slight difference in color or size, but perform the necessary function, it will be considered a complete analog.</p>

		changes the timer from GATE 1 start and stop to GATE 1 start, GATE 2 stop. The timer shall have millisecond resolution for times up to 10 seconds and then the display auto-ranges for longer periods up to 9999s with corresponding reduced resolution. 5V DC power supply and instructions included).				On the other hand, the size of the device can't be different significantly from the given one.
5.	Timer with two photogates	<p>Timer, Two Photogates with cords, AC adaptor. Built-in infrared light. Possibility to be operated in internal and external modes. Shall include at least operational indicator light, stand rod with screw thread, bolt for attachment to a roller track and connector lead with 8 pin mini DIN plugs. Barrier spacing: approx. 82 mm Rise time: not more than 60 ns Spatial resolution: < 1 mm Time resolution: not less than 0.1 ms.</p>	Yes	100	Do we understand correctly that the main functional purpose of the device is to use it to carry out the experiments necessary in the Armenian school curriculum. And if the device will have a slight difference in color or size, but perform the necessary function, then it will be considered a complete analogue.	The main functional aim of the mentioned device is to use it for experiments necessary in the Armenian school curriculum. The main points are purposed functionality and structure. Thus, if the device will have a slight difference in color or size, but perform the necessary function, it will be considered a complete analogue. On the other hand, the size of the device can't be different significantly from the given one.
6.	Digital Timer	Quartz crystal, 0.65 microsecond internal resolution, 0.0001 second display resolution.	Yes	356	0.0001 second display resolution is very rarely used in everyday circumstances. Confirm that 0.01 second display resolution is a	It will be better to propose the timer with resolution 0.0001 but 0.01 second display resolution is a valid equivalent.

					valid equivalent. The functionality for school purposes remains unchanged.	
9.	Car and Ramp Lab	Approx. 120 cm aluminum track with attachment grooves and tire guide grooves, car w/ball bearing wheels, spring and magnetic bumpers, weights 50 g, 100g, inclinometer, pulley and string.	Yes	83	Do we understand correctly that the main functional purpose of the device is to use it to carry out the experiments necessary in the Armenian school curriculum. And if the device will have a slight difference in color or size, but perform the necessary function, then it will be considered a complete analogue.	The main functional aim of the mentioned device is to use it for experiments necessary in the Armenian school curriculum. The main points are purposed functionality and structure. Thus, if the device will have a slight difference in color or size, but perform the necessary function, it will be considered a complete analog. On the other hand, the size of the device can't be different significantly from the given one.
19.	Digital balance	1 mg readability, max capacity 3 kg, min weight 1,2 g	Yes	178	After analyzing the Armenian school curriculum, we came to the conclusion that an accuracy of up to 0.01 g is sufficient to carry out school experiments. Please confirm that this resolution will be enough for school	The resolution of digital balance must be 0.001g.

					purpose.	
22	Aneroid Barometer	Measuring range: 760-1050hPa.	No	100	<p>The measuring range seems to consist of two different parameters:</p> <ul style="list-style-type: none"> - Lower (760) is related to millimeters of mercury - Higher (1050) is connected with kPa metrics. <p>Could you please clarify the case?</p>	The pressure range is given expressed by hPa (hectopascal, 1 hPa=100 Pa).
62.	Pascal's Demonstrator	Pascal's Demonstrator shall consist of a vertical glass bulb about 3.5 cm in diameter with small openings along one circumference and a branch tube containing a tight-fitting piston.	No	17	We propose to replace the glass sphere with a plastic one as a safer analogue for education purpose. The functionality remains unchanged.	Instead of glass sphere the plastics transparent one can be proposed.
70.	Rotating System on Air Bed	<p>1 Air bed 1 Rotating disc with cross bar 1 Multiple pulley 1 Release mechanism 2 S-shaped hooks 1.00g 1 S-shaped hook 2.00 g 1 Set of weights (2x 12.5 g, 2x 25 g, 2x 50 g) 1 Airflow generator (Compressor) for connection to mains 1 Silicon tubing with by-pass valve 1 Pulley</p>	Yes	83	Do we understand correctly that the main functional purpose of the device is to use it to carry out the experiments necessary in the Armenian school curriculum. And if the device will have a slight difference in color or size, but	The main functional aim of the mentioned device is to use it for experiments necessary in the Armenian school curriculum. The main points are purposed functionality and structure. Thus, if the device will have a slight

		<p>1 Stand rod with 3 securing screws and 2 screws for levelling 1 Stand rod with 2 securing screws 1 Stand rod, approx. 250 mm 1 Levelling disc 1 Roll of cotton thread</p> <p>Specifications:</p> <ul style="list-style-type: none"> • Protractor scale: 0 – 360° • Scale divisions: 1° • Moment of inertia of disc with cross bar: 0.16 g m² approx. • Maximum moment of inertia: 7.1 g m² approx. • Minimum driving torque: 0.05 mN m approx. <p>Maximum driving torque: 0.60 mN m approx.</p>			perform the necessary function, then it will be considered a complete analogue.	difference in color or size, but perform the necessary function, it will be considered a complete analogue. On the other hand, the size of the device can't be different significantly from the given one, taking into account the classroom or laboratory area.
71.	Atwood's machine	<p>An Atwood machine consists of set of loads, hanger, rings with couplings attaching to a string draped over a pulley. Both the string and pulley shall be massless and the pulley shall be frictionless. Pulley shall be attached to the vertical base. Photogate with timer shall be available to record the machine's motion.</p> <ul style="list-style-type: none"> . Photogate: Photogate Head with cable . Pulley: . Mounting rod: stainless steel mounting rod . Table Clamp: can hold rods that can be mounted either horizontally or vertically . Multi clamp with two thumb screws: . Fits rods . rod: non-threaded stainless steel rod . Braided String 	Yes	100	Do we understand correctly that the main functional purpose of the device is to use it to carry out the experiments necessary in the Armenian school curriculum. And if the device will have a slight difference in color or size, but perform the necessary function, then it will be considered a complete analogue.	The main functional aim of the mentioned device is to use it for experiments necessary in the Armenian school curriculum. The main points are purposed functionality and structure. On the other hand, the size of the device are not mentioned, only the mass of load and hanger set is given.

		. Mass and hanger set includes 4x Mass hanger (5.0 g), 3x 100 g mass, 3x 50 g mass, 2x 20 g mass, 2x 10 g mass, 3x 5.0 g mass, 3x 2.0 g mass, 3x 1.0 g mass, 3x 0.5 g mass.				
--	--	--	--	--	--	--

Questions Regarding the qualification requirements

		Question	Answer
16.1	The documentary evidence may be in the form of literature, drawings or data, and shall consist of a detailed item by item description of the essential technical and performance characteristics of the Goods and Related Services, demonstrating substantial responsiveness of the Goods and Related Services to the technical specification, and if applicable, a statement of deviations and exceptions to the provisions of the Section VII, Schedule of Requirements.	Section I – Instructions to Bidders (ITB) Documents Establishing the Eligibility and Conformity of the Goods and Related Services	<p>Do these two requirements convey the same idea – provision of supporting (print) materials?</p> <p>Can we meet these two requirements by furnishing for example a catalogue of goods?</p>
(a)	Documentary Evidence: The Bidder shall furnish documentary evidence to demonstrate that the goods it offers meet the following usage requirement: technical and	Section III – Evaluation and Qualification Criteria	<p>According to the bidding document:</p> <p>- To establish the eligibility of the Goods and Related Services in accordance with ITB 5, Bidders shall complete the country of origin declarations in the Price Schedule Forms, included in Section IV, Bidding Forms.</p> <p>-To establish the conformity of the Goods and Related Services to the bidding document, the</p>

<p>performance characteristics and detailed description of the Goods offered meet technical specification requirements of the Section VII Schedule of Requirements.</p>			<p>Bidder shall furnish as part of its Bid the documentary evidence that the Goods conform to the technical specifications and standards specified in Section VII, Schedule of Requirements.</p> <p>The documentary evidence may be in the form of literature, drawings or data, as well as the catalogue, if it is containing the required above-mentioned information.</p>
<p>All goods should be new and unused. The Supplier should present warranty for the goods (Lots 1-3 and 5-7) with the minimum period of 12 (twelve) months. It is required to present user guidelines and technical documents of goods, also documents provided by the Manufacture to ensure the conformity of technical and functional parameters of the presented goods' to the required Technical Parameters. The Model, Manufacturer and Country must be specified for each</p>	<p>Section VII – Schedule of Requirements</p> <p>3. Technical Specifications</p>	<p>Do we understand this requirement correctly: a Bidder can present user guidelines during delivery as they are part of documentation of the Good and are put inside the packaging?</p>	<p>Yes, your understanding is correct: user guidelines or manuals should be submitted with the Goods at the delivery stage.</p>

product.			
----------	--	--	--

RFB No: *AF EIP ICB-1.5.1.1*

Project: *ADDITIONAL FINANCING FOR “EDUCATION IMPROVEMENT PROJECT”*

Purchaser: *Center for Education Projects PIU SA*

Country: *Armenia*

CLARIFICATION NO. 5, answers to questions received on 5 April 2023

LOT 1:

No	Question	Answer
1.	<p>Positions 3, 4 and 6 – in technical specifications for Pos. 3 – Binocular Microscope you mentioned that the microscope shall also include eyepiece reticule 10x and stage micrometer.</p> <p>Meanwhile, you have, separately, at pos. 4 eyepiece reticule and at pos. 6 stage micrometer.</p> <p>Please clarify, if</p> <ul style="list-style-type: none">- Whether you need these two items together with pos. 3 and also separately for pos. 4 and pos. 6- Or you just need items, already offered as pos. 4 and pos. 6 to be pre-installed on the microscope offered in pos. 3?	<p>The stage micrometer and eyepiece reticle should be compatible with the microscope in item #3. We do not need extra items. In total we need 990 eyepiece reticles and 803 stage micrometers. We do not need the eyepiece reticule 10x pre-installed on the microscope. It should be provided separately.</p>
2.	<p>Pos. 8 and 9 – in technical specifications for Pos. 8 you have mentioned that gel electrophoresis kit for at least 8 groups should be included.</p> <p>Meanwhile, you have separate gel electrophoresis kit for 8 students separately – in pos. 9.</p> <p>Please clarify if</p> <ul style="list-style-type: none">- whether you need gel electrophoresis kit together with pos. 8 and separately for	<p>We need DNA electrophoresis kit that is compatible with the DNA electrophoresis lab station in item#8. In total we need 83 DNA electrophoresis kits.</p>

	<p>pos.9</p> <p>- or if you just need gel electrophoresis kit in pos. 9 to be compatible with Classroom DNA electrophoresis lab station from pos. 8?</p>	
3.	<p>Pos. 8 – please clarify what you mean by gel visualization system? Is simple transilluminator for visualization of Ethidium Bromide stained gels acceptable?</p>	
4.	<p>Pos. 23 – can you provide more information about this item or an appropriate exemplary picture? It is not clear what is actually needed.</p>	<p>Vacuum pumps are widely used in laboratory practice for pumping gases, air, vapors, for filtering under vacuum, for creating vacuum lines in laboratory installations.</p> <p>Vacuum pumps are made of glass and are attached to the faucet through a thick rubber tube, which is firmly fixed to the faucet and at the upper end of the pump.</p> <p>Lateral outlet in which the vacuum should be is connected to the side outlet using a strong rubber tube:</p>

LOT 3:

No	Question	Answer
5.	<p>Pos. 2 – please clarify what exactly is needed? What should be the material – PP, or other? What should be the form – rectangular, round, or other?</p>	<p>Round, PP is preferable.</p>
6.	<p>Pos. 3 – please clarify what exactly is needed? What should be the material – PP, or other? What should be the form – rectangular, round, or other?</p>	<p>For item N3 it is more important the capacity requirement and less important the shape. The raw material for the item could be polypropylene.</p>
7.	<p>Pos. 11 – in the distribution list you mentioned that each school should receive 50 or 100 pcs of 1.5 ml Eppendorf tubes. Please check if this is correct, because usually 1.5 ml Eppendorf tubes are packed by at least 500 pcs in a pack.</p>	<p>Position 11 is not Eppendorf tubes.</p> <p>As for the Eppendorf tubes--This is correct. Schools do not need large amounts. Each school should receive the specified amount of Eppendorf tubes.</p>

8.	Pos. 40 – please provide more detailed information. It is not clear what is actually needed.	Micro Respirometer is a device for measuring cellular respiration in small organisms. Here is an example- https://edulab.com/product/respirometer/
9.	Pos. 56 – please clarify – are these regular, disposable plastic cups, or are there any other requirements	These are plastic cups made of polypropylene, for laboratory applications. These are not supposed to be disposable.
10.	Pos. 112 – please clarify what kind of vials / what shape do you need?	Items N112 & N113 should be bottle-shaped (long).
11.	Pos. 113 – please clarify what kind of vials / what shape do you need?	
12.	Pos. 124 – please confirm that you just need a dryer for kitchen (for dishes, plates and cutlery) and not for laboratory glassware.	It is confirmed that item N124 is dryer for kitchen.

LOT 4:

No	Question	Answer
13.	Position/item 40 – in the distribution list the quantity for List 1 and List 3 is 0.25 kg and 0.5 kg each; while for List 2 – 25 kg for each. Please confirm that this is correct quantity, or there is a typo in the quantity for List 2 schools.	There was a typo in the quantities of item 40-Glucose, the required quantity is 0.25kg. The revised version of the Bid Documents is attached (revisions are highlighted).

LOT 5:

No	Question	Answer
14.	Position 1 – please indicate approximate size required. Also please provide more information about the break.	The dimensions of the compass are: 12.7 x 12.7 x 12.7 cm, weight: 68.04 grams. The calculation indicator must be given by dashes and numbers from 0-360° (each 20° in ascending order is marked with numbers: 0, 20, 40, 60,, 320, 340, 360).

15.	Pos. 3 – please clarify what you mean by kilometer scale. For instance, we can offer an option, which has a 100 cm scale and a rotation counter. So, 100 rotations will be equal to 1 kilometer. Will such option be acceptable?	The curvimeter should have a two-sided scale. On one side, the transition from centimeters to kilometers should be indicated, and on the other side, it should be given in kilometers. A version that meets the specification's technical requirements will be considered acceptable.
-----	--	---

LOT 6:

No	Question	Answer
16.	Position/item 10 – please clarify – how many pcs should be in each pack / unit	Written number is related to pcs.
17.	Position/item 17 – please clarify the length of each unit	Diameter 1 mm, the length is not important, as it's for demonstration (can be about 30 cm).

LOT 7:

No	Question	Answer
18.	Position/item 45 – please clarify – should we supply only the needle, or also the stand for the needle	Please be informed that the needle should be with the stand
19.	Position/item 47 – only the vacuum chamber is described. Please provide more details about what else should be included in the set, apart from the chamber? How many pieces of each component should the set have?	The vacuum pumper and chamber should be in set. The set includes one piece of each component.
20.	Position/item 17 – please clarify the length of each unit	The length of dynamometers is not significant. The main point is the scale which is given.