

# TECHNICAL SPECIFICATIONS

## *Goods*

*Purpose: Purchase of anti-Covid-19 equipment*

*Contracting Authority: Chisinau City Hall*

No. lot	Name	Technical specifications	Quantity
1.	1.1.	UV-C air disinfection system for trolleybuses (24V)	534 pieces
		<p>Bactericidal recirculator with ultraviolet radiation for air purification in the public transport units of the Î. M. „Regia Transport Electric”.</p> <p>Device size: maximum 730x125x65 mm;            Power: 15w;            Wavelength: 253.7 nm;            Number of tubes: 1-2;            Ray spectrum: UV;            Lamp life: at least 8000 hours;            Fans noise: 27-37 dB;            Purified air volume: minimum 56 m<sup>3</sup> / hour;            Rated supply voltage: 24V;            Stable operation at supply voltage variation (24V) - from 5 to 70V and vice versa;            Internal protection of the equipment - in case of overlapping voltage of 600V on the voltage 24V power supply;            Vibration resistance;            Have automatic short circuit protection;            Operate normally at temperatures between – 40 and + 85 Celsius;            Protection against water ingress in various forms;            Recirculator’s body: metal;            Fastening system in transport: YES;            Timer remote control: YES;            Power failure protection: YES;            ANSP Certificate: YES.</p> <p><b>Minimum warranty period: 12 months from the date of installation.</b></p> <p><b>The deadline for delivery, installation and commissioning of the finished products is maximum 90 days from the date of registration of the contract.</b></p>	
	1.2.	UV-C air disinfection system for buses (12V)	148 pieces
		<p>Bactericidal recirculator with ultraviolet radiation for air purification in the public transport of the Î.M. „Parcul Urban de Autobuze”.</p>	

			<p>Device size: maximum 730x125x65 mm;  Power: 15w;  Wavelength: 253.7 nm;  Number of tubes: 1-2;  Ray spectrum: UV;  Lamp life: at least 8000 hours;  Silent fans: 27-37 dB;  Purified air volume: minimum 56 m<sup>3</sup> / hour;  Rated supply voltage: 12V;  Recirculator body: metal;  Fastening system in transport: YES;  Timer remote control: YES;  Power failure protection: YES;  ANSP Certificate: YES.</p> <p><b>Minimum warranty period: 12 months from the date of installation.</b></p> <p><b>The deadline for delivery, installation and commissioning of the finished products is maximum 90 days from the date of registration of the contract.</b></p>	
	1.3.	Installation services of recirculators in transport units	<p>Services (included in the price):</p> <ul style="list-style-type: none"> <li>- the tenderer must provide the contractor with information on the parameters, the mode of operation of the recirculators and the instruction sheet for installation in the transport units;</li> <li>- delivery and warranty for recirculators;</li> <li>- installation of recirculators inside the transport units;</li> <li>- connecting the recirculators to the power supply;</li> <li>- putting the recirculators into operation.</li> </ul>	
2.	2.1.	Bus driver transparent panels	<p>Protective glass panel for driver's cabin.</p> <p>Protective glass - safety glass that can break into small pieces, which are less likely to cause injury or damage.</p> <p>Bus model and glass size:</p> <ol style="list-style-type: none"> <li>1. Isuzu CITIPOINT: <ul style="list-style-type: none"> <li>● year of manufacture: 2019;</li> <li>● number of buses: 31;</li> <li>● dimensions: H 1230 mm, L 770 mm, G 5 mm.</li> </ul> </li> <li>2. Man Lions City CNG: <ul style="list-style-type: none"> <li>● year of manufacture: 2011;</li> </ul> </li> </ol>	50 pieces

			<ul style="list-style-type: none"> <li>● number of buses: 15;</li> <li>● dimensions: H 1350 mm, L 740 mm, G 5 mm.</li> </ul> <p>3. Volvo B 12 BLE:</p> <ul style="list-style-type: none"> <li>● year of manufacture: 2011;</li> <li>● number of buses: 4;</li> <li>● dimensions: H 1200 mm, L 740 mm, G 5 mm.</li> </ul> <p><b>Minimum warranty period: 12 months from the date of installation.</b></p> <p><b>The deadline for delivery, installation and commissioning of the finished products is maximum 60 days from the date of registration of the contract.</b></p>	
	2.2.	Panel installation services	<p>Protective panel installation services in the bus driver's cab (included in the price):</p> <ul style="list-style-type: none"> <li>- the tenderer must provide the contractor with information on the parameters and fixing of the panels;</li> <li>- delivery and warranty for the protective glass;</li> <li>- installation of the protective glass in the driver's cabs.</li> </ul>	