

## Genel

## Specificații tehnice (F4.1)

[Acest tabel va fi completat de către ofertant în coloanele 3, 4, 5, 7, iar de către autoritatea contractantă – în coloanele 1, 2, 6, 8]

Numărul procedurii de achiziție **ocds-b3wdp1-MD-1595492839263** din 23 iulie 2020

Denumirea procedurii de achiziție: **Autobuze pentru Î.M."Parcul urban de autobuze", Primăria Municipiului Chișinău**

Cod CPV	Denumirea bunurilor	Modelul articolului	Țara de origine	Producătorul	Specificarea tehnică deplină solicitată de către autoritatea contractantă	Specificarea tehnică deplină propusă de către ofertant	Standarde de referință
1	2	3	4	5	6	7	8
	<b>Bunuri</b>						
	Lotul 1						
34121100-2	Autobuze categoria M3	ISUZU CITIPORT-Low Floor, E5 Diesel	Turcia	Anadolu Isuzu Otomotiv Sanayi ve Ticaret A.S.	Conform specificațiilor din p. 2.1	Conform specificațiilor tehnice indicate în tabelul anexat. Anexă Nr. 1	Conform standardelor naționale și internaționale
	<b>Total lot 1</b>						
	<b>TOTAL</b>						

Semnat: \_\_\_\_\_ Numele, Prenumele: Serghei Daradur În calitate de: Reprezentant în baza procurii Nr. 1 from 03 august 2020

Ofertantul: Anadolu Isuzu Otomotiv Sanayi ve Ticaret A Ş Adresa: Factory: Sekerpinar Mah. Otomotiv Cad. No.2 Cayirova 41435 Kocaeli/ Head Office: Fatih Sultan Mehmet Mahallesi Balkan Caddesi No:58 Buyaka E Blok Tepeüstü 34771 Ümraniye / İstanbul,


Genel

## Annex No.1 (for 4.1), Technical specifications of Bus model ISUZU E5 CITIPOINT

No. d/o	Name of item	Technical Specification
1	<b>General characteristics</b>	
1.1	Year of manufacture	Year of manufacture: 2020-2021
1.2	Vehicle category	M3, Bus for passenger transport on urban and suburban routes, at an ambient temperature of minus 35 ° C up to +45 ° C
1.3	Ecological class	Euro 5
1.4	Total capacity, passengers	107
1.5	Seating capacity	27
1.6	Landing climb supported by the bus with the maximum permissible load,	25%
1.7	Turning radius	9.11 m
1.8	Traction axle	Rear
1.9	Wheel formula	4x2
1.10	Tires	without a camera
1.11	Overall dimensions: - length, mm - width, mm - height, mm	12 030 mm 2550 mm 3136 mm
1.12	Clearance (ground clearance), mm	150 mm
1.13	Floor level, mm	340 mm
1.14	Floor level when activating the kneeling system at stations, kneeling mm	210 mm
1.15	Floor level	Lowered floor along the entire length of the bus
1.16	Fuel tank capacity	300 liters
2	<b>Bus body</b>	
2.1	Body type	Body with anti-corrosion processing. Compartments joined by welding for max. ensure the durability and rigidity of the bus, lined with steel sheet, with a base in the form of a lattice structure.
2.2	Number of doors	3 doors with double swing. Moving the bus with the doors open not allowed. Doors only open if the bus is completely stopped, subsequent movement of the bus only after the doors have completely closed.
2.3	Flooring	Wear and putrefaction resistant
2.4	Floor covering	Waterproof, made of non-slip fabric cover, resistant to fretting wear. The cover laid under the seat fasteners.
2.5	Passenger compartment of the bus	Equipped with a bars for the maximum safe transport of passengers, 4 surveillance cameras inside (one supervised the driver, three installed in the passenger compartment of the bus) and 4 outside (two front-rear cameras and two right-left side cameras), the information on the 8 surveillance cameras stored on a HDD with a capacity of 1Tb, audio-video information equipment for passengers, two monitors with video playback;

		mechanical, foldable hatch for the access of people with reduced mobility. Provided with a button to signal the intention to operate the ramp located both outside and inside and on board signaling for the driver. Inside the bus at least 3 buttons, located on the support bars in the direction of each door for signal the intention to get off the bus to the driver. The driver signaling is with visual and auditory. Possibility of connecting passenger counting equipment and GPS system.
2.6	Passenger seats	Anti-vandal, semi-rigid with anti-trauma handle.
2.7	Ventilation and heating system:	<p>Air conditioning system with power of 39KW. The air conditioning system warranty is not less than the general bus warranty.</p> <p>The electronic control unit of the AC system perform the following functions:</p> <ol style="list-style-type: none"> <li>Climate control function</li> <li>Possibility to change the temperature automatically or manually</li> <li>Possibility to change the rotation speed of the fans automatically or manually</li> <li>Possibility of managing the fresh or indoor air damper automatically or manually</li> <li>Diagnostic and visualization function of errors related to the AC system</li> <li>Visualization of indoor and outdoor temperature</li> <li>Visualization of the number of hours worked by the AC system</li> </ol> <p>2 hatches on the roof of the bus. 7 vent windows. Driver's cab heating - autonomous heating (preheater with a power of at 24 KW).</p>
2.8	Driver's cab	<p>Driver's cab - separated from the passenger compartment by a partition wall but with the driver's exit in the passenger compartment of the bus, so that passengers can enter or exit through both front swing doors of the bus. The cab is equipped with ventilation through the side window and air conditioning. The cab is equipped with ventilation through the side window and window for money.</p> <p>Driver's seat - air suspension with seat cushion height adjustment, longitudinal position, backrest tilt angle. Triplex windshield, with anti-glare effect.</p>
2.9	Exterior rearview mirrors	With heating and electric drive, covered with screen against blinding light.
2.10	Information system	Electronic informant (front, side, rear, passenger compartment) on board with the dissemination of information from the stick or analog device, inside informant with microphone, speakers, electronic control unit. The system store up to 999 routes, the number of stations stored for each route not less than 999

2.11	Towing device	The bus is equipped with a front and rear towing device
2.12	Bus windows	The exterior windows of the bus installed by gluing with hermetic glue. The interior windows is transparent and the exterior windows is with a heat-repellent effect.
2.13	Color of the bus	Sky blue, turquoise - The final color will be set in the contract
<b>3</b>	<b>Technical specifications</b>	
3.1	Engine	Four-stroke turbocharged diesel engine. EURO5. Model CUMMINS ISB6.7E5300. The engine compartment is equipped with a fire-fighting system.
3.2	Cooling system	Closed type liquid
3.3	Engine power, kW	215.7 kW, @ 2300 rpm
3.4	Gearbox	Automatic with maximum 6 speeds and retarder. Model ZF ECOLIFE 6AP 1200B
3.5	Front axle	Independent
3.6	Rear axle	Rear axle of crankcase type with reduction gear.
3.7	Front suspension	Independent, with two pneumatic elements, two hydraulic shock absorbers and air level regulator
3.8	Rear suspension	Dependent, with four pneumatic elements, four hydraulic shock absorbers and air level regulator
3.9	Steering equipment	Integral type, adjustable steering column, anti-traumatic.
3.10	Braking system	Pneumatics, with front-rear discs, with separate action of the front and rear axle, ABS, ASR system. Parking braking system ensuring maximum parking load for an infinite period of time.
3.11	Electrical equipment	Batteries – 24V- 2x240Ah
3.12	Additional requirements	Equipped with spare wheel, jack, anti-skid support under wheels, two fire extinguishers of 6 kg (including one in the driver's cab and one in the passenger compartment of the bus), 1 liter of paint for each bus, operation manuals for the bus and for the air conditioner, maintenance and repairs, parking sensors, reversing view camera, reversing alarm, displaying the time in the bus passenger compartment and driver's cab, spare parts catalog for all bus components, bus diagnostic computer including necessary cables and software. Possibility to diagnose the bus units and its systems (OBD connector), centralized lubrication system, automatic body tilt system - kneeling function.
3.13	Service during warranty	The winner ensure at his own expense throughout the warranty period, the service of the bus according to the manufacturer's regulations: exchange of lubricants, filters, belts, service of air conditioners, other necessary parts and consumables (the estimated average annual mileage of a bus will be 80,000 km)
3.14	Warranty period	24 months for all bus aggregates, mechanisms and components. 5 years for the body's anti-corrosion warranty. Extended warranty conditions (if applied) to be indicated in additional documents.

  
 HADOL SUZUKI OTOBIL  
 SANAYI VE TICARET AS