

**PARTICIPATION ANNOUNCEMENT**

on the purchase of Trolleybus Stand-alone Motion System  
through the Open Tender purchase procedure

1. Name of the contracting authority: **ME „Regia Transport Electric”**
2. IDNO: **1003600048486**
3. Address: **146 Mitropolit Dosoftei Street, Chisinau**
4. Telephone/fax number: **022 204 129, 022 204 145, 022 75 26 63**
5. E-mail and Internet address of the contracting authority: **rtechishinau@gmail.com, rtec.md.**
6. E-mail or Internet address allowing access to the award documentation: *the award documentation is attached in the procedure in SIA RSAP*
7. The type and the core business of the contracting authority (where relevant, please make mention that the contracting authority is a central purchase authority or the purchase involves another kind of common purchase): **Public transport services**
8. The purchaser invites the economic operators who are interested and can meet its needs to participate in the purchase procedure on delivering/providing/executing the following goods/services/works:

Order No.	CPV Code	Name of requested goods/services/works	Measurement unit	Quantity	Full requested technical specification, reference standards	Estimated value (to be stated for each lot separately) in MDL																																		
<b>Lot 1</b>																																								
1	34900000-6	Voltage converter 550/28 V	complete	20	<table border="1"> <tr> <td align="center" colspan="2"><b>Input voltage, V:</b></td> </tr> <tr> <td>Rated voltage</td> <td>550</td> </tr> <tr> <td>Operating voltage range</td> <td>350 - 820</td> </tr> <tr> <td align="center" colspan="2"><b>Input current U = 550 V, A:</b></td> </tr> <tr> <td>Rated current</td> <td>10</td> </tr> <tr> <td>Periodical intermittent current</td> <td>18</td> </tr> <tr> <td align="center" colspan="2"><b>Output voltage, V:</b></td> </tr> <tr> <td>Rated voltage</td> <td>27.5</td> </tr> <tr> <td>Operating voltage range</td> <td>20 - 29.5</td> </tr> <tr> <td align="center" colspan="2"><b>Output current, A:</b></td> </tr> <tr> <td>Rated current</td> <td>120</td> </tr> <tr> <td>Periodical intermittent current</td> <td>250</td> </tr> <tr> <td>Rating efficiency, %</td> <td>≥ 85</td> </tr> <tr> <td align="center" colspan="2"><b>Climatic conditions for operation:</b></td> </tr> <tr> <td>Working temperature range</td> <td>from - 40 to + 40°C</td> </tr> <tr> <td>Air humidity</td> <td>98% when ambient temperature is + 25°C</td> </tr> <tr> <td>Atmospheric pressure</td> <td>from 86.6 to 106.6 kPa</td> </tr> </table>	<b>Input voltage, V:</b>		Rated voltage	550	Operating voltage range	350 - 820	<b>Input current U = 550 V, A:</b>		Rated current	10	Periodical intermittent current	18	<b>Output voltage, V:</b>		Rated voltage	27.5	Operating voltage range	20 - 29.5	<b>Output current, A:</b>		Rated current	120	Periodical intermittent current	250	Rating efficiency, %	≥ 85	<b>Climatic conditions for operation:</b>		Working temperature range	from - 40 to + 40°C	Air humidity	98% when ambient temperature is + 25°C	Atmospheric pressure	from 86.6 to 106.6 kPa	800,000.00
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				Weight, kg	≤ 60	
				Automatic protection for disconnection:		
				Output surge	(29.5±0.5) V	
				Input voltage drop	(260±30) V	
				Output surge	(840±30) V	
				Output short circuit	-	
				Body overheating	≤ 70 °C	
				Resistance of insulations, Mohm:		
				Between the high voltage circuits «±550 V» and the body	≥ 10	
				Between the high voltage circuits «±550 V» and the low voltage circuits «±27 V»	≥ 10	
				Between the body and the low voltage circuits «±27 V»	≥ 10	
				Warranty period, months	≥ 18	

**Lot 2**

				Input voltage, V:		
				Rated voltage	600	
				Operating voltage range	350 - 820	
				Rated power, kWt	6	
				Rated output voltage, V	380	
				Output current type	AC	
				Output phase number	3	
				Control power-supply voltage, V	from 17 to 32	
				Rated current per phase, A	10	
				Resistance of insulations, Mohm:		
				Between the high voltage circuits «±550 V» and the body	≥ 10	
				Between the high voltage circuits «±550 V» and the low voltage circuits «±27 V»	≥ 10	
				Between the body and the low voltage circuits «±27 V»	≥ 10	
				Climatic conditions for operation:		
				Working temperature range	from - 40 to + 40°C	
				Air humidity	98% when ambient temperature is + 25°C	
				Atmospheric pressure	from 86.6 to 106.6 kPa	
				Warranty period, months	≥ 18	
2	34900000-6	Voltage converter 550/380 V	pcs	10		315,000.00

**Lot 3**

3	3490	Elect	comp	10	Made on the basis of IGBT modules (transistor)	2,700,000.00
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				Driving and control of asynchronous traction motors, 3 phases To be prepared constructively for installation on trolleybuses AKCM - 321 version 32100 K and 3210K1 Input voltage, V: Rated voltage   600 Operating voltage range   350 - 820 Control power-supply voltage, V   from 17 to 32 Rated power, kWt   $\geq 200$ Rated current, A   350 Output frequency range, Hz   0 - 135 Recovery voltage, V   750 Resistance of insulations, Mohm: Between the high voltage circuits « $\pm 550$ V» and the body   $\geq 10$ Between the high voltage circuits « $\pm 550$ V» and the low voltage circuits « $\pm 27$ V»   $\geq 10$ Between the body and the low voltage circuits « $\pm 27$ V»   $\geq 10$ Climatic conditions for operation: Working temperature range   from -40 to +40 °C Air humidity   98% when ambient temperature is + 25°C Atmospheric pressure   from 86.6 to 106.6 kPa Efficiency, %   $\geq 90$ Warranty period, months   $\geq 18$	
<b>Lot 4</b>					
4	3490000-6	Stand-alone routing system	complete	5 Monitoring of each element (voltage U, temperature) Balancing of each element Charging of accumulator battery at optimal parameters under contact network Data exchange with the CAN interface Computerised diagnostics of the system and each element Hold of working thermic range Input voltage, V Rated voltage   550 Operating voltage range   350 - 820 Rated voltage of accumulator batteries, V   512 Rated cell capacity of accumulator batteries, A*h   100	2,000,000.00
				Maximum current of accumulator batteries for traction, A   300 Charging current of accumulator batteries for traction, A   50	

					Total time for charging the accumulator batteries, h	≤ 2	
					Weight of accumulator batteries, kg	580	
					Power-supply voltage for system control, V	17-32	
					Road trip in stand-alone mode, km	20	
					Warranty period, months	≥ 18	
<b>Lot 5</b>							
					The period between the manufacturing date and the delivery date of the product shall be less than 6 months		
					The product shall be delivered with quality certificate		
					Rated capacity, A*h	100	
					Operating voltage, V	2.7 4.0	
					Rated voltage, V	3.2	
					Weight, kg	3.6	1,800,000.00
					Dimensions (mm)	L - 179	
						W - 62	
						H - 218	
					Optimal charging current, CA	0.5	
					Warranty period from the commissioning date, months	≥ 12	
<b>Estimated total amount in MDL, VAT exclusive</b>							<b>7,615,000.00</b>

**9. Deadline for submission:**

**-hour: according to SIA RSAP**

**-date: according to SIA RSAP**

**10. Tenders or requests for participation shall be submitted electronically through SIA RSAP**

**11. Place of opening the tenders: SIA RSAP. Late tenders shall be rejected.**

**12. Persons authorized to be present at the opening of tenders: *Tenderers or their representatives shall be entitled to participate at the opening of tenders, unless the tenders have been submitted through SIA RSAP.***

**13. The contract is related to a project and/or a program funded by the European Union:-**

**14. Name and address of the competent body for settlement of appeals:**

*National Agency of Appeals Settlement*

*Address: Chisinau, 124 Stefan cel Mare si Sfanta Avenue (4th floor), MD 2001;*

*Tel/fax/e-mail: 022-820 652, 022 820-651, [contestatii@ansc.md](mailto:contestatii@ansc.md) or in the competent court, as the case may be*

**15. The contract is subject to the Agreement on Government Procurement of the World Trade Organization (only in the case of announcements sent for publication in the Official Journal of the European Union): NO**

**16. Other relevant information: The price offer may be submitted in foreign currency, which will be converted in MDL using the NBM exchange rate at the date of tender evaluation.**

Residents of Moldova shall carry the good at the expense of the seller up to the warehouse of ME „Regia Transport Electric”, located in Chisinau, 146 M. Dosoftei Street, and the expenses will be included in the price offer. Non-residents of Moldova shall bear the expenses related to the carriage up to the buyer’s terminal (DAP Chisinau), and the expenses will be included in the price offer. The payment for the purchase of the good shall be made by bank transfer within 60 days from the date of receipt of the good.

Head of the Working Group: Dorin CIORNII

