



Lifecycle Contracts: E-Buses Supply

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MOSCOW INVESTMENT PORTAL



Moscow
Government

August 2019

Moscow – PPP development leader of Russia

> \$14 bn (₽ 876 bn)

volume of PPP project contracts
from 2013 to August 2019

1  **st place**
PPP Development Center

in PPP development rating of
Russian regions **2016 – 2019**

INCLUDING:

\$ 1 bn

Concession projects

\$ 6.9 bn

Life Cycle Contracts (LCC)

\$ 3.7 bn

Long-term contracts with an investment
component

\$ 2 bn

Corporate PPP

\$ 268 m

Real estate lease with Investment commitments

Public transport life cycle contracts

Life cycle contracts (LCCs) are an effective tool for budget expenditure optimization providing for products delivery and subsequent maintenance.



\$7.4 billion
volume of LCCs concluded

	Underground railway		Surface transport	
Scope of supply	1,576 subway car	436 buses	300 trams	300 electric buses (3 contracts)
Contract duration	30 years	7 years	30 years	15 years
Contract amount	\$6 billion	\$125 million	\$963 million	~\$327 million

LCCs for electric buses

Obligations of parties



Executing investor

- Supply of electric buses and relevant ultra fast charging stations
- Arrangement of service centers
- Maintenance of a technical suitability rate:
 - **at least 90%** for electric buses
 - **at least 97%** for charging stations



City

- Paying for electric buses delivered
- Monthly service fees:
 - depending on the actual run and the price per 1 km for electric buses.
 - a fixed regular payment for charging stations and service centers.

LCCs for electric buses: current status

Bidding completed:

Contract 1

- **100 electric buses (\$109 million)**
- Delivery time 2018-2019
- **Tender winner:** PAO KAMAZ

Contract 3

- **100 electric buses (\$ 111 million)**
- Delivery time 2019-2020
- **Tender winner:** PAO KAMAZ

Contract 2

- **100 electric buses (\$109 million)**
- Delivery time 2018-2019
- **Tender winner:** OOO Russian Buses - GAZ Group

Moscow is planning to purchase **300 electric buses** a year in 2019-2020, and stop purchasing diesel buses in 2021.
