



Narodowe Centrum
Badań i Rozwoju



02
AUTOCOMP MANAGEMENT Sp. z o.o.
Koncesja MSWA nr B-075/2007
ul. 1 Maja 36
71-627 SZCZECIN
tel. 91 462-40-84, fax 91 462-41-30
REGON 320324344, NIP 955-218-99-80

Szczecin, 20.05.2021

Request for Quotation 01/05/21/ZO

Autocomp Management Ltd. intends to entrust the delivery of **Vehicle physics modeling software for simulation systems** in regard to the ongoing project: DOB-BIO10/08/01/2019 "Symulator dynamicznego wykorzystania pojazdów służbowych" („Dynamic simulator of vehicle of uniformed services")

The aforementioned software should meet the following requirements:

- The system shall allow for parameters of the simulated vehicle including at least: engine parameters (power and torque curves), gearing and drivetrain components, brakes, clutch, type and parameters of suspension independently for each axle,
- The system shall allow for parameters of the mass and inertia for the elements of simulated vehicle including sprung and unsprung components independently,
- The system shall allow for tire parameters for the simulated vehicle per each wheel individually including at least: grip limit according to the surface being travelled on, lateral and radial tire rigidity, allow to define inflation pressure down to a completely deflated tire.
- The system shall provide tools allowing for simulation of driver's support systems such as ABS, traction control, stability control,
- The system shall allow for simultaneous simulation of multiple (no less than 3) vehicles in a single instance.
- The system shall be equipped with all necessary API functionalities to integrate with UNITY development environment or the system as a whole shall be a UNITY plug-in.

Autocomp Management intends on purchasing one (1) system or developer license. Any implementations utilizing solutions developed with the system must not be encumbered with further fees (additional charges per runtime are not acceptable).

We kindly ask You to give Your answer by **27.05.2021**, for which we would like to thank You in advance. Please send Your offer on the attached form in Polish or English. Please send your offers to the e-mail address biuro@ac-management.com.pl. Please provide the number in the e-mail subject "Answer for question 01/05/21/ZO"

AUTOCOMP MANAGEMENT Sp. z o.o.
Krzysztof Indysewski
Prezes Zarządu

Projekt współfinansowany przez Narodowe Centrum Badań i Rozwoju w ramach Konkursu nr 10/2019 na wykonanie projektów w zakresie badań naukowych i prac rozwojowych na rzecz obronności i bezpieczeństwa państwa.

Numer projektu: DOB-BIO10/08/01/2019

Tytuł: Symulator dynamicznego wykorzystania pojazdów służbowych.