

TRANSFER-ACCEPTANCE ACT
CONTRACT FOR SERVICES No. 1.14.3/23/6

28.12.2023, Riga/Tallinn

Contracting authority 1	Tallinn City Government through the Tallinn Transport Department
Registry code	75028252
Representative	Deputy Head of the Tallinn Transport Department Liis Spiegelberg
Basis for representation	Statutes
Contracting authority 2	Tartu City Government
Registry code	75006546
Representative	Head of the Department of Urban Economy Rein Haak
Basis for representation	Statutes
Contractor	SIA "mobility.delivered"
Registry code	40203421994
	Mobilly
	40003654405
	SIA "Jāņa Sēta"
	40003426448
Representative	by proxy member of the board of SIA "mobility.delivered" Jānis Meirāns

1. Subject.

The present act is to certify that the Contractor has performed and the Contracting Authority has accepted the Work as completed under the Contract for services No. 1.-14.3/23/6 as stated in the Contract. The parties consider the agreement to be fulfilled to a significant extent. Considering the deficiencies that appear for reasons beyond the control of the Contractor, they are considered to achieve the final objectives of the contract and the total amount payable to the Contractor is EUR 60,000. The parties confirm that after the payment of the amount, the parties waive further mutual claims.

2. Legal position of the act.

The present act is drawn up on 1 page in 3 copies, having an identical juridical validity, one copy for each of the Parties.

3. Signatures of the parties.

(digitally signed)

Liis Spiegelberg

Contracting authority 1 representative

(digitally signed)

Rein Haak

Contracting authority 2 representative

(digitally signed)

Jānis Meirāns

Contractor's representative

Attachment No.1
to the TRANSFER-ACCEPTANCE ACT
CONTRACT FOR SERVICES No. 1.14.3/23/6

Status report on MaaS system functionality as of 28.12.2023

This is a status report on implementation of the MaaS platform functionality according to the Contract of services No 1.-14.3/23/6 signed between “mobility.delivered” SIA and Tallinn City government through Tallinn Transport department, and Tartu City government.

As of 28.12.2023 following functionality has been implemented and delivered in form of LINNK application available on iOS and Google Play stores (test environments):

No.	Functionality	Status	Comments
	User registration	Delivered	Full functionality of user registration is implemented. ID and driver's licence verification has been implemented.
	Journey planner	Delivered	Routing engine has been tested with at least one mobility service provider in each category.
	Booking of journey, vehicle or right to use the vehicle	Delivered	Front-end, backend and API functionality is fully delivered. Mobility service operators (car-sharing, ride-hailing, micro-mobility) need to develop an API to accept calls from 3rd party services. Estimated time to enable this functionality in application (upon receiving access to suitable mobility service operators API) - 1 month. Booking and payments for city PT (Ridango) and intercity trains (Elron) has been implemented on our side according to the description documentation provided by service providers. In order to fully implement the solution, access to the sandbox environment is required, estimated delivery of full functionality - 2 weeks after receiving full access.
	Payment for the journey	Delivered	Payment functionality is fully available, since it was built on existing services provided by one

			of the partners.
	Dynamic guidance during the journey	Partly delivered	Functionality on the MaaS app side is available (currently only in static mode, either as a list of waypoints or static map), but to correctly test it, full integration with mobility service providers is required (or at least access to test or sandbox environments). Estimate for full implementation of this functionality (subject to access to test environment) - 1 month.
	Starting and terminating the use of the vehicle	Delivered	Functionality of starting ride, riding and finishing ride, has been fully delivered on the MaaS app side for all available modes (car-sharing, micro-mobility, ride-hailing). In order to fully test it, it requires mobility services operators to accept 3rd party calls via API. Estimated time for integration and testing - 1 month after receiving access to service operators API.
	Sharing mobility data with the city	Not delivered	Data sharing agreements with mobility service operators need to be signed in order to allow sharing it with municipalities. Since no actual trips are taking place, this functionality has not been yet delivered. We will implement it by 08.09.2023 to test its functionality (with mock-up data) and under assumption that both users and mobility service providers will agree to share data with required details. Practical data sharing will take place once the system goes live.

Regarding the integration of the services of mobility operators with MaaS platform:

No	Mobility service operator	Status of integration
	Tallinn and Tartu public transport	Service provided by Ridango. Unfortunately, Ridango has not provided a fully working API for ticket booking and verification.

	Elron	Service provided by Ridango. Unfortunately, Ridango has not provided a fully working API for ticket booking and verification.
	Bolt	After initial discussions stopped responding to our requests.
	Tuul	Vehicle location and details are available, requirements for API development and roadmap for full integration have been agreed on.
	Bikeep	Partially integrated (bike locks locations), but there is no business case on Bikeep side, since most of their locations are owned by commercial entities (department stores etc.) access for 3rd party services, like MaaS, should be negotiated with them directly.
	CityBee	Vehicle location and details are available, requirements for API development and roadmap for full integration have been agreed on.
	Elmo rent	Service provided by UpTime. Vehicle location and details are available, requirements for API development and roadmap for full integration have been agreed on.
	Beast	Declined to participate due to the lack of resources, agreement to resume discussions in autumn 2023.
	Bewegen	Service taken over by WeGoShare, initial discussions on API requirements commenced. Integration on back-end to back-end level has been done, testing to start in January. For full MaaS compatibility Tartu needs to order "reservation" feature from WeGoShare.
	Forus Takso	After initial discussions declined to participate, citing their own development of a vertically integrated app.
	Uber	Declined to participate citing the low turnaround for their Estonian business.
	Tallink Takso	Service provided by UpTime. Requirements for API development and roadmap for full integration have been agreed on.
	Elektritakso	Service provided by Taxicaller. Most of the API is suitable for integration, except

		payment. Access to the sandbox environment has been obtained. Requirements for API development and roadmap for full integration have been agreed on.
--	--	--

