

# **Ireland: Vehicle conversion kits**

## **Drive-by-Wire System for Autonomous Vehicle Research**

Contract or concession notice – standard regime

### **1 Buyer**

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#### **1.1 Buyer**

*Official name:* Future Mobility Campus Ireland CLG

*Legal type of the buyer:* Body governed by public law

*Activity of the contracting authority:* Economic affairs

### **2 Procedure**

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#### **2.1 Procedure**

*Title:* Drive-by-Wire System for Autonomous Vehicle Research

*Description:* 1. Future Mobility Campus Ireland - Company Profile Future Mobility Campus Ireland (FMCI) was founded to create and deliver future mobility testbed facilities supporting research, development and innovation in Autonomous Connected Electric Shared Vehicles (ACES), including Connected and Autonomous Vehicles (CAV) and Advanced Aerial Mobility (AAM) in Ireland. FMCI partners include leading Irish automotive and technology organisations across SMEs, MNCs, RPOs and IOTs, with support from local authorities and state agencies. FMCI operates CAV and AAM test facilities in real-world settings, enabling technology companies and researchers to test and enhance their innovations. The facilities include a road network retrofitted with interconnected sensing and telecommunications technologies, fully accessible and controlled through a dedicated control centre. FMCI supports the ecosystem of companies developing, manufacturing and testing products and services related to CAV and AAM. The system under this tender will support FMCI Research and Development activities in Autonomous Driving and Advanced Driver-Assistance Systems. 2. Purpose and Scope FMCI invites tenderers for the supply, installation, integration, commissioning, acceptance testing, training and support of a complete Drive-by-Wire (DBW) system for an autonomous vehicle research platform. FMCI has not pre-selected a specific vehicle make or model. Tenderers shall nominate a suitable right-hand-drive battery-electric vehicle platform that, in standard production configuration, is road-legal and eligible for registration and normal public-road use in Ireland, compatible with the proposed DBW solution, and reasonably available through Irish motor dealerships. The objective is to select a technically suitable and commercially viable platform, considering the DBW solution, vehicle cost and availability, and integration risk. The DBW system will support autonomous-driving research using ROS 2 and Autoware on FMCI's NVIDIA DRIVE AGX Orin platform. International suppliers are eligible to tender, subject to applicable Irish and EU import, tax, safety and procurement requirements. The vehicle is not part of the contract awarded under this RFT. Following contract award, FMCI will procure the nominated vehicle platform separately in accordance with its procurement obligations. 3. Required Tender Outcome The successful tenderer shall provide a complete solution enabling FMCI to: \* source a compatible right-hand-drive battery-electric passenger vehicle in Ireland; \* electronically control steering, propulsion, braking, gear selection and direction indicators using the vehicle OEM actuation systems; \* retain safe and immediate manual-driver override; \* provide an emergency-stop and defined fail-safe architecture; \* perform controlled low-speed operation using a remote operator controller; \* communicate with the DBW system from the NVIDIA DRIVE AGX Orin using a documented ROS 2 interface; \* install, deploy and maintain the supplier-provided ROS 2 interface on AArch64/ARM64; \* commission and accept the DBW installation using objective functional and software-interface tests; and \* operate and maintain the system without undisclosed mandatory subscriptions, software dependencies or unsupported proprietary interfaces. FMCI will perform the final mapping between the supplier's ROS 2 DBW interface and the Autoware vehicle-control stack internally.

*Procedure identifier:* 4e53e86c-e281-4d04-903a-36170acec1f4

Type of procedure: Open

The procedure is accelerated: no

### **2.1.1 Purpose**

Main nature of the contract: Supplies

Main classification (cpv): 34328200 Vehicle conversion kits

Additional classification (cpv): 50100000 Repair, maintenance and associated services of vehicles and related equipment

Additional classification (cpv): 51100000 Installation services of electrical and mechanical equipment

Additional classification (cpv): 72263000 Software implementation services

### **2.1.2 Place of performance**

Town: Shannon, Co. Clare

Country subdivision (NUTS): Mid-West (IE051)

Country: Ireland

### **2.1.3 Value**

Estimated value excluding VAT: 120 000 Euro

### **2.1.4 General information**

Legal basis:

Directive 2014/24/EU

### **2.1.6 Grounds for exclusion**

Sources of grounds for exclusion: European Single Procurement Document (ESPD)

5 Lot

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## **5.1 Lot: LOT-0001**

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*Internal identifier:* 0

#### **5.1.1 Purpose**

*Main nature of the contract:* Supplies

*Main classification (cpv):* 34328200 Vehicle conversion kits

*Additional classification (cpv):* 50100000 Repair, maintenance and associated services of vehicles and related equipment

*Additional classification (cpv):* 51100000 Installation services of electrical and mechanical equipment

*Additional classification (cpv):* 72263000 Software implementation services

#### **5.1.2 Place of performance**

*Town:* Shannon, Co. Clare

*Country subdivision (NUTS):* Mid-West (IE051)

*Country:* Ireland

*Additional information:*

#### **5.1.3 Estimated duration**

*Duration:* 3 Year

#### **5.1.5 Value**

*Estimated value excluding VAT:* 120 000 Euro

#### **5.1.6 General information**

*Reserved participation:* Participation is not reserved.

Procurement Project not financed with EU Funds.

*The procurement is covered by the Government Procurement Agreement (GPA):* yes

#### **5.1.7 Strategic procurement**

*Aim of strategic procurement:* Innovative purchase

*Description:* The procurement aims to support innovation by procuring a solution that incorporates innovative technologies and approaches relevant to future mobility. The procurement will encourage suppliers to demonstrate innovative capabilities, technical solutions and approaches that can support the development, testing and deployment of future mobility technologies.

*Aim of strategic procurement:* Innovative purchase

*Description:* The procurement aims to support innovation by procuring a solution that incorporates innovative technologies and approaches relevant to future mobility. The procurement will encourage suppliers to demonstrate innovative capabilities, technical solutions and approaches that can support the development, testing and deployment of future mobility technologies.

*Innovation procurement:* The procured works, supplies, or services entail product innovation

#### **5.1.9 Selection criteria**

Sources of selection criteria: Procurement Document

#### **5.1.11 Procurement documents**

Languages in which the procurement documents are officially available: English

Languages in which the procurement documents (or their parts) are unofficially available: English

Deadline for requesting additional information: 12/10/2026 17:00 +01:00

Address of the procurement documents: <https://www.etenders.gov.ie/epps/cft/listContractDocuments.do?resourceId=9202314>

#### **5.1.12 Terms of procurement**

Terms of submission:

Electronic submission: Required

Address for submission: <https://www.etenders.gov.ie/epps/cft/viewTenders.do?resourceId=9202314>

Languages in which tenders or requests to participate may be submitted: English

Electronic catalogue: Not allowed

Tenderers may submit more than one tender: Allowed

Deadline for receipt of tenders: 22/10/2026 23:30 +01:00

Duration during which the tender must remain valid: 90 Day

Information about public opening:

Opening date: 23/10/2026 00:00 +01:00

Place: <https://www.etenders.gov.ie/epps/cft/prepareViewCfTWS.do?resourceId=9202314>

Terms of contract:

The execution of the contract must be performed within the framework of sheltered employment programmes: No

Electronic invoicing: Allowed

Electronic ordering will be used: yes

Electronic payment will be used: yes

#### **5.1.15 Techniques**

Framework agreement:

No framework agreement

Information about the dynamic purchasing system:

No dynamic purchase system

#### **5.1.16 Further information, mediation and review**

Review organisation: The High Court of Ireland

Organisation providing offline access to the procurement documents: Future Mobility Campus Ireland CLG

Organisation providing more information on the review procedures: The High Court of Ireland

Organisation receiving requests to participate: Future Mobility Campus Ireland CLG

Organisation processing tenders: Future Mobility Campus Ireland CLG

## **8 Organisations**

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### **8.1 ORG-0001**

Official name: Future Mobility Campus Ireland CLG

Registration number: 655751

Postal address: Bay 80, Shannon Free Zone

Town: Shannon

Postcode: V14WV82

Country subdivision (NUTS): Mid-West (IE051)

Country: Ireland

Email: [info@fmci.ie](mailto:info@fmci.ie)

Telephone: 0879406596

Internet address: <https://fmci.ie/>

Buyer profile: <https://fmci.ie/>

Roles of this organisation:

Buyer

Organisation providing offline access to the procurement documents

Organisation receiving requests to participate

Organisation processing tenders

#### 8.1 ORG-0002

Official name: The High Court of Ireland

Registration number: The High Court of Ireland

Department: The High Court of Ireland

Postal address: Four Courts, Inns Quay, Dublin 7

Town: Dublin

Postcode: D07 WDX8

Country subdivision (NUTS): Dublin (IE061)

Country: Ireland

Email: [HighCourtCentralOffice@courts.ie](mailto:HighCourtCentralOffice@courts.ie)

Telephone: +353 1 8886000

Roles of this organisation:

Review organisation

Organisation providing more information on the review procedures

#### 8.1 ORG-0003

Official name: European Dynamics S.A.

Registration number: 002024901000

Department: European Dynamics S.A.

Town: Athens

Postcode: 15125

Country subdivision (NUTS): Βόρειος Τομέας Αθηνών (EL301)

Country: Greece

Email: [eproc-esender@eurodyn.com](mailto:eproc-esender@eurodyn.com)

Telephone: +30 2108094500

Roles of this organisation:

TED eSender

#### Notice information

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Notice identifier/version: f4c230d9-db3e-4e99-a093-f0e95e6801c2 - 01

Form type: Competition

Notice type: Contract or concession notice – standard regime

Notice dispatch date: 02/10/2026 11:41 +01:00

Languages in which this notice is officially available: English