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Award

ETM Incursion Warning Radar System – Prototype Development

National Highways

UK5: Transparency notice - Procurement Act 2023 - [view information about notice types](#)

Notice identifier: 2025/S 000-061428

Procurement identifier (OCID): ocds-h6vhtk-05a621 ([view related notices](#))

Published 1 October 2025, 3:37pm

Scope

Reference

SONA692 (pro_21896)

Description

National Highways Traffic Officers when responding and dealing with incidents on the SRN often have to deploy temporary emergency traffic management (ETM) to create a 'safety buffer zone'. This safety zone is crucial to the safety and well-being of operatives and road-users. Where ETM has been deployed, there has been reported incidents of breaches (i.e. incursions) by motorists that has resulted in near misses, injuries and in some cases the successful prosecution of motorists.

A prototype system owned by Race Technology Limited is to be trialled in a live environment to enable the development of both an algorithm to enhance software that predicts vehicle movements and for the further development of a radar and a handheld device so that the system operates as intended.

A direct award under the Procurement Act 2023 is permissible under Direct award for

prototypes (Procurement Act 2023 Schedule 5, para 2)

Direct award for prototypes (PA 23 Sched 5, para 2)

o for the production of a prototype, or supply of other novel goods or services, for the purpose of—

(a) testing the suitability of the goods or services,

(b) researching the viability of producing or supplying the goods or services at scale and developing them for that purpose, or

(c) other research, experiment, study or development

o Doesn't have to be for the benefit of the public.

Further development is required of the prototype system to finesse the system based upon findings and feedback from on-road trials, specifically on parts of the Strategic Road Network (SRN), targeting tunnels and hard to access areas that could impede signal accuracy or require other algorithm refinements. These trials and the data acquired will be used to provide firmware, software and hardware updates to an existing prototype system.

Contract 1. ETM Incursion Warning Radar System – Prototype Development.

Supplier

- Race Technology Limited

Contract value

- £381,000 excluding VAT

- £457,200 including VAT

Above the relevant threshold

Earliest date the contract will be signed

15 October 2025

Contract dates (estimated)

- 16 October 2025 to 31 March 2026
- 5 months, 16 days

Main procurement category

Services

CPV classifications

- 35113000 - Safety equipment
- 35121700 - Alarm systems
- 35121900 - Radar detectors
- 35722000 - Radar
- 38431000 - Detection apparatus
- 71600000 - Technical testing, analysis and consultancy services

Contract locations

- CZ06 - South-East

- UKG - West Midlands (England)
- UKF - East Midlands (England)

Participation

Particular suitability

Small and medium-sized enterprises (SME)

Other information

Description of risks to contract performance

Not Applicable

Conflicts assessment prepared/revised

Yes

Procedure

Procedure type

Direct award

Direct award justification

Prototypes and development

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Supplier

Race Technology Limited

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16 Kings Street

Nottingham

NG16 3DA

United Kingdom

Telephone: +44 01773 537620

Email: sales@race-technology.com

Website: <https://www.race-technology.com/gb>

Region: UKF16 - South Nottinghamshire

Small or medium-sized enterprise (SME): Yes

Voluntary, community or social enterprise (VCSE): No

Contract 1. ETM Incursion Warning Radar System - Prototype Development.

Contracting authority

National Highways

- Companies House: 09346363

Bridge House, 1 Walnut Tree Close

Guildford

GU1 4LZ

United Kingdom

Contact name: Andrew Pritchard

Telephone: +44 0300 123 5000

Email: ADProcurement@nationalhighways.co.uk

Website: <https://nationalhighways.co.uk>

Region: UKJ25 - West Surrey

Organisation type: Public authority - central government