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Planning

LTC - Gantry Wind Tunnel Testing

National Highways

UK2: Preliminary market engagement notice - Procurement Act 2023 - [view information about notice types](#)

Notice identifier: 2025/S 000-046356

Procurement identifier (OCID): ocds-h6vhtk-058145 ([view related notices](#))

Published 6 August 2025, 8:58am

Scope

Reference

PRO 21772

Description

National Highways is seeking to procure a supplier to undertake aerodynamic testing of all gantry types to be deployed on to the Lower Thames Crossing (LTC) project. The successful tenderer will provide subject matter expertise, computational analysis and specialist aerodynamic testing facilities to undertake virtual and physical structural performance testing that can replicate the aerodynamic behaviours of the Strategic Road Network.

The Lower Thames Crossing (LTC) is a new road to better connect Essex and Kent through a tunnel beneath the River Thames. Our purpose is to drive a change in how we deliver - connecting people to jobs, businesses to opportunities, leaving a skills legacy for the local community and championing biodiversity. low-carbon construction.

Our ambition is to deliver the UK's greenest road, and to do the right thing for local

communities and the environment. We can only achieve this with the support of our supply chain, and it is therefore critical that for any supplier to be successful in winning work on LTC, they must demonstrate commitments to supporting delivery of our ambitions:

- Supporting LTC to leave a skills legacy for the local community. This means recruiting a local workforce and upskilling the supply chain to enable meaningful progression into higher paid higher skilled work.
- Delivering LTC with the lowest practicable carbon. This includes adoption of our 'zero emissions' intent, eradication of diesel on site and promotion of alternative sustainable fuels.
- Helping to create successful opportunities by providing early careers roles, such as apprenticeships, and inspiring young people into construction through delivery of STEM engagement.

Total value (estimated)

- £500,000 excluding VAT
- £600,000 including VAT

Above the relevant threshold

Contract dates (estimated)

- 2 January 2026 to 1 January 2028
- Possible extension to 1 January 2029
- 3 years

Main procurement category

Services

CPV classifications

- 71621000 - Technical analysis or consultancy services
- 71630000 - Technical inspection and testing services
- 71632000 - Technical testing services

Contract locations

- UK - United Kingdom

Engagement

Engagement deadline

20 August 2025

Engagement process description

Purpose of Engagement: An initial pre-tender briefing session to give an introduction and overview to National Highways and the Lower Thames Crossing Project, and an opportunity for potential bidders to provide feedback on the draft scope of works, tender submission requirements, indicative timescales and answer any questions.[]

Proposed Activities: Supplier Meeting

Date(s) for Engagement: 10:00 AM on 20 August 2025

Location (if applicable): Microsoft Teams Meeting

Responding to this Notice

How to Respond: Respond with your name, title and contact email addresses for up to two attendees per supplier to ancillaryprocurement@lowerthamescrossing.co.uk

Response Deadline: By 5 PM on Friday 15 August

Next Steps:

Market Engagement Pre-Tender Briefing - 20 August 2025

Invitation to Tender - September 2025

Tender Period (30 Days) - September / October 2025

Contract Award -December 2025

Note: This UK2 notice supercedes any previous UK2 notice on LTC - Gantry Wind Tunnel Testing

Participation

Particular suitability

Small and medium-sized enterprises (SME)

Submission

Publication date of tender notice (estimated)

8 September 2025

Contracting authority

National Highways

- Companies House: 09346363

Bridge House, 1 Walnut Tree Close

Guildford

GU1 4LZ

United Kingdom

Email: ancillaryprocurement@lowerthamescrossing.co.uk

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

Region: UKJ25 - West Surrey

Organisation type: Public authority - central government