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Tender

## **Lower Thames Crossing (LTC) Low Carbon Hydrogen Supply**

National Highways

F02: Contract notice

Notice identifier: 2024/S 000-038732

Procurement identifier (OCID): ocds-h6vhtk-048540

Published 2 December 2024, 12:02pm

### **Section I: Contracting authority**

#### **I.1) Name and addresses**

National Highways

Chafford Hundred

RM16 6RL

#### **Contact**

Amanda Tite

#### **Email**

[ancillaryprocurement@lowerthamescrossing.co.uk](mailto:ancillaryprocurement@lowerthamescrossing.co.uk)

#### **Country**

United Kingdom

#### **Region code**

UKH3 - Essex

## **Internet address(es)**

Main address

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

Buyer's address

<https://nationalhighways.ukp.app.jaggaer.com/>

## **I.2) Information about joint procurement**

The contract is awarded by a central purchasing body

## **I.3) Communication**

The procurement documents are available for unrestricted and full direct access, free of charge, at

<https://nationalhighways.ukp.app.jaggaer.com/>

Additional information can be obtained from the above-mentioned address

Tenders or requests to participate must be submitted electronically via

<https://nationalhighways.ukp.app.jaggaer.com/>

Tenders or requests to participate must be submitted to the above-mentioned address

## **I.4) Type of the contracting authority**

National or federal Agency/Office

## **I.5) Main activity**

General public services

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## **Section II: Object**

### **II.1) Scope of the procurement**

#### **II.1.1) Title**

## Lower Thames Crossing (LTC) Low Carbon Hydrogen Supply

### **II.1.2) Main CPV code**

- 24111600 - Hydrogen

### **II.1.3) Type of contract**

Supplies

### **II.1.4) Short description**

National Highways is the government company charged with operating, maintaining and improving England's strategic road networks. The Lower Thames Crossing (LTC) is a National Highways project that will build a new road connecting Kent, Thurrock and Essex through a tunnel beneath the River Thames. It will provide much-needed new road capacity across the river east of London, alleviating congestion on the Dartford Crossing. Three Delivery Partners have been appointed to deliver the three main components of the project – Kent Roads, Tunnels & Approaches and Roads North.

National Highways has designated LTC a pathfinder project that will explore carbon neutral construction. Low Carbon Hydrogen is a key element in LTC's strategy to deliver its carbon reduction targets and a key objective of this procurement is to enable a significant reduction in the use of diesel on the programme by enabling the use of hydrogen powered plant, machinery and generators. The procurement covers the supply, delivery, storage on site and dispensing of Low Carbon Hydrogen for use by the LTC appointed Delivery Partners to fuel their construction plant and equipment. Making hydrogen easily available could displace a significant amount of the diesel forecast to be used during construction.

### **II.1.5) Estimated total value**

Value excluding VAT: £80,000,000

### **II.1.6) Information about lots**

This contract is divided into lots: No

## **II.2) Description**

### **II.2.2) Additional CPV code(s)**

- 09000000 - Petroleum products, fuel, electricity and other sources of energy
- 24111600 - Hydrogen

- 65000000 - Public utilities
- 65400000 - Other sources of energy supplies and distribution
- 71314300 - Energy-efficiency consultancy services

### **II.2.3) Place of performance**

NUTS codes

- UK - United Kingdom
- UKH - East of England
- UKH3 - Essex
- UKJ - South East (England)
- UKJ4 - Kent

Main site or place of performance

Thurrock, Tilbury and East of Gravesend

### **II.2.4) Description of the procurement**

LTC is dedicated to achieving the lowest carbon solution to deliver the works. The scope of this procurement requires the supply, delivery, storage on site and dispensing of Low Carbon Hydrogen (and any equipment necessary to enable that supply) over 5 years. The Low Carbon Hydrogen supply contract has an estimated contract commencement date in mid 2025 with supply of hydrogen commencing in 2028. This will be an 8 year contract (consisting of a period of preparation and readiness to supply hydrogen and then 5 years of hydrogen supply) with the option to extend by up to two additional years (1+1) in the event this is required. The option to extend is included to mitigate the impact of delays to the LTC programme. Whilst National Highways' estimated total value of the contract is £80,000,000 + VAT, the actual outturn value of the contract will depend upon a number of factors, including the potential for an increase in hydrogen demand during the life of the contract, and to account for the potential impact of any delay to the LTC programme, and is expected to range from between £37,500,000 and £80,000,000.

The Low Carbon Hydrogen contract will be enabled for use by Lower Thames Crossing's Delivery Partners and by National Highways' contractors. The contract will be procured under the Competitive Dialogue Procedure (Public Contracts Regulations 2015).

### **II.2.5) Award criteria**

Price is not the only award criterion and all criteria are stated only in the procurement

documents

**II.2.6) Estimated value**

Value excluding VAT: £80,000,000

**II.2.7) Duration of the contract, framework agreement or dynamic purchasing system**

Duration in months

120

This contract is subject to renewal

No

**II.2.9) Information about the limits on the number of candidates to be invited**

Envisaged number of candidates: 3

**II.2.10) Information about variants**

Variants will be accepted: No

**II.2.11) Information about options**

Options: No

**II.2.13) Information about European Union Funds**

The procurement is related to a project and/or programme financed by European Union funds: No

**II.2.14) Additional information**

<https://highwaysengland.co.uk/lower-thames-crossing-home/>

<https://highwaysengland.citizenspace.com/ltc/consultation-2020/>

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## **Section III. Legal, economic, financial and technical information**

### **III.1) Conditions for participation**

#### **III.1.2) Economic and financial standing**

Selection criteria as stated in the procurement documents

#### **III.1.3) Technical and professional ability**

Selection criteria as stated in the procurement documents

### **III.2) Conditions related to the contract**

#### **III.2.2) Contract performance conditions**

Please refer to procurement documents for details

## **Section IV. Procedure**

### **IV.1) Description**

#### **IV.1.1) Type of procedure**

Competitive dialogue

#### **IV.1.8) Information about the Government Procurement Agreement (GPA)**

The procurement is covered by the Government Procurement Agreement: Yes

### **IV.2) Administrative information**

#### **IV.2.1) Previous publication concerning this procedure**

Notice number: [2024/S 000-023507](#)

#### **IV.2.2) Time limit for receipt of tenders or requests to participate**

Date

10 January 2025

Local time

12:00pm

#### **IV.2.3) Estimated date of dispatch of invitations to tender or to participate to selected candidates**

2 December 2024

#### **IV.2.4) Languages in which tenders or requests to participate may be submitted**

English

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## Section VI. Complementary information

### VI.1) Information about recurrence

This is a recurrent procurement: No

### VI.3) Additional information

The Contracting Authority will use an e-Sourcing portal in this procurement. General information on how to take part in this procurement is detailed below:

1. Register the Applicant company on the e-Sourcing portal (this is only required once). Check as the Applicant or someone in your organisation may already be registered.
2. Visit <https://nationalhighways.ukp.app.jaggaer.com/> and either log on or click the link to register. If registering for the first time the Applicant will be requested to accept the terms and conditions before proceeding.
3. To express Interest in this PQQ (referred to as a 'SQ' by National Highways) Login to the portal - Click the 'PQQs/ITTs Open to All Suppliers' link. (This shows all PQQ or ITT's open to any registered supplier on this portal). Click on this PQQ/ITT to access the content. Click the 'Express Interest' button at the top of the page. This will move the selected item into the Applicants 'My PQQs/ My ITT's page. (This is a secure area reserved for The Applicants projects only). The Applicant can access all attachments to the selected item by clicking into the 'Buyer Attachments' area.
4. To respond to the tender - Click 'My Response' under 'PQQ/ITT Details', The Applicant can then select either 'Create Response' or 'Decline to Respond' (please enter a reason if declining). Note the deadline for completion, (the closing date) and follow the onscreen instructions to complete your submission.
5. There will be a mixture of online and offline actions for you to perform. Once your submission is fully uploaded and considered complete, submit your reply using the 'Submit Response' button at the top of the page. This stage must be done for The Applicants submission to be considered.
6. The Applicant may save and exit their submission at any time during preparation up till the closing date. If left for a set period of time the system will time out and any unsaved data will be lost.
7. If you require any further technical assistance in the operation of the e-Sourcing portal, please consult the online help or contact the e-Sourcing help desk (0800 069 8630) available from 8am till 6pm.

Further information will be set out in the Tender Documents.

We also draw your attention to the Information Memorandum (IM) issued with the tender documents. The IM sets out some key information in relation to this procurement which you may want to consider before submitting an application,

National Highways will be holding a launch event on Thursday 5 December from 2.30 - 3.30 am. The purpose of the event is to provide an overview of the SQ process and the documents provided as part of this procurement. Attendance is optional and is not required in order to participate in the process. This will be a virtual event via Teams. If you would like to attend please contact us via the messaging system on the eSourcing portal or email [ancillaryprocurement@lowerthamescrossing.co.uk](mailto:ancillaryprocurement@lowerthamescrossing.co.uk) with the email addresses of those people who will be attending so that we can issue the invite.

## **VI.4) Procedures for review**

### **VI.4.1) Review body**

High Court of Justice - England

London

Country

United Kingdom

### **VI.4.2) Body responsible for mediation procedures**

National Highways

Bedford

Email

[ancillaryprocurement@lowerthamescrossing.co.uk](mailto:ancillaryprocurement@lowerthamescrossing.co.uk)

Country

United Kingdom

Internet address

<https://nationalhighways.ukp.app.jaggaer.com/>

### **VI.4.3) Review procedure**

Precise information on deadline(s) for review procedures

National Highways will incorporate a minimum 10-day standstill period at the point information on award of the contract is communicated to tenderers. Appeals should be lodged in accordance with the Public Contracts Regulations 2015 (SI 2015 No 102) as amended

**VI.4.4) Service from which information about the review procedure may be obtained**

National Highways

Woodlands, Manton Lane

Bedford

MK41 7LW

Email

[ancillaryprocurement@lowerthamescrossing.co.uk](mailto:ancillaryprocurement@lowerthamescrossing.co.uk)

Country

United Kingdom

Internet address

<https://nationalhighways.ukp.app.jaggaer.com/>