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Tender

Lower Thames Crossing (LTC) Low Carbon Hydrogen Supply

National Highways

F02: Contract notice

Notice identifier: 2023/S 000-019913

Procurement identifier (OCID): ocds-h6vhtk-03d447

Published 12 July 2023, 10:51am

Section I: Contracting authority

I.1) Name and addresses

National Highways

Bedford

Contact

Pavanjit Mann

Email

Pavanjit.Mann@nationalhighways.co.uk

Country

United Kingdom

Region code

UK - United Kingdom

National registration number

9346363

Internet address(es)

Main address

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

Buyer's address

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

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

Electronic communication requires the use of tools and devices that are not generally available. Unrestricted and full direct access to these tools and devices is possible, free of charge, at

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

I.4) Type of the contracting authority

National or federal Agency/Office

I.5) Main activity

Economic and financial affairs

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 proposed new road connecting Kent, Thurrock and Essex through tunnels underneath the River Thames. The Programme will relieve the congested Dartford Crossing and approach roads and improve their performance by providing sufficient north-south road capacity. On the south side of the River Thames, the new road will link the tunnel to the A2 and M2 in Kent. On the north side, it will link to the A13 and junction 29 of the M25 in the London Borough of Havering. This procurement is for the production, delivery and storage (including dispensing) on site of Low Carbon Hydrogen for the Lower Thames Crossing Project. The Low Carbon Hydrogen will be used to fuel the construction plant.

II.1.5) Estimated total value

Value excluding VAT: £50,000,000

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
- 31000000 - Electrical machinery, apparatus, equipment and consumables; lighting
- 42000000 - Industrial machinery
- 43000000 - Machinery for mining, quarrying, construction equipment
- 43200000 - Earthmoving and excavating machinery, and associated parts
- 43300000 - Construction machinery and equipment
- 45000000 - Construction work
- 65000000 - Public utilities
- 65400000 - Other sources of energy supplies and distribution
- 71311000 - Civil engineering consultancy services
- 71314300 - Energy-efficiency consultancy services

II.2.3) Place of performance

NUTS codes

- UK - United Kingdom
- UKC - North East (England)
- UKI - London
- UKI3 - Inner London – West
- UKI4 - Inner London – East
- UKI5 - Outer London – East and North East
- UKJ - South East (England)
- UKK - South West (England)

Main site or place of performance

Kent, Thurrock, East of Gravesend and Tilbury.

II.2.4) Description of the procurement

The Lower Thames Crossing (LTC) is dedicated to achieving the lowest carbon solution to deliver the works. The scope requirements include supply of an estimated of 6200 tonnes of Hydrogen over 5 years, delivery and storage (including dispensing) on site of Low Carbon Hydrogen for the Lower Thames Crossing Project. The Low Carbon Hydrogen will be used to fuel the construction plant.

The implementation of a Low Carbon Hydrogen Supply contract will be enabled for use by Lower Thames Crossing main works contractors. The contract will be procured under the Competitive Dialogue Procedure (Public Contracts Regulations 2015) and based on an NEC4 form.

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: £50,000,000

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

Duration in months

96

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/>

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

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 see procurement documents for details.

Section IV. Procedure

IV.1) Description

IV.1.1) Type of procedure

Competitive dialogue

IV.1.3) Information about a framework agreement or a dynamic purchasing system

The procurement involves the establishment of a framework agreement

Framework agreement with a single operator

In the case of framework agreements, provide justification for any duration exceeding 4 years:

- The 2.5 year set up/mobilisation period for the supply of Low Carbon Hydrogen;
- The economically viability for suppliers and National Highways to invest in the activity;
- The requirement for Low Carbon Hydrogen on the programme over at least 8 years (and the impact of mobilisation times and non-transferability of technology on future competition);

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: [2023/S 000-016115](#)

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

Date

8 August 2023

Local time

12:00pm

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

English

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.

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

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

Country

United Kingdom

Internet address

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