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Tender

Lower Thames Crossing (LTC) Roads North of the Thames Contract and Kent Roads Contract

Highways England Company Limited

F02: Contract notice

Notice identifier: 2021/S 000-006746

Procurement identifier (OCID): ocds-h6vhtk-02a1cb

Published 1 April 2021, 12:56am

Section I: Contracting authority

I.1) Name and addresses

Highways England Company Limited

Woodlands, Manton Lane

BEDFORD

MK41 7LW

Email

ltcprocurement@highwaysengland.co.uk

Country

United Kingdom

NUTS code

UKH2 - Bedfordshire and Hertfordshire

National registration number

9346363

Internet address(es)

Main address

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

Buyer's address

<https://highways.bravosolution.co.uk/web/login.shtml>

I.3) Communication

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

<https://highways.bravosolution.co.uk/web/login.shtml>

Additional information can be obtained from the above-mentioned address

Tenders or requests to participate must be submitted electronically via

<https://highways.bravosolution.co.uk/web/login.shtml>

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://highways.bravosolution.co.uk/web/login.shtml>

I.4) Type of the contracting authority

National or federal Agency/Office

I.5) Main activity

Other activity

Highways

Section II: Object

II.1) Scope of the procurement

II.1.1) Title

Lower Thames Crossing (LTC) Roads North of the Thames Contract and Kent Roads Contract

II.1.2) Main CPV code

- 45000000 - Construction work

II.1.3) Type of contract

Works

II.1.4) Short description

Highways England is the government company charged with operating, maintaining and improving England's strategic road network. 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. There are three Main Works contracts in this Programme. This procurement is for the Roads North of the Thames Contract and Kent Roads Contract, which will interface with the Tunnels and Approaches Contract.

II.1.5) Estimated total value

Value excluding VAT: £1,900,000,000

II.1.6) Information about lots

This contract is divided into lots: Yes

Tenders may be submitted for all lots

Maximum number of lots that may be awarded to one tenderer: 2

II.2) Description

II.2.1) Title

Kent Roads

Lot No

1

II.2.2) Additional CPV code(s)

- 31600000 - Electrical equipment and apparatus
- 34928110 - Road barriers
- 34928470 - Signage
- 45000000 - Construction work
- 45100000 - Site preparation work
- 45110000 - Building demolition and wrecking work and earthmoving work
- 45111000 - Demolition, site preparation and clearance work
- 45111100 - Demolition work
- 45111200 - Site preparation and clearance work
- 45112000 - Excavating and earthmoving work
- 45112100 - Trench-digging work
- 45112500 - Earthmoving work
- 45112700 - Landscaping work
- 45113000 - Siteworks
- 45221000 - Construction work for bridges and tunnels, shafts and subways

- 45221121 - Road viaduct construction work
- 45221211 - Underpass
- 45232450 - Drainage construction works
- 45232452 - Drainage works
- 45233000 - Construction, foundation and surface works for highways, roads
- 45233100 - Construction work for highways, roads
- 45233110 - Motorway construction works
- 45233120 - Road construction works
- 45233130 - Construction work for highways
- 45233140 - Roadworks
- 45262220 - Water-well drilling
- 45310000 - Electrical installation work
- 45350000 - Mechanical installations
- 51100000 - Installation services of electrical and mechanical equipment
- 65000000 - Public utilities
- 71000000 - Architectural, construction, engineering and inspection services
- 71200000 - Architectural and related services
- 71311220 - Highways engineering services
- 71321000 - Engineering design services for mechanical and electrical installations for buildings
- 71322000 - Engineering design services for the construction of civil engineering works
- 71334000 - Mechanical and electrical engineering services
- 71400000 - Urban planning and landscape architectural services

- 71420000 - Landscape architectural services
- 71500000 - Construction-related services
- 92222000 - Closed circuit television services

II.2.3) Place of performance

NUTS codes

- UKJ - SOUTH EAST (ENGLAND)

Main site or place of performance

Kent, Thurrock, East of Gravesend and Tilbury

II.2.4) Description of the procurement

This procurement is for the design and build of the following two lots which will be procured under a Competitive Procedure with Negotiation. The contracts will be based on the NEC4 Engineering and Construction Contract (ECC) form of contract. Each lot will consist of a two-stage contract approach; Stage One will involve development of the design, methodologies and price, followed by detailed design and construction in Stage Two.

The scope for each lot is as follows:

Lot 1: Kent Roads

The contract is a design and build contract for part of the Project route connecting the A2/M2 Corridor via a multi-level free flowing complex junction to 1km south of the tunnel's southern portal. There are significant online works including the realignment and widening of the existing A2 and the construction of the Gravesend East Junction upgrade. The contract works comprise an A2 bridge over the LTC link, 2 viaducts, and numerous other bridge and retaining wall structures. The contract also includes the design, demolition and construction of a replacement green bridge for Brewers Road and Thong Lane over the A2 and a new green bridge over the new LTC alignment on Thong Lane. This contract includes significant diversion of key UK critical utilities, early archaeological investigation works and the relocation and management of the seasonal environmental works.

Lot 2: Roads North of the Thames

The contract is a design and build contract for part of the Project route that takes the project from 1km north of the tunnel's northern portal and continues for 12.7km through predominantly green field site to LTC's junction with the M25, the route includes 5km of

online works between the junction with M25 and completes just north of M25 J29. The route is dual 3 lanes from the tunnel to the A13 interchange, a three level and between the A13 and M25 the route is 3 lanes northbound and 2 lanes southbound where it crosses under M25 via a box jack structure. Other significant features of the route are where it crosses the Tilbury loop line and A1089, a new multi-level junction connecting the route with the A13 near Orsett and a viaduct at the Mardyke river through Orsett Fen.

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: £600,000,000

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

Duration in months

132

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: 4

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/>

II.2) Description

II.2.1) Title

Roads North of the Thames

Lot No

2

II.2.2) Additional CPV code(s)

- 31600000 - Electrical equipment and apparatus
- 34928110 - Road barriers
- 34928470 - Signage
- 45000000 - Construction work
- 45100000 - Site preparation work
- 45110000 - Building demolition and wrecking work and earthmoving work
- 45111000 - Demolition, site preparation and clearance work
- 45111100 - Demolition work
- 45111200 - Site preparation and clearance work
- 45112000 - Excavating and earthmoving work
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- 45113000 - Siteworks
- 45221000 - Construction work for bridges and tunnels, shafts and subways
- 45221121 - Road viaduct construction work
- 45221211 - Underpass
- 45232450 - Drainage construction works
- 45232452 - Drainage works
- 45233000 - Construction, foundation and surface works for highways, roads
- 45233100 - Construction work for highways, roads
- 45233110 - Motorway construction works
- 45233120 - Road construction works
- 45233130 - Construction work for highways
- 45233140 - Roadworks
- 45262220 - Water-well drilling
- 45310000 - Electrical installation work
- 45350000 - Mechanical installations
- 51100000 - Installation services of electrical and mechanical equipment
- 65000000 - Public utilities
- 71000000 - Architectural, construction, engineering and inspection services
- 71200000 - Architectural and related services
- 71311220 - Highways engineering services
- 71321000 - Engineering design services for mechanical and electrical installations for buildings
- 71322000 - Engineering design services for the construction of civil engineering works

- 71334000 - Mechanical and electrical engineering services
- 71400000 - Urban planning and landscape architectural services
- 71420000 - Landscape architectural services
- 71500000 - Construction-related services
- 92222000 - Closed circuit television services

II.2.3) Place of performance

NUTS codes

- UKH - EAST OF ENGLAND

Main site or place of performance

Kent, Thurrock, East of Gravesend and Tilbury.

II.2.4) Description of the procurement

This procurement is for the design and build of the following two lots which will be procured under a Competitive Procedure with Negotiation. The contracts will be based on the NEC4 Engineering and Construction Contract (ECC) form of contract. Each lot will consist of a two-stage contract approach; Stage One will involve development of the design, methodologies and price, followed by detailed design and construction in Stage Two.

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Lot 2: Roads North of the Thames

The contract is a design and build contract for part of the Project route that takes the project from 1km north of the tunnel's northern portal and continues for 12.7km through predominantly green field site to LTC's junction with the M25, the route includes 5km of online works between the junction with M25 and completes just north of M25 J29. The route is dual 3 lanes from the tunnel to the A13 interchange, a three level and between the A13 and M25 the route is 3 lanes northbound and 2 lanes southbound where it crosses under M25 via a box jack structure. Other significant features of the route are where it crosses the Tilbury loop line and A1089, a new multi-level junction connecting the route with the A13 near Orsett and a viaduct at the Mardyke river through Orsett Fen.

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: £1,300,000,000

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

Duration in months

132

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/>

Section III. Legal, economic, financial and technical information

III.1) Conditions for participation

III.1.1) Suitability to pursue the professional activity, including requirements relating to enrolment on professional or trade registers

List and brief description of conditions

Suitability to pursue the professional activity, including requirements relating to enrolment on professional or trade registers Constructionline (<https://constructionline.co.uk/>) is the UK Government's national pre-qualification register for construction contractors and consultants. Applicants may demonstrate their suitability for a number of aspects in the selection process through providing their registration number for their valid and up to date Constructionline account. Contractors or Incorporated Consortiums submitting an application should provide their Constructionline registration number. For unincorporated Consortiums submitting an application each member of the group should provide their individual Constructionline registration number. Constructionline members are requested to ensure their profile is valid and up to date for the purposes of this tendering process. Where applicants do not have a Constructionline account, or a valid and up to date Constructionline account, they will have the opportunity to demonstrate their suitability through other means, in accordance with the procurement documents.

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 procedure with negotiation

IV.1.5) Information about negotiation

The contracting authority reserves the right to award the contract on the basis of the initial tenders without conducting negotiations

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: [2019/S 026-056978](#)

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

Date

14 May 2021

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://highways.bravosolution.co.uk> 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 Highways England (HE)) 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 assistance, please consult the online help or contact the E-Sourcing help desk.

8. This procurement falls within the scope of HM Revenue and Customs' Construction Industry Scheme.

9. The end date stated at II.2.7 of this notice takes into account a five year landscape maintenance and aftercare contract from the handover.

The estimated value of this procurement of £1,900,000,000 is based on the total amount currently estimated to be payable by HE for both Lot 1 and Lot 2. This reflects the sum of HE's current estimate of the expected combined contract values and an estimate of other payments that may be payable by HE under the terms of the contract, dependent upon risks arising during performance of the contract. The breakdown of this is as follows:

Lot 1: Kent Roads South: £600,000,000 comprising estimated cost plus contingency for risk

Lot 2: Roads North of the Thames: £1,300,000,000 comprising estimated cost plus contingency for risk.

Further information will be provided in the procurement documents.

It is mandatory for new Central Government contracts, which feature characteristics involving the handling of personal data and ICT systems designed to store or process data at the OFFICIAL level of the Government Security Classifications scheme (link below), to comply with Cyber Essentials. All potential tenderers for Central Government contracts, featuring the above characteristics, should be aware of the requirements for the appropriate level of certification. Further information:

www.gov.uk/government/publications/government-security-classifications &
www.gov.uk/government/publications/cyber-essentials-scheme-overview.

The successful tenderer will be required to accept the HE Fair Payment Charter as a condition of acceptance of their tender. HE intends to work with the winning bidder to explore opportunities for further efficiencies and improvements; discussions will take place during the mobilisation period. HE reserve the right to invite or not invite variant bids at their sole discretion.

VI.4) Procedures for review

VI.4.1) Review body

High Court of Justice - England

London

Country

United Kingdom

VI.4.3) Review procedure

Precise information on deadline(s) for review procedures

Highways England 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

Highways England Company Limited

Woodland, Manton Lane

Bedford

MK41 7LW

Email

ltcprocurement@highwaysengland.co.uk

Country

United Kingdom

Internet address

<https://highways.bravosolution.co.uk/web/login.shtml>