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Contract

Railway Systems Procurement for the HS2 Project Third Party Telecommunications Systems

HS2

F06: Contract award notice – utilities

Notice identifier: 2025/S 000-005198

Procurement identifier (OCID): ocds-h6vhtk-02bf25

Published 14 February 2025, 3:17pm

Section I: Contracting entity

I.1) Name and addresses

HS2

High Speed Two (HS2) Ltd, Two Snowhill, Queensway

Birmingham

B4 6GA

Email

scc@hs2.org.uk

Country

United Kingdom

Region code

UK - United Kingdom

Internet address(es)

Main address

<https://www.gov.uk/government/organisations/high-speed-two-limited>

Buyer's address

<https://hs2.bravosolution.co.uk/web/index.html>

I.6) Main activity

Railway services

Section II: Object

II.1) Scope of the procurement

II.1.1) Title

Railway Systems Procurement for the HS2 Project Third Party Telecommunications Systems

II.1.2) Main CPV code

- 45232300 - Construction and ancillary works for telephone and communication lines

II.1.3) Type of contract

Works

II.1.4) Short description

Third-Party Telecommunications Systems are to be procured as a single package, with two contracts, formed of Design & Build and Interim Operator elements.

The Third-Party Telecommunications Contractor will be responsible for the design, supply, installation, testing & commissioning and interim operation of the Third-Party Telecommunication systems, this includes:

Passenger communication systems: Radio Access Network infrastructure to support the provision of voice and data mobile communications for HS2 users in stations and on the trains throughout the HS2 estate. This will require engagement and management of

commercial arrangements with Mobile Network Operators (MNOs);

Emergency Services Network: (ESN) (tunnels and stations): Radio Access Network infrastructure to support coverage in stations, tunnels, depots and line of route to facilitate mobile communications for emergency response operations. This will include engagement and management of commercial arrangements with the ESN radio access network provider, on behalf of HS2 and or/ the Home Office;

Station Data Network (SDN): fixed and mobile communications including Distributed Antenna System (DAS) communication network to support both operational and public connectivity within all HS2 stations. This will include transmission services (Ethernet, Wi-Fi, ESN and mobile cellular) to station operational systems, retail systems, customer information, customer communication and business systems; and

Interim operations: during trial operations, a separate contract will be awarded to the Third Party Telecommunications Contractor (Interim Operator) to operate and maintain the Third Party Telecommunication systems including provision of MNO, ESN and SDN services during trial operations.

II.1.6) Information about lots

This contract is divided into lots: No

II.1.7) Total value of the procurement (excluding VAT)

Value excluding VAT: £80,540,408.66

II.2) Description

II.2.2) Additional CPV code(s)

- 32000000 - Radio, television, communication, telecommunication and related equipment
- 32200000 - Transmission apparatus for radiotelephony, radiotelegraphy, radio broadcasting and television
- 32400000 - Networks
- 32412100 - Telecommunications network
- 32500000 - Telecommunications equipment and supplies
- 32524000 - Telecommunications system

- 34940000 - Railway equipment
- 35120000 - Surveillance and security systems and devices
- 45230000 - Construction work for pipelines, communication and power lines, for highways, roads, airfields and railways; flatwork
- 45232332 - Ancillary works for telecommunications
- 45234100 - Railway construction works
- 45314000 - Installation of telecommunications equipment
- 45314300 - Installation of cable infrastructure
- 48219700 - Communications server software package
- 50200000 - Repair, maintenance and associated services related to aircraft, railways, roads and marine equipment
- 50330000 - Maintenance services of telecommunications equipment
- 50332000 - Telecommunications-infrastructure maintenance services
- 51100000 - Installation services of electrical and mechanical equipment
- 51300000 - Installation services of communications equipment
- 64200000 - Telecommunications services
- 64227000 - Integrated telecommunications services
- 71316000 - Telecommunication consultancy services
- 71320000 - Engineering design services
- 71334000 - Mechanical and electrical engineering services

II.2.3) Place of performance

NUTS codes

- UK - United Kingdom

II.2.4) Description of the procurement

Third-Party Telecommunications Systems are to be procured as a single package, with two contracts, formed of Design & Build and Interim Operator elements.

The Third-Party Telecommunications Contractor will be responsible for the design, supply, installation, testing & commissioning and interim operation of the Third-Party Telecommunication systems, this includes:

Passenger communication systems: Radio Access Network infrastructure to support the provision of voice and data mobile communications for HS2 users in stations and on the trains throughout the HS2 estate. This will require engagement and management of commercial arrangements with Mobile Network Operators (MNOs);

Emergency Services Network: (ESN) (tunnels and stations): Radio Access Network infrastructure to support coverage in stations, tunnels, depots and line of route to facilitate mobile communications for emergency response operations. This will include engagement and management of commercial arrangements with the ESN radio access network provider, on behalf of HS2 and or/ the Home Office;

Station Data Network (SDN): fixed and mobile communications including Distributed Antenna System (DAS) communication network to support both operational and public connectivity within all HS2 stations. This will include transmission services (Ethernet, Wi-Fi, ESN and mobile cellular) to station operational systems, retail systems, customer information, customer communication and business systems; and

Interim operations: during trial operations, a separate contract will be awarded to the Third Party Telecommunications Contractor (Interim Operator) to operate and maintain the Third Party Telecommunication systems including provision of MNO, ESN and SDN services during trial operations.

The Contracts

Design & Build Contract: A contract for the design and build based on the NEC3 Engineering and Construction Contract (April 2013) Pricing Option C (Target Price with an Activity Schedule), will be used with suitable HS2 Ltd amendments and choice of optional X and Z clauses.

Interim Operator Contract: A contract for maintenance and interim operational services based on the NEC3 Term Service Contract (April 2013) Pricing Option A (Priced Contract with price list) with suitable HS2 Ltd amendments including a choice of optional X and Z clauses.

Upon completion the works will be handed over to a long-term Operating Partner. The

Operating Partner will operate and maintain the systems and to provide MNO, ESN and SDN services by the start of full HS2 passenger services. The Operating Partner contract is out of scope of this procurement.

II.2.5) Award criteria

Quality criterion - Name: Qualification Envelope and Compliance / Weighting: Pass/Fail

Quality criterion - Name: Technical / Weighting: 70%

Cost criterion - Name: Commercial / Weighting: 30%

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

Section IV. Procedure

IV.1) Description

IV.1.1) Type of procedure

Negotiated procedure with prior call for 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: [2021/S 000-014258](#)

IV.2.9) Information about termination of call for competition in the form of a periodic indicative notice

The contracting entity will not award any further contracts based on the above periodic indicative notice

Section V. Award of contract

A contract/lot is awarded: Yes

V.2) Award of contract

V.2.1) Date of conclusion of the contract

23 January 2025

V.2.2) Information about tenders

Number of tenders received: 7

The contract has been awarded to a group of economic operators: No

V.2.3) Name and address of the contractor

Hitachi Rail GTS UK Limited and Telent Technology Services Limited Joint Venture

Quadrant House 4 Thomas More Square, Thomas More Street

London

E1W 1YW

Country

United Kingdom

NUTS code

- UK - United Kingdom

The contractor is an SME

No

Section VI. Complementary information

VI.4) Procedures for review

VI.4.1) Review body

High Court

London

Country

United Kingdom

VI.4.2) Body responsible for mediation procedures

High Court

London

Country

United Kingdom