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Planning

Train Control Systems Framework

Network Rail Infrastructure Ltd

F04: Periodic indicative notice – utilities

Periodic indicative notice only

Notice identifier: 2022/S 000-019181

Procurement identifier (OCID): ocds-h6vhtk-035195

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Section I: Contracting entity

I.1) Name and addresses

Network Rail Infrastructure Ltd

1 Eversholt Street

London

NW1 2DN

Email

drtspcurement@networkrail.co.uk

Telephone

+44 1908781000

Country

United Kingdom

NUTS code

UK - United Kingdom

Internet address(es)

Main address

www.networkrail.co.uk

I.3) Communication

Additional information can be obtained from the above-mentioned address

I.6) Main activity

Railway services

Section II: Object

II.1) Scope of the procurement

II.1.1) Title

Train Control Systems Framework

II.1.2) Main CPV code

- 45234115 - Railway signalling works

II.1.3) Type of contract

Works

II.1.4) Short description

Network Rail (NR) are planning to establish a multi-supplier National Train Control Systems framework (NTCSF) for the delivery of major train control works and renewals to modify and/or enhance the existing rail network across Great Britain. The scope of the NTCSF includes delivery of European Train Control System (ETCS) compliant digital signalling, conventional signalling and digital signalling maintenance. Suppliers will be required to

provide a range of works and/or services covering design, build and maintenance support for either or both types of signalling system (other than maintenance which will be limited to ETCS systems). The beneficiaries of work to be delivered under the proposed framework will be NR and may also include East West Rail Limited.

Network Rail (NR) intends to award a 10-year framework with an estimated value of approximately £4bn. Network Rail intends to appoint 5 suppliers to the framework.

Network Rail will be hosting a pre-launch supplier event on Wednesday 20th July 2022 at Wesley Hotel, Euston in London, at 10am to provide an update to the market in relation to this forthcoming opportunity.

If you are interested in joining the event to find out more information, please email: drtspcurement@networkrail.co.uk

II.1.5) Estimated total value

Value excluding VAT: £4,000,000,000

II.1.6) Information about lots

This contract is divided into lots: No

II.2) Description

II.2.2) Additional CPV code(s)

- 34632000 - Railways traffic-control equipment
- 34632200 - Electrical signalling equipment for railways
- 34632300 - Electrical installations for railways
- 34941800 - Railway points
- 34942000 - Signalling equipment
- 34943000 - Train-monitoring system
- 45316200 - Installation of signalling equipment
- 48140000 - Railway traffic control software package

- 71320000 - Engineering design services
- 72212140 - Railway traffic control software development services

II.2.3) Place of performance

NUTS codes

- UK - United Kingdom

II.2.4) Description of the procurement

This notice relates to a supplier market pre-launch event, ahead of the issue of the Contract Notice for the Train Control Systems Framework, to be held on the 20th July 2022 in London.

NR's strategic objectives for the proposed framework is to support the growth and development of the GB signalling market and to encourage adoption of open interfaces.

It is intended that signalling suppliers will be required to demonstrate their ability to achieve product approval for use on the GB rail network of signalling systems whether that be ETCS, conventional signalling or both. Those able to demonstrate, in response to the relevant questions, a suitable approach to delivery of both forms of signalling will have the potential to secure a higher score for that element of their tender. However, this will not preclude those suppliers only able or prepared to commit to one form of signalling system provision being able to secure a place on the framework (provided they achieve an overall score that places them in the top 5 ranked tenders).

Suppliers will be committed to progressing the solutions they offer in the tender. However, it will be possible once a supplier has secured a place on the framework for one type of signalling system to seek (without any compulsion to do so) to expand its product approvals to include the other signalling system type.

The framework length proposed reflects the recognition of the need for development of longer term relationships with signalling suppliers, in order to (1) encourage collaborative behaviours in support of NR signalling objectives and efficiencies, (2) enable suppliers to achieve a return on investment in technology and resource development and (3) provide increased certainty of work being secured through achievement of a place on a framework.

In order to facilitate the above NR propose, through the NTCFS procurement (1) to provide minimum commitments to each supplier appointed to the framework which will be based on a percentage of the projects placed through the framework being allocated to each of the suppliers (with the percentage being dependent on the ranking of the supplier in the framework tender evaluation); and (2) to allocate projects primarily through application of

criteria (which will be set out in the procurement documentation) rather than mini-competition (though this can be used in certain circumstances) which will include a mechanism to support delivery of the minimum commitment.

In the context of NR's strategic objectives, the forecast significant ramp up of digitalisation of signalling systems on the network over the next 5-15 years provides opportunities for expansion of suppliers operating or wanting to operate in the GB signalling market through development of ETCS signalling solutions. To assist in encouragement of suppliers to develop ETCS solutions for the GB network, NR is, through the proposed framework, proposing to enter into development commission contracts with suppliers through which NR will make a contribution to actual development costs.

The proposed framework will also make it possible for suppliers to develop conventional signalling solutions for the GB network, even where they do not currently have this in place. However, there will be not be any funding contribution made available by NR in that context.

II.2.14) Additional information

NR wishes to encourage suppliers interested in the GB signalling market to attend the supplier event on the 20 July 2022 to find out more about the opportunities that are proposed to be made available through the intended NTCSF framework procurement and how the proposals outlined in this notice may facilitate their engagement in such opportunities.

II.3) Estimated date of publication of contract notice

29 July 2022

Section IV. Procedure

IV.1) Description

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

The procurement is covered by the Government Procurement Agreement: No