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Tender

Design Contest-Track Buckle Risk and Detection

Network Rail Infrastructure Ltd

F12: Design contest notice

Notice identifier: 2022/S 000-033038

Procurement identifier (OCID): ocds-h6vhtk-038732

Published 22 November 2022, 9:57am

Section I: Contracting authority/entity

I.1) Name and addresses

Network Rail Infrastructure Ltd

1 Eversholt Street

London

NW1 2DN

Contact

Elise Gallacher

Email

Elise.Gallacher@networkrail.co.uk

Telephone

+44 1908781000

Country

United Kingdom

Region code

UK - United Kingdom

Internet address(es)

Main address

<https://networkrail.bravosolution.co.uk>

I.3) Communication

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

<https://networkrail.bravosolution.co.uk/esop/guest/go/opportunity/detail?opportunityId=53140>

Additional information can be obtained from the above-mentioned address

Tenders or requests to participate must be submitted electronically via

<https://networkrail.bravosolution.co.uk>

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

I.6) Main activity

Other activity

Track Buckle Risk and Detection

Section II: Object

II.1) Scope of the procurement

II.1.1) Title

Design Contest-Track Buckle Risk and Detection

II.1.2) Main CPV code

- 73300000 - Design and execution of research and development

II.2) Description

II.2.2) Additional CPV code(s)

- 34940000 - Railway equipment
- 34941200 - Track rails
- 34945000 - Track-alignment machinery
- 50225000 - Railway-track maintenance services
- 71631470 - Railway-track inspection services

II.2.4) Description of the procurement

The onset of hot weather brings with it the risk of track buckling if high rail temperatures are combined with deficiencies within the track system (i.e., incorrect rail stress, disturbed / deficient ballast, lateral alignment faults, incorrect rail joint gaps, etc.). Ideally, all such deficiencies should be eliminated before the hot weather season starts. As air temperatures increase during periods of hot weather, rail temperatures also increase. Metals expand and contract as the temperature changes. If a length of steel rail is rigidly clamped at both ends and then heated, the metal expands and is put under compression until the force becomes too great and exceeds the track systems lateral resistance forces.

A PIN was run in early 2021 to determine the levels of pre-market engagement of this challenge statement which received a strong response. Network Rail would like to invite prospective suppliers to complete Phase 1 and 2 of the Track Buckle Risk and Detection Tender we are putting out which will ask a range of Qualification, Technical and Commercial questions.

The documents required to determine your decision to participate are attached in the Opportunity listing - .

<https://networkrail.bravosolution.co.uk/esop/guest/go/opportunity/detail?opportunityId=531>

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To access the instruction and guidance on how to be a part of the tender please follow the below steps to access the ITT for Track Buckle Risk and Detection:

1. Follow the link - <https://networkrail.bravosolution.co.uk/web/login.html>
2. From the welcome screen, access ITT_14637 and ITT_14638

Please note: The deadline for this tender is 19/12/2022 17:00pm and you must complete both Phase 1 and 2 ITT's to be considered for this contract.

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.1.2) Type of contest

Open

IV.1.9) Criteria for the evaluation of projects

Refer to the Network Rail Criteria and Scoring document. This can be accessed via the following link.

<https://networkrail.bravosolution.co.uk/esop/guest/go/opportunity/detail?opportunityId=53140>

IV.2) Administrative information

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

Date

19 December 2022

Local time

5:00pm

IV.2.4) Languages in which projects or requests to participate may be drawn up

English

IV.3) Rewards and jury

IV.3.1) Information about prize(s)

A prize/prizes will be awarded: no

IV.3.3) Follow-up contracts

Any service contract following the contest will be awarded to the winner or winners of the contest: yes

IV.3.4) Decision of the jury

The decision of the jury is binding on the contracting authority/entity: yes

Section VI. Complementary information

VI.4) Procedures for review

VI.4.1) Review body

The High Court

The Strand

London

WC2A 1AA

Country

United Kingdom