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Planning

## **Synthetic Environment for the Design & Test of Signalling Solutions (Phase 2 & 3)**

Network Rail Infrastructure Ltd

F01: Prior information notice

Prior information only

Notice identifier: 2024/S 000-033059

Procurement identifier (OCID): ocids-h6vhtk-04abfa

Published 14 October 2024, 5:10pm

### **Section I: Contracting authority**

#### **I.1) Name and addresses**

Network Rail Infrastructure Ltd

Waterloo General Offices

London

SE1 8SW

#### **Contact**

Naomi Nortey

#### **Email**

[DRTSProcurement@networkrail.co.uk](mailto:DRTSProcurement@networkrail.co.uk)

#### **Telephone**

+44 1908781000

**Country**

United Kingdom

**Region code**

UK - United Kingdom

**Internet address(es)**

Main address

[www.networkrail.co.uk](http://www.networkrail.co.uk)

Buyer's address

<https://networkrail.bravosolution.co.uk/web/login.html>

**I.3) Communication**

Additional information can be obtained from the above-mentioned address

**I.4) Type of the contracting authority**

Body governed by public law

**I.5) Main activity**

Other activity

Railway services

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## **Section II: Object**

### **II.1) Scope of the procurement**

#### **II.1.1) Title**

Synthetic Environment for the Design & Test of Signalling Solutions (Phase 2 & 3)

#### **II.1.2) Main CPV code**

- 72212517 - IT software development services

#### **II.1.3) Type of contract**

Services

#### **II.1.4) Short description**

Network Rail (NR) requires a digital solution to develop signalling scheme designs and facilitate the integration of that design into the operational railway providing interfaces to a target signalling system.

The Target 190plus Synthetic Environment (SE) is a significant Research & Development project that will define, develop and deliver capabilities that will enable efficient design, integration, testing, and validation of Future Control Command Signalling (F-CCS) schemes and products.

#### **II.1.5) Estimated total value**

Value excluding VAT: £20,000,000

#### **II.1.6) Information about lots**

This contract is divided into lots: No

### **II.2) Description**

#### **II.2.2) Additional CPV code(s)**

- 72212140 - Railway traffic control software development services
- 72212321 - Computer-aided design (CAD) software development services
- 72212517 - IT software development services
- 72262000 - Software development services

- 72317000 - Data storage services

### **II.2.3) Place of performance**

NUTS codes

- UK - United Kingdom

### **II.2.4) Description of the procurement**

The proposed procurement event will involve Phase 2 and 3 of the SE Project:

Phase 2: Development of a Minimum Viable Product (MVP) for SE

Phase 3: SE Version 1 capable of delivering the foreseen requirements and scope options for F-CCS projects and ready for transition into Business as Usual.

Prior to commencing any formal procurement process, Network Rail wish to engage with interested suppliers in relation to the proposed procurement and services.

#### **II.2.14) Additional information**

To express an interest in this procurement event please send an email to the address provided in this PIN with the subject heading SYNTHETIC ENVIRONMENT PHASE 2 & 3.

A PIN EoI document will be sent with background information and a form for completion.

### **II.3) Estimated date of publication of contract notice**

18 November 2024

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## **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: Yes

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## **Section VI. Complementary information**

### **VI.3) Additional information**

To express an interest in this procurement event please send an email to the address provided in this PIN with the subject heading SYNTHETIC ENVIRONMENT PHASE 2 & 3

A PIN/ EoI document will be sent with background information and a form for completion.

II.1.5) Estimated total value of £20m is for the delivery of Phases 2 & 3 of the SE to Version 1. Current budget approved for Phase 2 of £10m with Phase 3 subject to budget approval, performance and agreement by both parties to proceed.