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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): ocds-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

Telephone

+44 1908781000

Country

United Kingdom

Region code

UK - United Kingdom

Internet address(es)

Main address

<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

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

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

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.