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Planning

InSAR Data Provision

Network Rail Infrastructure Ltd

F04: Periodic indicative notice – utilities
Periodic indicative notice only
Notice identifier: 2023/S 000-031194
Procurement identifier (OCID): ocds-h6vhtk-040e2d
Published 23 October 2023, 1:32pm

Section I: Contracting entity

I.1) Name and addresses

Network Rail Infrastructure Ltd

Waterloo General Offices

London

SE1 8SW

Email

abdul.jahid@networkrail.co.uk

Telephone

+44 1908781000

Country

United Kingdom

Region 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

InSAR Data Provision

II.1.2) Main CPV code

- 72222300 - Information technology services

II.1.3) Type of contract

Services

II.1.4) Short description

Network Rail (NR) owns, operates, and maintains the UK Rail Infrastructure. Network Rail has been utilising a variety of large scale remotely sensed data since 2014 when a national aerial survey captured high resolution aerial imagery, lidar and near infra-red data from a helicopter. The 2014 data was captured during the summer months and provided Network Rail with a comprehensive view of vegetation. Between 2019 and 2021 Network Rail re-captured the aerial imagery and lidar during the winter months to obtain a leaves-off view of the earthworks.

With the emergence of satellite earth observation data, Network Rail is looking beyond

airborne remote sensing data to gain intelligence about factors that may influence the safe operation of the railway. Interferometric Synthetic Aperture Radar (InSAR) offers the potential to monitor ground deformation at very high temporal and spatial resolution.

Network Rail would like to create an integrated system that combines InSAR with existing asset data to provide the business with insight into ground movements across and beyond our ownership boundary.

II.1.6) Information about lots

This contract is divided into lots: No

II.2) Description

II.2.2) Additional CPV code(s)

• 72222300 - Information technology services

II.2.3) Place of performance

NUTS codes

• UK - United Kingdom

II.2.4) Description of the procurement

Responses are invited in any format to encourage diversity of supply. Should you wish to respond to this RFI, please include the below in any submission.

1. Company name

2. Service overview

3. Existing market presence providing InSAR services to geotechnical asset owners

4. Data strategy / delivery methodology

5. Line-by-line commentary against the requirements listed in Section 3 stating how it is envisaged that the required capability would be met.

6. Proposed pricing structure e.g., price per year or data service contract

II.3) Estimated date of publication of contract notice

23 October 2023

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

Section VI. Complementary information

VI.3) Additional information

To respond to this RFI, please follow the below instructions:

1. Follow the link - https://networkrail.bravosolution.co.uk/web/login.html

2. From the welcome screen, access the "View Current Opportunities" link and select "#36365 InSAR Data Provision".

3. Download the attachments – "Request For Information InSAR"

4. Complete your summary (maximum 10 pages) including indicative costs for a trial of the solution .

5. Please send your summary document via email as attachments to Abdul.Jahid@networkrail.co.uk with the email subject "#36365 InSAR Data Provision".

The response deadline for this RFI is 13th November 2023.

Any questions or clarifications in respect of this RFI should be addressed to:

Abdul.Jahid@networkrail.co.uk