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Planning

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Network Rail Infrastructure Ltd

F04: Periodic indicative notice – utilities

Periodic indicative notice only

Notice identifier: 2021/S 000-013548

Procurement identifier (OCID): ocds-h6vhtk-02bc5f

Published 15 June 2021, 10:45pm

Section I: Contracting entity

I.1) Name and addresses

Network Rail Infrastructure Ltd

1 Eversholt Street

London

NW1 2DN

Email

Peter.Jones3@networkrail.co.uk

Telephone

+44 1908781000

Country

United Kingdom

NUTS code

UK - United Kingdom

Internet address(es)

Main address

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

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

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II.1.2) Main CPV code

- 60440000 - Aerial and related services

II.1.3) Type of contract

Services

II.1.4) Short description

The project seeks to identify the opportunity to develop drone technology / solution which can remove the need for staff to visit site, pre, during and after a renewal. Access to the network is becoming more and more difficult and this impacts the ability to capture, reuse or hand over data to the customers. Therefore, to maximise access and keep boots off ballast - We are looking at what drone technology could be used to maximise the access currently available and keep staff off the railway infrastructure.

II.1.5) Estimated total value

Value excluding VAT: £1,000,000

II.1.6) Information about lots

This contract is divided into lots: No

II.2) Description

II.2.2) Additional CPV code(s)

- 35613000 - Unmanned aerial vehicles

II.2.3) Place of performance

NUTS codes

- UK - United Kingdom

II.2.4) Description of the procurement

Provision of Services to maximise access and keep boots off ballast - We are looking at what drone technology could be used to maximise the access currently available and keep staff off the railway infrastructure.

To develop drone technology to help remove the need for:

- Vegetation surveys
- Scrap surveys
- Fencing condition surveys
- Monitoring of unstable earthworks
- Prep4Safety inspections (in conjunction with train-borne inspection data)
- Scoping / Specification surveys (in conjunction with train-borne inspection data)
- Detection of Buckles – software assisted flagging of track misalignments
- Remote Rail Temperature monitoring via thermal imaging
- Snagging / Defect identification (in conjunction with train-borne inspection data)
- Detection of buried catchpits and outfalls via thermal imaging (the former is perhaps

best confined to the cold season, where the temperature differential is more obvious)

- Confirm function of points heating / POE heating via thermal imaging (PIAF benefits?)
- Detect Presence of poor electrical connections (PIAF benefits?)
- Dilapidation survey and TOC walkouts
- Contractor preparation surveys
- Maintenance visual inspections (undertaken by patrollers, TSMs and TMEs)
- Verification of asset data (Rail / Ballast / Sleeper volumes and locations) prior to entry into INM
- Assist validation of correlation diagrams
- Red zone working,
- CRT monitoring
- S&C inspection,
- Points heating

II.3) Estimated date of publication of contract notice

11 June 2021

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