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Award

LNER OLE Infrastructure Monitoring

NETWORK RAIL INFRASTRUCTURE LIMITED

UK5: Transparency notice - Procurement Act 2023 - [view information about notice types](#)

Notice identifier: 2025/S 000-012586

Procurement identifier (OCID): ocds-h6vhtk-04fc28 ([view related notices](#))

Published 2 April 2025, 3:28pm

Scope

Description

This procurement is for the cloud storage and data transmission services specifically for the output generated by the PANDAS V (Pantograph Damage Assessment System - Visual) equipment. This equipment is being installed on a portion of the LNER fleet to monitor the condition of overhead line (OLE) infrastructure.

The PANDAS V system, developed and supplied by Transmission Dynamics (TD), includes integrated hardware and software components that generate image and associated data related to OHL conditions. The cloud storage and data transmission services are an integral part of the complete PANDASV solution, designed and configured by Transmission Dynamics to seamlessly manage and deliver the data captured by their proprietary equipment.

The data generated by the PANDASV system requires specific handling and integration with the system's analytics and reporting capabilities, which are unique to Transmission Dynamics' solution. Network Rail, who are the primary beneficiary of this data, already utilise Transmission Dynamics' PANDASV system and its associated data management infrastructure. To ensure seamless integration, data integrity, and compatibility with Network Rail's existing systems and workflows, it is necessary to procure the cloud storage and data transmission services from Transmission Dynamics.

This procurement is directly linked to the prior decision to implement the PANDAS V system, to align with existing systems on ECML, and due to its proven capability in OHL monitoring. The cloud storage and data transmission services are a necessary component to realise the benefits of the PANDAS V system.

Contract 1. LNER OLE Infrastructure Monitoring

Supplier

- [Transmission Dynamics \(JR Dynamics Ltd\)](#)

Contract value

- £880,000 excluding VAT
- £1,056,000 including VAT

Above the relevant threshold

Earliest date the contract will be signed

1 May 2025

Contract dates (estimated)

- 1 July 2025 to 30 June 2028
- 3 years

Main procurement category

Services

CPV classifications

- 72300000 - Data services

Contract locations

- UK - United Kingdom

Participation

Particular suitability

Small and medium-sized enterprises (SME)

Other information

Conflicts assessment prepared/revised

Yes

Procedure

Procedure type

Direct award

Special regime

Utilities

Direct award justification

Single supplier - technical reasons

Transmission Dynamics is the only supplier capable of providing the required cloud storage and data transmission services for the PANDASV system. This is due to the following key factors:

System Integration: The PANDASV equipment and its associated data management and transmission protocols are proprietary to Transmission Dynamics. The cloud storage and data transmission services are specifically designed and configured to work seamlessly with the PANDASV hardware and software to ensure data integrity, real-time analytics processing, and compatibility with the system's unique features.

Data Compatibility: The data generated by the PANDASV system has a specific format and structure that can only be managed within Transmission Dynamics ecosystem to ensure accurate interpretation and utilisation by Network Rail's existing PANDASV infrastructure.

End-to-End Solution: Transmission Dynamics offers an end-to-end solution for OHL monitoring, including the PANDASV equipment and the necessary data management infrastructure. Procuring the cloud storage and data transmission from a third party is not commercially or technically feasible.

Therefore, to maintain the integrity of the PANDASV system and ensure seamless data flow and compatibility with Network Rail's existing infrastructure, Transmission Dynamics is the only viable supplier for these specific cloud storage and data transmission services.

Supplier

Transmission Dynamics (JR Dynamics Ltd)

- Companies House: 03284935

1 Innovation Way, Northumberland Business Park

Northumberland

NE23 7FP

United Kingdom

Email: support@jrdltd.co.uk

Website: <http://www.jrdltd.co.uk>

Region: UKC21 - Northumberland

Small or medium-sized enterprise (SME): Yes

Voluntary, community or social enterprise (VCSE): No

Contract 1. LNER OLE Infrastructure Monitoring

Contracting authority

NETWORK RAIL INFRASTRUCTURE LIMITED

- Public Procurement Organisation Number: PNZN-9524-VCQJ

Waterloo General Office

London

SE1 8SW

United Kingdom

Email: james.akinwale@networkrail.co.uk

Website: <https://www.networkrail.co.uk/>

Region: UKI45 - Lambeth

Organisation type: Public authority - central government