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Award

Peninsula Transport Rail Mobile Connectivity Trial

Plymouth City Council

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

Notice identifier: 2025/S 000-018001

Procurement identifier (OCID): ocds-h6vhtk-050a30

Published 30 April 2025, 1:27pm

Scope

Reference

27745

Description

As public Wi-Fi availability increases, passengers expect to remain connected to their work or social networks, regardless of their location. The opportunity to increase productivity while travelling is making public transport usage more attractive, and it has reached the point where Wi-Fi is now considered an essential offering for transport operators.

The solution proposal is to introduce on train Wi-Fi in a 60-day proof-of-concept trial.

Contract 1

Suppliers

Supplier not yet selected

Contract value

- £213,000 excluding VAT
- £255,600 including VAT

Above the relevant threshold

Earliest date the contract will be signed

12 May 2025

Contract dates (estimated)

- 12 May 2025 to 31 October 2025
- 5 months, 20 days

Main procurement category

Services

CPV classifications

- 72222300 - Information technology services

Contract locations

- UK - United Kingdom
-

Other information

Conflicts assessment prepared/revised

Yes

Procedure

Procedure type

Direct award

Direct award justification

Single supplier - intellectual property or exclusive rights

This allows for a direct award to a supplier with exclusive rights, i.e., Intellectual Property Rights, which means that only that supplier can deliver the goods or services. Unique 5G Edge Active Antenna system is a pioneering solution in a 'blue ocean' market, with no direct competitors offering 5G edge antennas (routers located on the roof, rather than inside the train). This innovative approach enhances performance by up to 10 times on the uplink / 4x on the downlink compared with passive systems, while being less intrusive, more cost-effective, and simpler to implement. Most importantly, it delivers a 'Wi-Fi-at-home' experience for passengers on trains.

Applied 5G Edge Active Antenna solution eliminates the need for on-train routers, RF

cables, RF splitters, and patch panels.

Additionally, Patented link aggregation software inside the antennas is unique in the industry.

Contracting authority

Plymouth City Council

- Public Procurement Organisation Number: PBQP-8499-TLMP

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Organisation type: Public authority - sub-central government