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Planning

Jubilee Line Train Management System, Passenger Information System and Saloon CCTV Turnkey System Replacement Project

London Underground Limited

UK2: Preliminary market engagement notice - Procurement Act 2023 - [view information about notice types](#)

Notice identifier: 2025/S 000-068366

Procurement identifier (OCID): ocds-h6vhtk-05d3c0 ([view related notices](#))

Published 24 October 2025, 9:13pm

Scope

Description

Given the age of Jubilee line 96TS (1996 Train Stock), several systems are now experiencing obsolescence which impact the fleet's maintainability and day-to-day availability. The aspiration is for the fleet to operate, with an acceptable level of Reliability, Availability, Maintainability and Safety (RAMS), until replacement in approximately 2045.

To address these obsolescence issues, London Underground (LU) have mobilised a project to develop and implement a sustainable solution.

A 'Make vs. Buy' analysis is required to establish the optimal means of project delivery. To date, project development has assumed and have been engaging the market, on a 'Make' scenario for the individual systems, whereby LU procures replacement systems from 3rd parties and deliver their integration across the fleet at an in-house production facility.

This Market Engagement Exercise however, seeks to assess market appetite and capability to deliver the 'Buy' scenario, where a supplier is contracted to deliver a 'Turnkey' programme of works to address all the systems of concern as provided in the

scope below - which itemises the Core / Extended scope systems and their respective Preferred solution. The Preferred solutions were determined as part of an LU completed optioneering work.

CORE SCOPE

- 1: Train Management System (TMS), including Incident Recorder (IR) - Replacement
- 2: Passenger Information System (PIS) - Replacement
- 3: Saloon CCTV - Replacement

EXTENDED SCOPE

- 4: Propulsion Inverter Electronics (PIE) - Replacement
- 5: Saloon & Cab Fluorescent Lighting - Replacement
- 6: Traction Brake Controller - Obsolescence Treatment (Repair)
- 7: HVAC (cab and saloon) Controllers - Obsolescence Treatment (Repair)
- 8: De- Icer Controller - Obsolescence Treatment (Repair)

This 'Buy' option assumedly, will require the supplier to complete all aspects of the design, prototyping, manufacture, installation and testing & commissioning of the replacement systems across the fleet (in full) at their facility. Such option could be preferable to LU if the approach, costs and delivery timelines proposed by the suppliers present better value in comparison to the "Make" option and current internal estimates.

The outcome of the Early Market Engagement will output the preferred modality for project delivery, to be progressed to tender with the intention of implementing it on all of LU's 63 Jubilee Line fleet of trains.

Contract dates (estimated)

- 2 August 2027 to 1 August 2031
- Possible extension to 1 August 2033
- 6 years

Main procurement category

Services

CPV classifications

- 34210000 - Vehicle bodies
- 34620000 - Rolling stock
- 48813000 - Passenger information system
- 50220000 - Repair, maintenance and associated services related to railways and other equipment
- 60200000 - Railway transport services
- 63711100 - Train monitoring services
- 92222000 - Closed circuit television services

Contract locations

- UKI - London

Engagement

Engagement deadline

29 June 2026

Engagement process description

Based on current plan, the Early Market Engagement will potentially comprise the following stages.

1. Distribution of Market Sounding Questionnaire (MSQ) to known and/or suppliers that indicate interest - ASAP from the publishing of this notice.
2. Review MSQ submissions and hold technical clarification meetings with suppliers where necessary - December 2025/January 2026 (estimate).
3. Where necessary, re-engage suppliers through further clarification engagement and hold technical clarification meetings with suppliers - January (estimate).

Within two weeks of the release of this notice, please indicate your interest to participate in this Early Market Engagement exercise.

Submission

Publication date of tender notice (estimated)

1 July 2026

Procedure

Special regime

Utilities

Contracting authority

London Underground Limited

- Companies House: 01900907
- Public Procurement Organisation Number: PWJB-7544-VZCL

5 Endeavour Square

London

E20 1JN

United Kingdom

Email: obinnaidoko@tfl.gov.uk

Region: UKI41 - Hackney and Newham

Organisation type: Public undertaking (commercial organisation subject to public authority oversight)

Other organisation

These organisations are carrying out the procurement, or part of it, on behalf of the contracting authorities.

Transport for London

Summary of their role in this procurement: Procuring on behalf of subsidiary company, London Underground Limited

- Public Procurement Organisation Number: PHMT-6197-NWNZ

5 Endeavour Square

London

E20 1JN

United Kingdom

Email: obinnaidoko@tfl.gov.uk

Region: UKI41 - Hackney and Newham

Contact organisation

Contact Transport for London for any enquiries.