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Pipeline

Automated People Mover (APM) Infrastructure

High Speed Two (HS2) Limited

UK1: Pipeline notice - Procurement Act 2023 - [view information about notice types](#)

Notice identifier: 2025/S 000-023602

Procurement identifier (OCID): ocds-h6vhtk-0519dd

Published 21 May 2025, 10:04am

Scope

Reference

_2978

Description

The HS2 Phase One route is from London Euston to the West Midlands and includes the development of high-speed rail stations at London Euston, London Old Oak Common, Birmingham Interchange and Birmingham Curzon Street. The proposed HS2 Birmingham Interchange Station will be situated approximately 20 km to the southeast of Birmingham city centre, close to Birmingham Airport. An Automated People Mover (APM) is required to transport passengers from adjacent areas to the Interchange Station and the wider HS2 network. The APM network will consist of a maintenance facility and four stops detailed herein:

- I. Interchange Station stop;
- II. National Exhibition Centre stop;
- III. Birmingham International Railway Station stop; and

IV. Birmingham Airport stop.

The APM has been designed as an elevated mass transit system, which will transport passengers between those stops detailed above. The APM route will consist of a 2.3km long viaduct, four stops and a maintenance facility. The Interchange Station Stop is at ground level and the three other stops and maintenance facility are on the viaduct (above ground level). The route has several major crossings to navigate, such as the M42 motorway, the West Coast Main Line (WCML) and Pendigo Lake at the National Exhibition Centre (NEC) site.

The key design features of the APM Infrastructure include reinforced central concrete piers, weathered steel deck and escape walkway gratings throughout the entirety of the track. To minimise impact to the existing developed site and public roads, the entire 2.3km route is on an elevated viaduct. This is made up of a range of single and twin track at various points along the route to allow trains to pass each other. The piers range from 6 metres high to 14 metres, depending on the topography along the route. In order to maintain a consistent level for the viaduct, the columns will need to vary in height.

The stops at Birmingham Airport and at Interchange Station will have a single platform face and the intermediate stops at the NEC and Birmingham International Railway Station have two platform faces. The platforms vary from 36m to 40m long and all platforms are fully covered with canopies and have step free access.

The APM Infrastructure scope includes the detailed design and delivery of all piers, viaducts, APM stops, the APM maintenance facility as well as temporary works. The APM Infrastructure Contractor will be the Principal Contractor for the works and will be responsible for managing the APM Systems Contractor as well as nominated HS2 Contractors during these works. The APM Infrastructure Contractor will be responsible for managing all the interfaces and access for the works. Further details on interfacing contractors will be provided in the Tender documentation for the APM Infrastructure procurement.

Total value (estimated)

- £154,000,000 excluding VAT
- £184,800,000 including VAT

Contract dates (estimated)

- 15 August 2028 to 19 July 2033
- 4 years, 11 months, 5 days

Main category

Works

CPV classifications

- 45234000 - Construction work for railways and cable transport systems
- 45000000 - Construction work

Contract locations

- UK - United Kingdom

Participation

Particular suitability

Small and medium-sized enterprises (SME)

Submission

Publication date of tender notice (estimated)

25 September 2026

Procedure

Special regime

Utilities

Above or below total value threshold

Above or equal to threshold

Contracting authority

High Speed Two (HS2) Limited

- Public Procurement Organisation Number: PMNV-3857-LNLV

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Birmingham

B4 6GA

United Kingdom

Email: scc@hs2.org.uk

Website: <https://www.hs2.org.uk/>

Region: UKG31 - Birmingham

Organisation type: Public authority - sub-central government