

HIGH SPEED RAIL (WEST MIDLANDS - CREWE)

ESTIMATE OF EXPENSE

	£
Purchase of land, minerals and permanent rights including easements for works	288,000,000
Railway works:-	
Permanent ways	554,000,000
Earthworks, including site clearance and spoil disposal, drainage and landscaping works	770,000,000
Station and station improvements, maintenance and other depots, vehicle parks, buildings (brick, concrete and steel) and associated works	185,000,000
Tunnels, including ventilation and drainage, and Bridges including viaducts and other structures	744,000,000
Electrical and other equipment	289,000,000
Signalling and Telecommunications.. .. .	146,000,000
Waterways	40,000,000
Roads, street and paved areas (concrete or bituminous surface), bridges (steel and concrete) and other structures	46,000,000
Bridges	113,000,000
Sewers (in concrete or glazed ware)	10,000,000
Diversion of overhead electric lines	95,000,000
Associated utility works:-	
Electricity mains	2,000,000
Gas mains	112,000,000
Sewers, foul and surface water	6,000,000
Water supply mains and distribution	56,000,000
Telecommunications equipment	8,000,000
Pipelines	15,000,000
TOTAL	£3,479,000,000

Dated 7th July 2017



Mark Thurston
Chief Executive
HS2 Ltd

Notes: All figures are at first quarter 2015 prices
The estimate includes Optimism Bias of 40%

IN PARLIAMENT
SESSION 2017 - 19

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**Estimate of Expense
(Under Standing Order 45 of the
House of Lords and of the House
of Commons)**

**THE RT HON CHRIS GRAYLING
Secretary of State for Transport**

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