

## HIGH SPEED RAIL (CREWE - MANCHESTER)

### ESTIMATE OF EXPENSE

	£
Purchase of land, minerals and permanent rights including easements for works .. .. .	1,411,000,000
<b>Railway works:-</b>	
Permanent ways .. .. .	1,989,000,000
Earthworks, including site clearance and spoil disposal, drainage and landscaping works .. .. .	1,844,000,000
Station and station improvements, maintenance and other depots, vehicle parks, buildings (brick, concrete and steel) and associated works .. .. .	3,564,000,000
Tunnels, including ventilation and drainage, and Bridges including viaducts and other structures .. .. .	4,297,000,000
Electrical and other equipment .. .. .	877,000,000
Signalling and Telecommunications.. .. .	1,034,000,000
<b>Tramway and tramroad works:-</b>	
Permanent ways (public road lines) .. .. .	42,000,000
Electrical and other equipment (cables and feeders) .. .. .	4,000,000
Waterways .. .. .	26,000,000
Roads, street and paved areas (concrete or bituminous surface), bridges (steel and concrete) and other structures .. .. .	406,000,000
Bridges .. .. .	209,000,000
Sewers (in concrete or glazed ware) .. .. .	200,000,000
Diversion of overhead electric lines .. .. .	237,000,000
<b>Associated utility works:-</b>	
Electricity mains .. .. .	183,000,000
Gas mains .. .. .	607,000,000
Sewers, foul and surface water .. .. .	17,000,000
Water supply mains and distribution .. .. .	117,000,000
Telecommunications equipment .. .. .	61,000,000
Pipelines	75,000,000
<b>TOTAL</b>	<b>£17,200,000,000</b>

Dated 11<sup>th</sup> January 2022



Mark Thurston  
Chief Executive  
HS2 Ltd

Notes: All figures are at third quarter 2019 prices  
The estimate includes contingency at 37.8%

IN PARLIAMENT  
SESSION 2021 - 22

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

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**THE RT HON GRANT SHAPPS  
Secretary of State for Transport**

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