

A CONSORTIUM led by Hawker Siddeley company Brush Electrical Machines has clinched two major contracts valued in excess of £350 million to build the Channel Tunnel shuttle trains. The orders were won against intense worldwide competition.

Transmanche-Link, the contractors appointed by Eurotunnel to design and construct the Channel Tunnel, awarded the contracts to the five-company consortium to build electric locomotives and tourist wagons.

Euroshuttle Consortium is led by Brush Electrical Machines and brings together Asea Brown Boveri of Switzerland, Bombardier Inc of Canada, their subsidiary BN of Belgium, and ANF Industrie of France. These five companies combine extensive experience and expertise in the design and manufacture of railway rolling stock.

Competition

Brush Electrical Machines and Asea Brown Boveri share an order for the design and manufacture of 40 locomotives valued at some £75 mil-



lion, to be built at Loughborough. The wagons will be designed and manufactured by Bombardier, BN, and ANF, and will form the tourist trains for the carriage of cars and coaches.

1993

Deliveries are programmed to start in October, 1991, and due to be completed for the start of the service on June 15, 1993. Euroshuttle Consortium won the contracts in the face of competition from consortia in the UK, France,

Japan and Germany.

Numerous Hawker Siddeley companies have provided essential products for the tunnel. Power for the tunnelling machine is being provided by Brook Crompton Parkinson Motors, fed from Brush Switchgear and Brush Transformers, via Delta Crompton Cables.

Other companies including South Wales Switchgear, Lister-Petter, Oldham Crompton and Hawker Siddeley Power Plant are also involved in the project.

Brush Electrical Machines led the winning Euroshuttle Consortium which will design and build the trains pictured above in our artist's impression. The total contract is valued at £350m.