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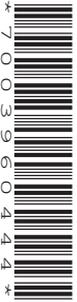
AS Level Business

H031/02 The wider business environment

Resource Booklet

Friday 25 May 2018 – Afternoon

Time allowed: 1 hour 30 minutes



INSTRUCTIONS

- This is a Resource Booklet.
- You should refer to it when answering the examination questions in Section B which are printed in a separate booklet.
- The business described in this Resource Booklet is a real business.

INFORMATION

- This document consists of **4** pages. Any blank pages are indicated.

Bombardier

Extract A – The business

Bombardier (a public limited company) is the world's leading manufacturer of aeroplanes and trains. It also produces a large range of other products including rail equipment and aerospace control systems.

Source: Adapted from <http://uk.bombardier.com/en/about-us/bombardier-in-country.html> (January 2017)

Labour data for Bombardier (worldwide) in 2015

Total number of employees	62 836
Number of employees leaving during the year	6 183
Distribution of workforce by gender	
Female	22%
Male	78%
Distribution of workforce by age group	
Below 30	10%
Between 30–50	24%
Over 50	66%

Table 1

Source: <http://www.bombardier.com/en/sustainability/performance-data/employees.html> (January 2017)

Extract B – Bombardier Transportation

Bombardier Transportation is the rail division of Bombardier. It has about 3500 employees at 31 locations across the UK. Bombardier Transportation's site in Derby has produced a significant proportion of the latest technology now in operation on UK mainline train routes and the London Underground. Bombardier Transportation has built, or is in the process of building, around 60% of the UK's new trains. The company also carries out the maintenance on a third of the trains running in the UK. Bombardier Transportation is the only company which designs and manufactures trains in the UK.

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Source: Adapted from <http://uk.bombardier.com/en/about-us/bombardier-in-country.html> (January 2017)

Extract C – Driverless trains

A key product for Bombardier is the INNOVIA driverless train system.

'Driverless' is the main feature which is improving the travel experience for passengers. Driverless trains are made possible because of developments in technology. In a driverless system, the trains are automatically controlled at all times; the system does not need drivers or on-board staff to operate the trains.

15

Bombardier Transportation has installed driverless train systems at the UK's two busiest airports, Heathrow and Gatwick. The trains move customers between terminals at these large airports.

Driverless train technology brings many benefits for Bombardier Transportation's customers and consumers. These include improved safety, high reliability, efficient energy usage and the ability to have a train running every 60 seconds. Automated scheduling means that day-to-day operations are easily adjusted to accommodate changing traffic demands. This is especially important at peak times, weekends and during special events. It results in shorter waiting times for passengers and the maximum usage of assets for the owners of the technology.

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Source: Adapted from <http://www.futureairport.com/contractors/future-airport/bombardier-transportation/> (January 2017)

Extract D – The UK government offers a £2.75 billion contract for high speed trains

The search for a company to design, build and maintain a fleet of state-of-the-art high speed trains for Britain's new HS2 rail service was launched in January 2017 by Chris Grayling, the UK government's Transport Secretary. The HS2 project includes a high-speed rail link between Birmingham and Leeds, which will run through parts of Derbyshire.

Providing a world-class passenger experience is at the centre of the requirements for companies interested in bidding for the £2.75 billion contract. Up to 60 high specification trains, to transport passengers at around 225mph on Britain's new high speed rail service, are needed.

30

Overall, HS2 is likely to cost the UK taxpayer more than £55 billion.

Source: Adapted from <https://www.gov.uk/government/news/search-underway-for-company-to-build-hs2-trains-in-275-billion-government-rail-investment> (January 2017)

Extract E – Bombardier Transportation’s bid for the HS2 contract

Sources close to Bombardier Transportation have told the Derby Telegraph that the company is “very keen” to bid for the £2.75 billion contract to design, build and maintain high speed trains for the new HS2 rail link. The source adds that Bombardier Transportation’s site in Derby has an “excellent reputation” when it comes to producing high speed trains.

35

Source: Adapted from “Derby’s Bombardier ‘very keen’ to bid for £2.75bn HS2 train contract” by Robin Johnson, Derby Telegraph (20/01/17).

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