

(ITT2B)

E22: Track Configuration Management

Scenario

For TfL to provide the right level of passenger service to match the growing passenger numbers being carried, TfL needs to manage each asset area in a proactive and efficient manner. The right Track Configuration for TfL depends on the following skill sets:

1. Timely validation of project requirements;
2. Ability to effectively interface with other asset areas, e.g. signalling, and leading suppliers, e.g. VAE or PRS;
3. To be able to carry out studies that will lead to changes being made to the current track configuration and layout. Studies will include, but not limited to, the fields of feasibility design, managing negative impact of noise and vibration and the management of the wheel rail interface;
4. Use of competent track engineering resource which has relevant and appropriate TfL domain knowledge;
5. Good knowledge of TfL track engineering standards and assurance arrangements;
6. To be able to efficiently use engineering software such as Bentley Railtrack and Vampire, and risk analysis techniques;
7. Experienced technical support and management of 1 to 6;
8. Ability to deliver on time to the right quality so that identified improvements and changes can be made in a timely and effective way.

In no more than 1500 words describe your company's capability to provide services in any or all of the skill sets 1 to 8 described above.