

Engineering, Assurance and Approvals

Team role summary:

- To provide leadership and resolution for the engineering issues emerging from the Tram Project.
- To report on and manage the SDS contract deliverables against programme.
- To deliver the required project approvals to programme
- To deliver Value Engineering savings

Strategy for success: Ensure designs are accompanied by adequate Assurance¹ and focus on the review of critical items.

Practical functions and tasks:

- Exercise of project delivery controls and reporting
- Assurance management
- Audit and review
- Technical appraisal
- Value Engineering

Key skills and resources:

- Professional engineers experienced in trams systems engineering
- Approvals law and process experience
- Commercial experience
- Design management experience

Strategic objectives and targets:

- Delivery of affordable design to programme
- Fit for purpose engineering giving optimum whole life cost performance

Key interfaces and dependencies:

- SDS – in support of their contracted delivery of designs and approvals
- Procurement / Commercial / Risk– in support of bidder liaison and negotiation.
- Delivery / Programme – in support of an integrated and achievable Tram Project programme.
- Finance and Business case – in support of financial reporting
- Operations and Maintenance – ensuring fit for purpose design for operations and maintenance

¹ Assurance – definition and specification of why the design options used have been chosen over others, why the design is fit for purpose, how the design is compliant with its various requirements, and how the design has been integrated with other system elements.