

# Client's Strategic Advisors



## Background

At Network Rail, the infrastructure projects we undertake here in the Britain do more than just help people get around more easily: they're also of huge benefit to the country's long-term economic prosperity.

On average we complete some 2,000 projects a year worth over £4.5 billion across all our assets; track, signalling, electrification, telecommunications, building and civils.

We know how to keep the trains running during upgrades. And we are skilled in integrating multiple systems, old and new, so that they work together. We'll provide you with an integrated team who will manage the planning, design, procurement, construction, operations and maintenance of your projects.

## The Challenge

We understand that the Government of India and the Planning Commission has recognised the need for accelerated investment in the railway infrastructure, including urban mass transit systems.

A number of projects have been sanctioned and their implementation is underway, while a large number of projects are at early stages. The initial development work is typically done by internal teams or by Indian Railways PSU like RITES or by Delhi Metro Rail Corporation (DMRC). The detailed project report forms the basis for project funding after which a Project Management Consultant (PMC) or General Consultant (GC) is appointed to move the projects to next stages.

The specification for EPC contract and systems suppliers is developed by the PMC/GC and they also provide the project engineers and procurement support. However, client organisation is always accountable for the decisions.

We believe that there is a need for Client side Strategic Advisors who can support the Project Company through the different stages, where required. The essence of the strategic advice offer is that the client cannot always rely upon the various consultants and

that Network Rail is client itself in the UK and therefore is aware of the risks, opportunities, problems and issues.

## How We Can Help

With access to over 3,500 project managers, planners, engineers we are able to pass on our vast experience in managing a delivering complex projects in an operational environment through the various stages of the project lifecycle.

Our ability to work comprehensively on mass transit projects involving both technical and commercial expertise has been demonstrated on some of the most complex transport infrastructure projects, including Thameslink and Crossrail – currently Europe's largest civil engineering project.

We can enter into a contract on a call off basis which will provide the client organisation with the flexibility as well as the ability to seek an expert opinion when needed.



## Thameslink

The Thameslink Programme will dramatically increase the number of people who can use the railway, providing benefits such as:

- ▶ increasing trains in each direction through central London by up to 300% (peaking at up to 24 per hour)
- ▶ longer trains (12 coaches). An increase from a maximum of 8 at present.
- ▶ removing bottlenecks that delay trains, the worst at London Bridge station
- ▶ direct access to more destinations
- ▶ reduced crowding on the London Underground
- ▶ a new landmark station at Blackfriars in time for 2012
- ▶ a new fleet of trains and signalling and power systems to support them.

## Crossrail

Network Rail is responsible for the design, development and delivery of the parts of Crossrail that are on the existing network. Network Rail's scope of work includes:

- ▶ upgrading 70km of track
- ▶ redeveloping 27 stations
- ▶ renewing around 20 bridges
- ▶ removing around one million cubic metres of excavated material from the tunnel by rail.

In its completion Crossrail will deliver be able to accommodate up to 1,500 passengers and will add 10% to London's overall rail capacity.