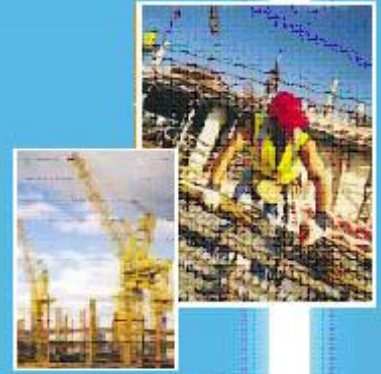
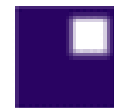


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Pathfinder Project Submission



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Pathfinder Project

1. About the Project

Name: Alpur B2
Address: State Highway 1 – Orewa
Approximate Value (\$k): Estimated design and construction cost - \$335M. Total Project cost approx. \$360M
Approximate planned programme (from date to date): Currently in Construction phase. Due for completion in March 2009
Current Stage: Construction
Procurement Method (Traditional, D&B, Alliance etc): Alliance
Type of Product (Road/School/Office etc): State Highway
Type of Project (New Build/Refurbishment etc): New Road Construction (Greenfields)
Description of the Project: ALPUR B2 is the last stage of the realignment and extension of the Northern Motorway between Albany and Puhoi. It extends north from Grand Drive in Orewa to connect with the existing State Highway 1 route at Titford's Bridge, Puhoi. ALPUR B2 will allow state highway traffic to bypass Orewa, easing traffic congestion in the town. The construction of the motorway involves several engineering challenges, including: <ul style="list-style-type: none">▪ A number of difficult geological formations▪ Steep mountainous terrain▪ The site's location within an area of significant environmental value. The motorway involves the construction of five culverts, twin tunnels at Johnson's Hill, and six bridges along the 7.5 km stretch including three large bridges at Waiwera, Nukumea and Otanerua. Earthworks involve over three million cubic metres of material.

Innovation ■ Best Practice ■ Productivity

Contact: Amanda Warren, Director, Constructing Excellence NZ Limited
Telephone: 09 575 7670 or Mobile: 021 892 124
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2. About the Innovation

Description of the Innovation being trialled:

Project delivery using a pure Alliance procurement model which involved the development and reconciliation of a Target Cost Estimate.

Advantages of the Alliance include:

- enhanced focus on key performance measures i.e. social and environmental
- aligned drivers between client and contractors
- encourages innovation
- early contractor involvement allows complex and constructability issues to be addressed through innovative design
- permits flexibility which is particularly important where uncertainty around scope and consents is present
- thorough 'total' approach to risk management
- fast tracked procurement
- Transit staff exposed to project delivery

Description of the key driver that the Innovation is aimed at (Cost Reduction, Safety etc)

Enhanced social and environmental performance

Whole of Life Cost minimisation and optimal value for money

Design innovation and cost reduction

The Project is aiming to trial Innovation(s) aimed at demonstrating the following aspects of the Client's Project Charter:

X communicating a **CLEAR VISION** of the client's requirements & drivers

X operating in a manner to foster a culture of **OPENNESS, HONESTY & TRUST**

X developing & operating **BEST PRACTICE STRUCTURE, SYSTEMS & PROCEDURES** to demonstrate

X understanding & management of risk

X development of beneficial relationships

X effective communication

X mitigation of Conflict

X understanding of client strengths & opportunities to improve

X engaging & developing **APPROPRIATELY SKILLED** people WITH a competent
UNDERSTANDING OF THE CONSTRUCTION PROCESS

X creating a **COOPERATIVE ENVIRONMENT** supported by a '**NO BLAME CULTURE**'

X ensuring the ability to Practice **TIMELY DECISION MAKING**

delivering a **CONSISTENCY** of management, systems & personnel

X promoting **SAFETY CULTURE**

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- X fostering commitment to **SUSTAINABILITY**
- X exploring, promoting & implementing **RELATIONSHIP CONTRACTING** where appropriate
- Inviting the supply chain to **MEASURE CLIENT PERFORMANCE** in line with these principles
- offering **FEEDBACK TO SUPPLIERS** on their performance
- X measuring the project performance using the **NATIONAL CONSTRUCTION INDUSTRY KPIS**

3. About Your Organisation

Name of Organisation: Transit New Zealand

Key Contact Name: Dr Kevin Doherty

Key Contact Address/Tel/Email: Kevin.Doherty@transit.govt.nz

Your role on the Project (Company & Key Contact): National Procurement Manager

4. About The Project Team

Name of Client Organisation: Transit New Zealand

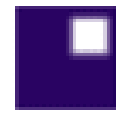
Key Contact Name/Tel/ Email: Dr Kevin Doherty

Name of Consultant Organisation(s): Northern Gateway Alliance who is made up of the following organisations

- Transit
- Leighton's
- Fulton Hogan
- URS
- Tonkin & Taylor
- Boffa Miskell
- VSL

Key Contact(s) Name/Tel/ Email: NA

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CONSTRUCTING EXCELLENCE

Pathfinder Project

Name of Main Contractor: As above
Key Contact Name/Tel/ Email: NA
Name of main Specialist Trade Contractor(s): NA
Key Contact(s) Name/Tel/ Email: NA

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