

# Appendix 3

## Cost Estimate

PREPARED BY: COFFEY RAIL PTY LTD  
 DATE: 15 September 2009  
 PLANS: SK-21684-R-0003  
 SCOPE:

PROJECT: Geelong - New Rollingstock Facility  
 Feasibility Study

ORDER OF COST ESTIMATE

DESCRIPTION	UNIT	QUANTITY	RATE	ITEM COST	CONTINGENCY %	\$	TOTAL ITEM COST	COMMENTS
<b>STAGE 1 - STABLING</b>								
<b>Earthworks</b>								
Light clearing and stockpile	sqm							
Stripping 500mm to stockpile	sqm							
FCR Capping layer 150mm	Item							
Additional landscaping	cum							
Perimeter earth mounds, one boundary, 3m high								Assume 0.3 m cover to protect site
<b>Drainage</b>								
Stormwater	m							600 mm dia RCP
Retention basin	Item							
Sullage separation pit	Item							
Rainwater Storage	Item							
Kerb & Channel on access and car parks	m							
Side entry pits, grated pits, junction pits	No.							
Pipe connections to main drainage	m							
<b>Trackwork</b>								
Supply and install 1 in 7.52 turnout	No.							
Supply and install 1 in 9 turnout	No.							
Supply and install derail	No.							
Construct new stabling track	m							
Track Drainage (Subsurface drain)	m							50kg track 150mm dia slotted PVC including pits
Steel Buffer Stop	No.							
<b>Facilities</b>								
Train crew amenities and cleaners' store	sqm							
Wash plant	Item							
Wash plant building	Item							
Covered Platform	m							
Fuel Point	No.							
Fuel Tanks	No.							
Concrete slab for fuel tanks	cum							1 ML capacity 30 m x 65 m x 0.5 m
Fire protection equipment at Fuel Storage	Item							
<b>Civil Works</b>								
Security fencing with Tiger tape wire	m							
Footpath	sqm							
Train gate	No.							Allow for gates 40mm thick asphalt Exclude interlocking
<b>Access Roads, Handstanding, Vehicle Parking</b>								
Access Road	sqm							
Loading, handling area	sqm							
Car parking	sqm							
<b>Mechanical Services</b>								
Yard lighting	No.							
Fire services	Item							
CCTV system	Item							
Electricity supply	Item							
<b>Signalling (Marshall - Waurn Ponds)</b>								
ML Signals	No.							
ML Points	No.							
Control and Indications VDU and Telemetry	No.							
<b>Signalling (Yard)</b>								
Roll-out Protection Yard and Siding	No.							
Dwarf Signal	No.							
Sidings Detection 1-4	No.							
Security	No.							
Siding Points	No.							
Level Crossing Boom Barrier	No.							



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<b>Mechanical Services</b>							
Yard lighting	No. Item						
Fire services	Item						
CCTV system							
<b>Signalling (Yard)</b>							
<b>Recommended Remote Operation</b>							
Signalling (Yard)	No.						Not required - Dark Territory Deleted - Confidential
Train Wash Track 5 Detection	No.						
Workshop Points	No.						
Stabling Siding Points	No.						Deleted - Confidential
<i>Total Stage 3</i>							
<b>MISCELLANEOUS</b>							
Land Acquisition	sqm						
Services relocation	No.						Nominal
De-contamination	No.						Nominal
Environmental Works	No.						Nominal
Traffic Mitigation Works	No.						Deleted - Confidential
<b>Total Direct Cost</b>							
<b>On Costs</b>							
Design Cost & Project Management							Deleted - Confidential
Contractor's On costs							
Contractor overheads and margin							
Lessee/Operator PM (minor role)							
Other Authority/Agency Consultee charges							
Project Insurance							
DOT PM (major role)							
<b>Total On Cost</b>							
<b>TOTAL CONSTRUCTION COST</b>							
<b>Risk Adjustment</b>							
Unplanned / Out of Scope Risks							Deleted - Confidential
Escalation Risk							
<b>Total Project Risk Adjusted Cost</b>							
<b>DOT Corporate Levy</b>							
<b>DOT Project Development Levy</b>							
<b>TOTAL PROJECT COST</b>							