



DATE: 11 April 2016
SCOPE: Stage Ultimate

ORDER OF COST ESTIMATE

DESCRIPTION	UNIT	QUANTITY	RATE	ITEM COST	CONTINGENCY		TOTAL ITEM COST	COMMENTS
					%	\$		
STAGE 2								
Earthworks								
Light clearing and stockpile	sqm							site is 262,000m ²
Cut to disposal (mounds)	cum							Assumed 50000m ² , to 3m depth
Imported Fill (in place)	cum							from Blue Circle
FCR Capping layer 150mm	sqm							track area is 8700m x 7m = 60900 approx
Additional landscaping	Item							
Perimeter earth mounds, 2m high	cum							perimeter is 3600m
								Deleted - Confidential
Drainage								
Stormwater	m							600 mm dia RCP
Retention basin	Item							
Sullage separation pit	Item							
Rainwater Storage	Item							
Kerb & Channel on car parks	m							
Side entry pits, grated pits, junction pits	No.							
Pipe connections to main drainage	m							
								Deleted - Confidential
Trackwork								
Supply and install 1 in 7.52 turnouts	No.							
Supply and install 1 in 9 turnouts	No.							
Construct new stabling track	m			Deleted - Confidential				50kg track
Track Drainage (Subsurface drain)	m							150mm dia slotted PVC including pits
Track Cess Drains	m							
Steel Buffer Stop	No.							
								Deleted - Confidential
Facilities								
Train crew amenities	sqm							
Stores building	sqm							
Cleaners Store and amenities	sqm							
Covered Platform	m							
Static Fuelling facility	No.							
Fuel Tanks	No.							0.4 ML capacity
Concrete slab for fuel tanks	cum							30 m x 65 m x 0.5 m
Fire protection equipment at Fuel Storage	Item							
Carwash	Item							nominal sum
Biowash	Item							nominal sum
Covered Heavy Duty cleaning	m							
Wheel Lathe	Item							
								Deleted - Confidential
Maintenance Facility								
Maintenance Building	Item							Nominal sum
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Civil Works								
Security fencing with Tiger tape wire	m							Allow for gates
Footpath	sqm							40mm thick asphalt for twenty four sidings
Train gate	No.							Exclude interlocking
								Deleted - Confidential
Access Roads, Hardstanding, Vehicle Parking								
Access Road	sqm							
Loading, handling area	sqm							
Car parking	sqm							
								Deleted - Confidential
Mechanical Services								
Yard lighting	No.							
Fire services	Item							
CCTV system	Item							
Electricity supply	Item							
Hydraulics	Item							sewer extraction and water supply for train servicing
								Deleted - Confidential
Signalling (Siding)								
Nominal Sum	No.							
								Deleted - Confidential
MISCELLANEOUS								
Land Acquisition	sqm			Deleted - Confidential				
Services relocation	No.							Nominal
De-contamination	No.							Nominal
Environmental Works	No.							Nominal
Traffic Mitigation Works	No.							Nominal
Total Direct Cost								
On Costs								
Design Cost & Project Management								
Contractor's On costs								
Contractor overheads and margin								
Lessee/Operator PM (minor role)								Deleted - Confidential
Other Authority/Agency Consultee charges								
Project Insurance								
DOT PM (major role)								
Total On Cost								
TOTAL CONSTRUCTION COST								
Risk Adjustment								



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Unplanned / Out of Scope Risks Escalation Risk								
Total Project Risk Adjusted Cost								Deleted - Confidential
DOT Corporate Levy								Deleted - Confidential
DOT Project Development Levy								
TOTAL PROJECT COST								At 2015 cost