



**DATE:** 11 April 2016  
**SCOPE:** Stage 1b

**ORDER OF COST ESTIMATE**

DESCRIPTION	UNIT	QUANTITY	RATE	ITEM COST	CONTINGENCY		TOTAL ITEM COST	COMMENTS
					%	\$		
<b>STAGE 1b</b>								
<b>Earthworks</b>								
Light clearing and stockpile	sqm							site is 262,000m <sup>2</sup>
Cut to disposal (mounds)	cum							Assumed 50000m <sup>2</sup> , to 3m depth
Imported Fill (in place)	cum							from Blue Circle
FCR Capping layer 150mm	sqm							track area is 3050m x 7m = 21350 approx
Additional landscaping	Item							
Perimeter earth mounds, 2m high	cum							perimeter is 3600m
								Deleted - Confidential
<b>Drainage</b>								
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
<b>Trackwork</b>								
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
<b>Facilities</b>								
Maintenance Building	Item							Nominal sum for additional fitout
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



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PROJECT: Waurm Ponds Stabling and Maintenance - Future  
 Land Use Assessment: Site F North of Railway  
 Corridor

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<b>Civil Works</b>								
Security fencing with Tiger tape wire	m							Allow for gates
Footpath	sqm							40mm thick asphalt for six sidings
Train gate	No.							Exclude interlocking
								Deleted - Confidential
<b>Access Roads, Hardstanding, Vehicle Parking</b>								
Access Road	sqm							
Loading, handling area	sqm							
Car parking	sqm							
								Deleted - Confidential
<b>Mechanical Services</b>								
Yard lighting	No.							
Fire services	Item							
CCTV system	Item							
Electricity supply	Item							
Hydraulics	Item							sewer extraction and water supply for train servicing
								Deleted - Confidential
<b>Signalling (Siding)</b>								
Signals	No.							
Points	No.							
								Deleted - Confidential
<b>MISCELLANEOUS</b>								
Land Acquisition	sqm			Deleted - Confidential				
Services relocation	No.							Nominal
De-contamination	No.							Nominal
Environmental Works	No.							Nominal
Traffic Mitigation Works	No.							Nominal
<b>Total Direct Cost</b>								
<b>On Costs</b>								
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)								
<b>Total On Cost</b>								
<b>TOTAL CONSTRUCTION COST</b>								
<b>Risk Adjustment</b>								



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