

COSTING COMPARISON SUMMARY

Driving Range Relocation Options REV B

**note these estimated provisional project costs and quantities are initial high level only based on location options provided*

COST COMPONENT	Option 1 East of Entrance	Option 2 West of Entrance	Notes
PRELIMINARIES - DESIGN, SITE INVESTIGATION & PERMITS			
Design	\$90,000	\$70,000	More complex design requirements Option 1
Site Survey & Geotech	\$25,000	\$15,000	More complex Geotech assessment and survey Option1
Environmental Assessments & Permits	\$40,000	\$15,000	More complex Environmental assessment & permit requirements Option 1
Contractor Preliminaries, Establishment & mobilisation	\$35,000	\$35,000	
ENVIRONMENTAL MITIGATION			
Erosion and Sediment Control Measures	\$50,000	NA	Likely some level of intervention required for flood zone
Revegetation & Tree planting to buffer zone	\$21,000	\$21,000	
Compensatory wetland construction or remediation (if required)	?	NA	Assuming this is not required? \$100,000 to \$500,000
DEMOLITION, EARTHWORKS & DRAINAGE			
Remove existing trees	\$25,000	NA	
Clear existing vegetation	\$140,000	\$80,000	More extensive clearing required Option 1
Strip and level site and stockpile topsoil	\$140,000	\$112,000	More extensive site prep required Option 1
Removal of spoil (including disposal of cleared vegetation waste)	\$87,500	\$25,000	Greater volume of spoil required to be removed Option 1 due to vegetation and site waste
Bulk Earthworks for range layout (typically balanced cut to fill)	\$61,250	\$17,500	More bulk earthworks required to achieve surface drainage
Import and placement of clean fill material	\$70,000	NA	Import of fill material to achieve levels for surface drainage likely required in Option 1
Detailed Earthworks & grading (topsoil placement and grading typically cut to fill)	\$140,000	\$112,000	
STRUCTURES			
Supply & install bridge to access range (light vehicle - including design engineering)	\$200,000	NA	Bridge could possibly be replaced with a more economical floodway style crossing
Supply & install boundary fencing (2.4m high black chain mesh - 410m)	NA	\$102,500	Boundary fencing required in Option 2 as barrier to retain outlier balls
HARDWORKS			
Concrete slab for 26 bays, rear access & stand off area (900m2 100mm thick inc subbase)	\$108,000	\$108,000	Access pathways to clubhouse to be determined - excluded for now
Supply & install synthetic turf to tee off areas	\$60,000	\$60,000	
LIGHTING & ELECTRICAL			
Cabling from existing DB power supply	\$25,000	\$25,000	
Lighting (led lighting to targets and 9x cyclone rated poles)	\$250,000	\$250,000	Minimal LED lighting to the range - peripheral cyclone rated 8m poles with some low lighting to range target areas
Service sleeve to range across waterway	\$5,000	NA	
SOFTWORKS			
Soil preparation	\$56,000	\$84,000	Possibly more extensive soil prep required on hardpan on West site compared to the floodplain
Supply & install grass (stolons)	\$56,000	\$56,000	Turf requires irrigation
IRRIGATION			
Irrigation modifications	\$5,000	\$5,000	
Service sleeve to range across waterway	\$5,000	NA	
Service sleeve to range under entrance road	NA	\$10,000	
Supply & install spray irrigation to range area	\$430,000	\$430,000	Assume irrigation water allocation is available
Equipment			
Range Targets	\$11,000	\$11,000	
SUB TOTAL (excl GST)			
Contingency 20%	\$2,125,750	\$1,634,000	
Regional construction loading 40%	\$425,150	\$326,800	
	\$850,300	\$653,600	
TOTAL (excl GST)	\$3,401,200	\$2,614,400	
EXCLUSIONS FROM ABOVE COSTS			
Service headworks if required			
Planning costs if required			
Access roads and parking			
Access pathways			
Buildings or structures other than bridge access to range area - a covered range building is outside scope and may be considered as part of future works			
Upgraded power supply if required			
Soft Landscaping (other than turf and reveg)			
Supply of range furniture & equipment			
Ongoing maintenance costs			