

ISLE OF MAN GOVERNMENT

Ramsey Open Coast

12/12/2014

**Option ROC2 - Rock Revetment
Drw - IoM-JBA-_ROC_OC-DR-C-02**

Description	Qty	Unit	Rate	Amount	
Materials					
Rock Armour (3 to 6)	16,345	tonnes	£ 42.00	£ 686,490.00	1.9m3 to tonnes
Aggregate Tax	16,345	tonnes	£ 2.00	£ 32,690.00	
Geotextile	7,516	m2	£ 4.75	£ 35,701.00	20% Lap
Final Reinstatement to Roads	50	m	£ 39.00	£ 1,950.00	
Labour & Plant					
Recover Rock Armour at Low tide	16,345	tonnes	£ 0.50	£ 8,172.50	
Collect from the Stockpile & Transport to the Working Area	16,345	tonnes	£ 2.50	£ 40,862.50	
Excavate to Formation Level & Form Core Profile	2,784	m3	£ 1.25	£ 3,480.00	0.5m x 10m x 1800m
Place Geotextile	7,516	m2	£ 1.50	£ 11,274.00	
Place Rock Armour to Revetment	16,345	tonnes	£ 5.00	£ 81,725.00	
General Support					
Banksman	8	Wk	£ 650.00	£ 5,200.00	
Storeman	8	Wk	£ 650.00	£ 5,200.00	
Telehandler + Operator	8	Wk	£ 1,350.00	£ 10,800.00	
2 x Drip Trays	8	Wk	£ 10.00	£ 80.00	
Bunded Fuel Tank	8	Wk	£ 60.00	£ 480.00	
Van	8	Wk	£ 275.00	£ 2,200.00	
Small Tools	8	Wk	£ 130.00	£ 1,040.00	
Demarcation Fence 600m	8	Wk	£ 300.00	£ 2,400.00	
Footpath Diversion Signs	8	Wk	£ 50.00	£ 400.00	
5 KVA Generator	8	Wks	£ 60.00	£ 480.00	
3nr Lighting Towers	8	Wks	£ 600.00	£ 4,800.00	
Welfare					
3 x Office	8	Wks	£ 225.00	£ 1,800.00	
Canteen	8	Wks	£ 80.00	£ 640.00	
Drying Room	8	Wks	£ 60.00	£ 480.00	
Container Store x 2	8	Wks	£ 60.00	£ 480.00	
Toilet Block	8	Wks	£ 80.00	£ 640.00	
50KVA Generator + Fuel	8	Wks	£ 450.00	£ 3,600.00	
Cess Tank Cleaning	4	Nr	£ 300.00	£ 1,200.00	
Security Cameras	8	Wks	£ 350.00	£ 2,800.00	
Supervision					
Contracts Manager	2	Wk	£ 1,900.00	£ 3,800.00	
Project Manager	12	Wk	£ 1,700.00	£ 20,400.00	
Site Engineer	8	Wk	£ 1,200.00	£ 9,600.00	

General Foremen	8 Wk	£ 1,250.00	£ 10,000.00
QS	4 Wk	£ 1,575.00	£ 6,300.00
Planner	2 Wk	£ 1,500.00	£ 3,000.00
Lodge & Subsistence of Key Staff	8 Wks	£ 2,000.00	£ 16,000.00

Sub Contractors

Site Investigation	1 Sum	£ 5,000.00	£ 5,000.00
Condition Survey	1 Sum	£ 2,500.00	£ 2,500.00

Mob/Demob

Forklift	2 nr	£ 300.00	£ 600.00
Hiab Lorry	2 nr	£ 1,500.00	£ 3,000.00
Welfare Units	2 nr	£ 3,000.00	£ 6,000.00
Rock Placing Gang	2 nr	£12,000.00	£ 24,000.00

Sub Total £ 1,057,265.00

Fee @ 12% £ 126,871.80

Risk @ 60% £ 710,482.08

Total £ 1,894,618.88

Risks

Weather Freezing/High Winds/Snow
Rough Seas Standing Plant
Temporary Works
Complaints
Condition Surveys
Pour Ground Conditions
Private Access to Houses
Design Development
Restricted Access
Contaminated Ground
Working Hours
Tidal Working
Final Reinstatement of Roads
Additional Rock