

ISLE OF MAN GOVERNMENT

Douglas Open Coast

10/12/2014

**Option DOCB1 - Rock Revetment
Drw - IoM-JBA-_D_OC-DR-C-03**

Description - Length 280m	Qty	Unit	Rate	Amount	
Materials					
Rock Armour (3 to 6)	19,726	tonnes	£ 42.00	£ 828,492.00	1.9m3 to tonnes
Filter Layer (0.3 to 1.0t)	11,492	tonnes	£ 42.00	£ 482,664.00	
Aggregate Tax	31,218	tonnes	£ 2.00	£ 62,436.00	
Quarry Run Material	8,568	tonnes	£ 20.00	£ 171,360.00	
Geotextile	8,064	m2	£ 4.75	£ 38,304.00	20% Lap
Final Reinstatement to Roads	50	m	£ 39.00	£ 1,950.00	
Labour & Plant					
Recover Rock Armour at Low tide	31,218	tonnes	£ 0.50	£ 15,609.00	
Collect from the Stockpile & Transport to the Working Area	31,218	tonnes	£ 2.50	£ 78,045.00	
Excavate to Formation Level & Form Core Profile	1,400	m3	£ 1.25	£ 1,750.00	0.5m x 10m x 1800m
Place Quarry Run Material to Formation	8568	tonnes	£ 3.00	£ 25,704.00	
Place Geotextile	8,064	m2	£ 1.50	£ 12,096.00	
Place Rock Armour to Revetment	31,218	tonnes	£ 5.00	£ 156,090.00	
General Support					
Banksman	12	Wk	£ 650.00	£ 7,800.00	
Storeman	12	Wk	£ 650.00	£ 7,800.00	
Telehandler + Operator	12	Wk	£ 1,350.00	£ 16,200.00	
2 x Drip Trays	12	Wk	£ 10.00	£ 120.00	
Bunded Fuel Tank	12	Wk	£ 60.00	£ 720.00	
Van	12	Wk	£ 275.00	£ 3,300.00	
Small Tools	12	Wk	£ 130.00	£ 1,560.00	
Demarcation Fence 600m	12	Wk	£ 300.00	£ 3,600.00	
Footpath Diversion Signs	12	Wk	£ 50.00	£ 600.00	
5 KVA Generator	12	Wks	£ 60.00	£ 720.00	
3nr Lighting Towers	12	Wks	£ 600.00	£ 7,200.00	
Welfare					
3 x Office	12	Wks	£ 225.00	£ 2,700.00	
Canteen	12	Wks	£ 80.00	£ 960.00	
Drying Room	12	Wks	£ 60.00	£ 720.00	
Container Store x 2	12	Wks	£ 60.00	£ 720.00	
Toilet Block	12	Wks	£ 80.00	£ 960.00	

50KVA Generator + Fuel	12 Wks	£ 450.00	£ 5,400.00
Cess Tank Cleaning	6 Nr	£ 300.00	£ 1,800.00
Security Cameras	12 Wks	£ 350.00	£ 4,200.00

Supervision

Contracts Manager	3 Wk	£ 1,900.00	£ 5,700.00
Project Manager	16 Wk	£ 1,700.00	£ 27,200.00
Site Engineer	13 Wk	£ 1,200.00	£ 15,600.00
General Foremen	13 Wk	£ 1,250.00	£ 16,250.00
QS	6 Wk	£ 1,575.00	£ 9,450.00
Planner	3 Wk	£ 1,500.00	£ 4,500.00
Lodge & Subsistence of Key Staff	12 Wks	£ 2,000.00	£ 24,000.00

Sub Contractors

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

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 £ 2,087,880.00

Fee @ 12% £ 250,545.60

Risk @ 60% £ 1,403,055.36

Total £ 3,741,480.96

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