

ISLE OF MAN GOVERNMENT

Castletown Open Coast

09/12/2014

**Option 3 - Rock Revetment
Drw - IoM-JBA-_C_OC-DR-C-01**

Description	Qty	Unit	Rate	Amount	
Materials					
Rock Armour (3 to 6)	24,000	tonnes	£ 42.00	£ 1,008,000.00	1.9m3 to tonnes
Aggregate Tax	24,000	tonnes	£ 2.00	£ 48,000.00	
Quarry Run Material	1,875	tonnes	£ 20.00	£ 37,500.00	
Geotextile	8,100	m2	£ 4.75	£ 38,475.00	
Final Reinstatement to Roads	50	m	£ 39.00	£ 1,950.00	
Labour & Plant					
Recover Rock Armour at Low tide	24,000	tonnes	£ 0.50	£ 12,000.00	
Collect from the Stockpile & Transport to the Working Area	24,000	tonnes	£ 2.50	£ 60,000.00	
Excavate to Formation Level & Form Core Profile	2,625	m3	£ 1.25	£ 3,281.25	
Place Quarry Run Material to Formation	1875	tonnes	£ 2.50	£ 4,687.50	
Place Geotextile	8,100	m2	£ 1.50	£ 12,150.00	
Place Rock Armour to Revetment	24,000	tonnes	£ 5.00	£ 120,000.00	
General Support					
Banksman	11	Wk	£ 650.00	£ 7,150.00	
Storeman	11	Wk	£ 650.00	£ 7,150.00	
Telehandler + Operator	11	Wk	£ 1,350.00	£ 14,850.00	
2 x Drip Trays	11	Wk	£ 10.00	£ 110.00	
Bunded Fuel Tank	11	Wk	£ 60.00	£ 660.00	
Van	11	Wk	£ 275.00	£ 3,025.00	
Small Tools	11	Wk	£ 130.00	£ 1,430.00	
Demarcation Fence 600m	11	Wk	£ 300.00	£ 3,300.00	
Footpath Diversion Signs	11	Wk	£ 50.00	£ 550.00	
5 KVA Generator	11	Wks	£ 60.00	£ 660.00	
3nr Lighting Towers	11	Wks	£ 600.00	£ 6,600.00	
Welfare					
3 x Office	11	Wks	£ 225.00	£ 2,475.00	
Canteen	11	Wks	£ 80.00	£ 880.00	
Drying Room	11	Wks	£ 60.00	£ 660.00	
Container Store x 2	11	Wks	£ 60.00	£ 660.00	
Toilet Block	11	Wks	£ 80.00	£ 880.00	
50KVA Generator + Fuel	11	Wks	£ 450.00	£ 4,950.00	
Cess Tank Cleaning	6	Nr	£ 300.00	£ 1,800.00	

Security Cameras	11 Wks	£ 350.00	£ 3,850.00
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Supervision

Contracts Manager	2 Wk	£ 1,900.00	£ 3,800.00
Project Manager	15 Wk	£ 1,700.00	£ 25,500.00
Site Engineer	12 Wk	£ 1,200.00	£ 14,400.00
General Foremen	12 Wk	£ 1,250.00	£ 15,000.00
QS	6 Wk	£ 1,575.00	£ 9,450.00
Planner	2 Wk	£ 1,500.00	£ 3,000.00
Lodge & Subsistence of Key Staff	11 Wks	£ 2,000.00	£ 22,000.00

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 **£ 1,541,933.75**

Fee @ 12% £ 185,032.05

Risk @ 60% £ 1,036,179.48

Total **£ 2,763,145.28**

Risks

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