

ISLE OF MAN GOVERNMENT

Douglas Open Coast

10/12/2014

**Option DOCB2 - XBloc Revetment
Drw - IoM-JBA-_D_OC-DR-C-03**

Description - Length 280m	Qty	Unit	Rate	Amount	
Materials					
Rock Armour (3 to 6)	14,246	tonnes	£ 42.00	£ 598,332.00	1.9m3 to tonnes
Filter Layer (0.3 to 1.0t)	6,043	tonnes	£ 42.00	£ 253,806.00	
Aggregate Tax	20,289	tonnes	£ 2.00	£ 40,578.00	
Xbloc	420	nr	£ 1,500.00	£ 630,000.00	
Quarry Run Material	18,900	tonnes	£ 20.00	£ 378,000.00	
Geotextile	6,720	m2	£ 4.75	£ 31,920.00	20% Lap
Final Reinstatement to Roads	50	m	£ 39.00	£ 1,950.00	
Labour & Plant					
Recover Rock Armour at Low tide	20,289	tonnes	£ 0.50	£ 10,144.50	
Collect from the Stockpile & Transport to the Working Area	20,289	tonnes	£ 2.50	£ 50,722.50	
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	18,900	tonnes	£ 3.00	£ 56,700.00	
Place Geotextile	6,720	m2	£ 1.50	£ 10,080.00	
Place Rock Armour to Revetment	20,289	tonnes	£ 5.00	£ 101,445.00	
Place Xbloc	420	nr	£ 100.00	£ 42,000.00	
unload Xbloc on Site	420	nr	£ 40.00	£ 16,800.00	
General Support					
Banksman	10	Wk	£ 650.00	£ 6,500.00	
Storeman	10	Wk	£ 650.00	£ 6,500.00	
Telehandler + Operator	10	Wk	£ 1,350.00	£ 13,500.00	
2 x Drip Trays	10	Wk	£ 10.00	£ 100.00	
Bunded Fuel Tank	10	Wk	£ 60.00	£ 600.00	
Van	10	Wk	£ 275.00	£ 2,750.00	
Small Tools	10	Wk	£ 130.00	£ 1,300.00	
Demarcation Fence 600m	10	Wk	£ 300.00	£ 3,000.00	
Footpath Diversion Signs	10	Wk	£ 50.00	£ 500.00	
5 KVA Generator	10	Wks	£ 60.00	£ 600.00	
3nr Lighting Towers	10	Wks	£ 600.00	£ 6,000.00	
Welfare					
3 x Office	10	Wks	£ 225.00	£ 2,250.00	
Canteen	10	Wks	£ 80.00	£ 800.00	
Drying Room	10	Wks	£ 60.00	£ 600.00	
Container Store x 2	10	Wks	£ 60.00	£ 600.00	

Toilet Block	10 Wks	£ 80.00	£ 800.00
50KVA Generator + Fuel	10 Wks	£ 450.00	£ 4,500.00
Cess Tank Cleaning	5 Nr	£ 300.00	£ 1,500.00
Security Cameras	10 Wks	£ 350.00	£ 3,500.00

Supervision

Contracts Manager	2 Wk	£ 1,900.00	£ 3,800.00
Project Manager	14 Wk	£ 1,900.00	£ 26,600.00
Site Engineer	11 Wk	£ 1,700.00	£ 18,700.00
General Foremen	11 Wk	£ 1,250.00	£ 13,750.00
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	£ 5,000.00	£ 5,000.00

Mob/Demob

Crane 50t	2 nr	£ 3,000.00	£ 6,000.00
Crane 120t	2 nr	£ 6,000.00	£ 12,000.00
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 **£ 2,439,028.00**

Fee @ 12% £ 292,683.36

Risk @ 60% £ 1,639,026.82

Total **£ 4,370,738.18**

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
Finasl Reinstatement of Roads
Additional Rock