

ISLE OF MAN GOVERNMENT

Gansey

12/12/2014

**Option GOC2 - XBloc Revetment
Drw - IoM-JBA-_G_OC-DR-C-02**

Description	Qty	Unit	Rate	Amount	
Materials					
Rock Armour (3 to 6)	35,586	tonnes	£ 42.00	£ 1,494,612.00	1.9m3 to tonnes
Aggregate Tax	35,586	tonnes	£ 2.00	£ 71,172.00	
Xbloc	1,725	nr	£ 1,500.00	£ 2,587,500.00	
Geotextile	19,872	m2	£ 4.75	£ 94,392.00	20% Lap
Final Reinstatement to Roads	50	m	£ 39.00	£ 1,950.00	
Labour & Plant					
Recover Rock Armour at Low tide	35,586	tonnes	£ 0.50	£ 17,793.00	
Collect from the Stockpile & Transport to the Working Area	35,586	tonnes	£ 2.50	£ 88,965.00	
Excavate to Formation Level & Form Core Profile	9,936	m3	£ 1.25	£ 12,420.00	0.5m x 10m x 1800m
Remove existing Rock & Reprofile	8,694	M3	£ 8.00	£ 69,552.00	
Place Geotextile	19,872	m2	£ 1.50	£ 29,808.00	
Place Rock Armour to Revetment	35,586	tonnes	£ 5.00	£ 177,930.00	
Place Xbloc	1,725	nr	£ 100.00	£ 172,500.00	
unload Xbloc on Site	1,725	nr	£ 40.00	£ 69,000.00	
General Support					
Banksman	18	Wk	£ 650.00	£ 11,700.00	
Storeman	18	Wk	£ 650.00	£ 11,700.00	
Telehandler + Operator	18	Wk	£ 1,350.00	£ 24,300.00	
2 x Drip Trays	18	Wk	£ 10.00	£ 180.00	
Bunded Fuel Tank	18	Wk	£ 60.00	£ 1,080.00	
Van	18	Wk	£ 275.00	£ 4,950.00	
Small Tools	18	Wk	£ 130.00	£ 2,340.00	
Demarcation Fence 600m	18	Wk	£ 300.00	£ 5,400.00	
Footpath Diversion Signs	18	Wk	£ 50.00	£ 900.00	
5 KVA Generator	18	Wks	£ 60.00	£ 1,080.00	
3nr Lighting Towers	18	Wks	£ 600.00	£ 10,800.00	
Welfare					
3 x Office	18	Wks	£ 225.00	£ 4,050.00	
Canteen	18	Wks	£ 80.00	£ 1,440.00	
Drying Room	18	Wks	£ 60.00	£ 1,080.00	
Container Store x 2	18	Wks	£ 60.00	£ 1,080.00	
Toilet Block	18	Wks	£ 80.00	£ 1,440.00	
50KVA Generator + Fuel	18	Wks	£ 450.00	£ 8,100.00	
Cess Tank Cleaning	9	Nr	£ 300.00	£ 2,700.00	
Security Cameras	18	Wks	£ 350.00	£ 6,300.00	

Supervision

Contracts Manager	4 Wk	£ 1,900.00	£ 7,600.00
Project Manager	22 Wk	£ 1,900.00	£ 41,800.00
Site Engineer	19 Wk	£ 1,700.00	£ 32,300.00
Site Engineer	15 Wk	£ 1,200.00	£ 18,000.00
General Foremen	19 Wk	£ 1,250.00	£ 23,750.00
QS	9 Wk	£ 1,575.00	£ 14,175.00
Planner	5 Wk	£ 1,500.00	£ 7,500.00
Lodge & Subsistence of Key Staff	18 Wks	£ 2,000.00	£ 36,000.00

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 £ 5,230,939.00

Fee @ 12% £ 627,712.68

Risk @ 60% £ 3,515,191.01

Total £ 9,373,842.69

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