

K1532/1 CGG Whitehill Road Coastal Protection - Additional Works GSC Groynes Construction Cost Estimate

Prepared by: J Chen

Checked by: C Doak

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Item	Activity	Quantity	Units	Unit Rate	Subtotal	Total for Item
1	Preliminaries					\$ 30,000
1.1	Mobilisation, site establishment, demobilisation and site clean up	1	Item	\$ 30,000	\$ 30,000	
2	Northern Low Level GSC Groyne Construction					\$ 212,400
3.1	Supply double vandal sided 2.5 m3 GSC (STD, SFL & SFS)	240	Item	\$ 410	\$ 98,400	
3.2	Import sand for filling GSCs and stockpile (from Pages Beach or Southgate Dunes)	700	m ³	\$ 30	\$ 21,000	
3.3	Sand bund construction platform	1,100	m ³	\$ 30	\$ 33,000	
3.4	Fill & Place GSC	240	Item	\$ 250	\$ 60,000	
4	Sand Nourishment					\$ -
4.1	Import sand from terrestrial sources and place on beach	0	m ³	\$ 30	\$ -	
5	Saving due to Existing Material					-\$ 63,960
5.1	156 existing GSC's to be supplied by the City	156	Item	\$ 410	-\$ 63,960	
	Subtotal 1				\$ 178,440	\$ 178,440
	Management & Design Fees	5	%		\$ 8,922	\$ 8,922
	Contingencies	10	%		\$ 17,844	\$ 17,844
	Subtotal 2				\$ 205,206	\$ 205,206
	Goods & Services Tax				\$ 20,521	\$ 20,521
	Total Estimated Cost				\$ 225,727	\$ 225,727

Notes

1. Based on design drawings
2. Does not include any approval cost

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