

Lanikai Beach Restoration Pilot Project

Construction cost estimate 4/16/2010 DS

Item	Quantity	Unit	Unit cost	Total
Sand (for groins)	6500	cy	\$150	\$975,000
Geotextiles	1	set	\$110,000	\$110,000
Sand (for beach)	15600	cy	\$150	\$2,340,000
Base Yard	1	ea	\$25,000	\$25,000
Labor (4-6 workers)	45	days	\$5,000	\$225,000
Heavy equipment	45	days	\$2,000	\$90,000
Sand blowing	15600	cy	\$20	\$312,000
Environmental controls and monitoring	1	ea	\$50,000	\$50,000
			Subtotal	\$4,127,000
			Contingency (15%)	\$619,050
			Total	\$4,746,050