Daysailer Project

Cost Estimation 01 - Concrete mold/Vacuum Infusion hull

				first hull				second hull	
		U	cant	unit cost	total USD	U	cant	unit cost	total USD
Mold									
	plywood 9mm 1,60x2,10m	plank	7	$ 10,16	$ 71,14				
	CNC Plotter/ply cut	GL	1	$ 93,50	$ 93,50				
	Concrete	m3	1,6	$ 73,17	$ 117,07				
	Sand/ under mold filler	m3	3,5	$ 7,32	$ 25,61				
	Binder/concrete sealant	kg	80	$ 0,61	$ 48,78	kg	10	$ 0,61	$ 6,10
	gloss finish/plaster-paint	lts	8	$ 4,07	$ 32,52	lts	4	$ 4,07	$ 16,26
	handwork	journey	10	$ 12,20	$ 121,95	journey	2	$ 12,20	$ 24,39
	Others	GL	1	$ 100,00	$ 100,00	GL	1	$ 50,00	$ 50,00
					$ 610,57				**$ 96,75**
Tools/ Equipment									
	Vacuum Pump 3hp	U	1	$ 300,00	$ 300,00				
	Pipes/tubes/fittings	GL	1	$ 121,95	$ 121,95	GL	1	$ 121,95	$ 121,95
	Nylon PVC	m2	20	$ 0,61	$ 12,20	m2	20	$ 0,61	$ 12,20
					$ 434,15				**$ 134,15**
Resin/Roving/Others									
	Wax	kg	5	$ 3,25	$ 16,26			$ 3,25	$ 0,00
	Gelcoat/ finish	kg	3	$ 8,13	$ 24,39	kg	3	$ 8,13	$ 24,39
	Polyester resin 450cp viscosity	kg	40	$ 4,07	$ 162,60	kg	40	$ 4,07	$ 162,60
	Roving #600	kg	25	$ 5,24	$ 131,10	kg	25	$ 5,24	$ 131,10
	Fiber cloth #300	kg	12	$ 4,67	$ 56,10	kg	12	$ 4,67	$ 56,10
	Fiber veil /surface finish	kg	3	$ 1,75	$ 5,24	kg	3	$ 1,75	$ 5,24
	handwork	journey	2	$ 12,20	$ 24,39	J	2	$ 12,20	$ 24,39
					$ 420,08				**$ 403,82**
	Total estimated hull weight	kg	**80**		**$ 1.464,80**				**$ 634,72**
				taxes	**$ 336,90**				**$ 145,98**
				Total Cost	**$ 1.801,70**				**$ 780,70**