

PSWC Bill of Materials and Production Cost Estimates

Table 1 lists the name, quantity, unit price, and total cost of each material used for the construction of the canoe. Costs associated with engineering, testing, construction, prototypes, etc. are not included in this document.

Table 1: BOM and Production Cost Estimates

<i>Concrete Materials</i>				
Material	Quantity	Unit	Unit Cost	Total Price
Type 2 Portland Cement	147.7	lb.	\$0.13/lb.	\$19.20
Type S Lime	10.8	lb.	\$0.20/lb.	\$2.15
Poraver [®] (0.5-1mm)	25	lb.	\$0.70/lb.	\$17.50
Mortar Sand	61.65	lb.	\$0.73/lb.	\$45.00
Fibermesh [®] 150	4.8	oz.	\$5.00/oz	\$24.00
<i>Reinforcement</i>				
Material	Quantity	Unit	Unit Cost	Total Price
Green Stucco Fiberglass Mesh	20	yds.	\$6.50/yd.	\$130.00
<i>Construction</i>				
Material	Quantity	Unit	Unit Cost	Total Price
Mold	1	Lump Sum	\$852.08	\$852.08
Form Oil	0.5	gal.	\$33.00/ft.	\$16.50
Styrofoam	3.2	cu. ft.	\$6.93/ cu. ft.	\$22.17
<i>Finishing</i>				
Material	Quantity	Unit	Unit Cost	Total Price
Water Based Stain	1.5	gal.	\$35.40/gal.	\$53.10
Sealer	2	gal.	\$25.00/gal.	\$50.00
<i>Total Production Cost</i>				\$1,231.70