

BILL OF MATERIAL

Prepared By:

Qty.

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Part #	Part Name	Parts per	Finished Size (inches)				Rough Size (inches)			Material	Remarks	Board Footage	UoM	Waste Factor	Board foot. with Waste	Material Price \$	Cost Per Unit
		unit	L	W	T		L	W	T			Per Unit		%			
1	Top	1	15 3/4	11 1/4	3/4		16 3/4	11 1/2	4/4	Red Oak		0.92	Bd.Ft.	60%	1.06		
2	Front	1	15	3 1/2	11/16		16	3 3/4	4/4	Red Oak		0.64	Bd.Ft.	60%	0.80		
3	Back	1	15	3 1/2	11/16		16	3 3/4	4/4	Red Oak		0.64	Bd.Ft.	60%	0.89		
4	Sides	2	10 1/2	3 1/2	11/16		22 1/4	3 3/4	4/4	Red Oak		0.77	Bd.Ft.	60%	0.12		
5	Bottom	1	14 1/8	9 5/8	1/4		15 1/8	9 7/8	4/4		sheet stock	0.94	Bd.Ft.	60%	1.09		
6	Front and Rear Base	2	15 7/8	1 1/2	11/16		16 7/8	1 3/4	4/4	Red Oak		0.17	Bd.Ft.	60%	0.20		
7	Side Bases	2	11 3/8	1 1/2	11/16		24	1 3/4	4/4	Red Oak		0.24	Bd.Ft.	60%	0.27		
8	Tray Support Cleat	2	9 1/8	1 1/4	3/8		19 1/2	1 1/2	4/4	Red Oak	e all tray parts t	0.16	Bd.Ft.	60%	0.19		
9	Tray Front & Back	2	13 9/16	1 1/2	3/8		14 9/16	1 3/4	4/4	Red Oak	e all tray parts t	0.28	Bd.Ft.	60%	0.32		
10	Tray Ends	2	4	1 1/2	3/8		9 1/4	1 3/4	4/4	Red Oak	e all tray parts t	0.08	Bd.Ft.	60%	0.09		
11	Tray Dividers	2	3 5/8	1 1/2	3/8		8 1/2	1 3/4	4/4	Red Oak	e all tray parts t	0.07	Bd.Ft.	60%	0.08		
12	Tray Bottom	1	13 9/16	4	1/4		14 9/16	4 1/4	4/4	Red Oak	e all tray parts t	0.38	Bd.Ft.	60%	4.41		
13	Base rail foot	4	2 3/8	2 3/8	1/4		11 1/4	2 5/8	4/4	Red Oak	e all tray parts t	0.16	Bd.Ft.	60%	0.19		
														Total cost Per Unit:			
														Total cost Per Run:			

many improvements needed.

$$35 \mid 45$$

Wrong ok
Total cost Per Unit:
Total cost Per Run:
be careful
waste factors

Costs?

Wrong material

x Use the waste factors given in the assignment