

<u>2002 FIRST Robotics Competition</u>	<u>Bill of Materials</u>																																																																																																																																														
Important note: The spreadsheet offers 2 choices of flanges, nipples, and steel angle. The black flanges and nipples are significantly cheaper than their galvanized counterparts; likewise, the steel angle is cheaper than the stainless steel angle. It is your choice as to which you purchase. Both options are shown. Using galvanized and stainless steel will cost you an additional \$ 100 or more. FIRST will be using galvanized flanges and nipples and stainless steel angle.																																																																																																																																															
<u>Supplier: The Home Depot</u>																																																																																																																																															
<table border="1"> <thead> <tr> <th><u>Parts List</u></th> <th><u>Note</u></th> <th><u>Qty</u></th> <th><u>Unit \$</u></th> <th><u>Total \$</u></th> <th><u>Part # or Description</u></th> <th><u>Less expensive Option</u></th> <th><u>FIRST Option</u></th> </tr> </thead> <tbody> <tr> <td>4' x 8' x 3/4" sheet ACX fir plywood</td> <td></td> <td>1</td> <td>\$25.00</td> <td>\$25.00</td> <td></td> <td></td> <td></td> </tr> <tr> <td>casters</td> <td></td> <td>8</td> <td>\$4.97</td> <td>\$39.76</td> <td>9394H</td> <td>168-491</td> <td>168-492</td> </tr> <tr> <td>1-1/4" flanges</td> <td></td> <td>32</td> <td>\$1.94</td> <td>\$62.08</td> <td></td> <td>564-331 (black)</td> <td>182-141 (galv)</td> </tr> <tr> <td>1-1/4" x 12" nipples</td> <td></td> <td>16</td> <td>\$2.82</td> <td>\$45.12</td> <td></td> <td>564-037 (black)</td> <td>349-852 (galv)</td> </tr> <tr> <td>1" x 1" x 1/8" x 4' angle</td> <td>structurally optional</td> <td>4</td> <td>\$4.98</td> <td>\$33.00</td> <td></td> <td>365-653 (steel)</td> <td>galv - 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Ralph Lauren Spinnaker Blue Semi-gloss	structurally optional	1	\$10.47	\$10.47	quart			Accessories (this is what FIRST will use)				\$250.33				hex head machine bolt 1/4"-20 x 1-1/4"	you can use other bolt head types	214						1/4" x 20 nylon lock nuts	you can use standard nuts / lock washers	214						1/4" flat washer		112						Bin or Killz or the like	structurally optional - used as a primer	1			quart			Part prices from a Home Depot in New Hampshire							
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