

*Table 1: Detailed Bill of Materials*

<b>Item Name</b>	<b>Description</b>	<b>Quantity</b>	<b>Unit Cost (\$)</b>	<b>Extended Cost (\$)</b>
<b>Batteries</b>	9V Alkaline	2	8.11	16.22
<b>Steel Round Pipe</b>	8-in x 30-in Galvanized Steel Round Pipe, 28 Gauge	1	22.00	22.00
<b>Keyed Shafting</b>	POWERFIST Keyed Shafting to rotate the drum	2	34.99	69.98
<b>Motor</b>	Gear 12VDC	1	9.99	9.99
<b>Block Bearing</b>	Standard Duty Pillow Block Bearing Assemblies	2	14.99	29.98
<b>Capacitors</b>	1uF – 400V	30	0.23	6.90
<b>Diodes</b>	1N4007	30	0.081	2.43
<b>Prints and Miscellaneous</b>				12
<b>Shipping and Taxes</b>	(8+2.25+3.41+13+2.53)			29.19
<b>Total</b>				198.69