

Item Name	Quantity	Cost (per item)	Shipping	Total Cost	Link
Oculus Rift	1	~\$500	?	?	
Joyrider Plans	1	\$15.00	\$0.00	\$15.00	http://www.acesim.com/plans.html
PVC					
Schedule 40 Solid Core Plain End Pipe-3"x10'	2	\$12.25	\$0.00	\$24.50	http://www.menards.com/main/plumbing/rough-plumbing/pipe-tubing-hoses-fittings-accessories/pipe/pvc-pipe/schedule-40-solid-core-plain-end-pipe-3x10/p-1729935-c-8571.htm
Schedule 40 Solid Core Plain End Pipe-2"x10'	4	\$5.77	\$0.00	\$23.08	http://www.menards.com/main/plumbing/rough-plumbing/pipe-tubing-hoses-fittings-accessories/pipe/pvc-pipe/schedule-40-solid-core-plain-end-pipe-2x10/p-2177273-c-8571.htm
Schedule 40 Solid Core Plain End Pipe-1-1/4"x10'	2	\$3.38	\$0.00	\$6.76	http://www.menards.com/main/plumbing/rough-plumbing/pipe-tubing-hoses-fittings-accessories/pipe/pvc-pipe/schedule-40-solid-core-plain-end-pipe-1-1-4x10/p-1729926-c-19482.htm
Schedule 40 Solid Core Plain End Pipe-1"x10'	2	\$2.48	\$0.00	\$4.96	http://www.menards.com/main/plumbing/rough-plumbing/pipe-tubing-hoses-fittings-accessories/pipe/pvc-pipe/schedule-40-solid-core-plain-end-pipe-1x10/p-1729893-c-8571.htm
2" 90 Degree Schedule 40 Elbow	6	\$1.89	\$0.00	\$11.34	http://www.menards.com/main/plumbing/rough-plumbing/pipe-tubing-hoses-fittings-accessories/fittings/pvc-fittings/pvc-schedule-40-fittings/2-90-degree-sch40-elbow/p-1752460-c-9384.htm
2" 45 Degree Schedule 40 Elbow	12	\$1.82	\$0.00	\$21.84	http://www.menards.com/main/plumbing/rough-plumbing/pipe-tubing-hoses-fittings-accessories/fittings/pvc-fittings/pvc-schedule-40-fittings/2-45-degree-sch40-elbow/p-1752451-c-19482.htm
2" Schedule 40 Tee	14	\$1.98	\$0.00	\$27.72	http://www.menards.com/main/plumbing/rough-plumbing/pipe-tubing-hoses-fittings-accessories/fittings/pvc-fittings/pvc-schedule-40-fittings/2-sch40-tee/p-1752483.htm?cm_vcp=PDZP1
3" 90 Degree El Schedule 40	4	\$6.49	\$0.00	\$25.96	http://www.menards.com/main/plumbing/rough-plumbing/pipe-tubing-hoses-fittings-accessories/fittings/pvc-fittings/pvc-schedule-40-fittings/3-90-degree-el-sch-40/p-1752463-c-9384.htm
1-1/4" 90 Degree PVC Elbow	4	\$0.63	\$0.00	\$2.52	http://www.menards.com/main/plumbing/rough-plumbing/pipe-tubing-hoses-fittings-accessories/fittings/pvc-fittings/pvc-schedule-40-fittings/1-1-4-90-degree-pvc-elbow/p-1752458-c-9384.htm
1" 90 Degree PVC Elbow	4	\$0.45	\$0.00	\$1.80	http://www.menards.com/main/plumbing/rough-plumbing/pipe-tubing-hoses-fittings-accessories/fittings/pvc-fittings/pvc-schedule-40-fittings/1-90-degree-pvc-elbow/p-1752456-c-9384.htm
1" 45 Degree PVC Elbow	8	\$0.82	\$0.00	\$6.56	http://www.menards.com/main/plumbing/rough-plumbing/pipe-tubing-hoses-fittings-accessories/fittings/pvc-fittings/pvc-schedule-40-fittings/1-45-degree-pvc-elbow/p-1752448-c-9384.htm
1" PVC Tee	2	\$0.57	\$0.00	\$1.14	http://www.menards.com/main/plumbing/rough-plumbing/pipe-tubing-hoses-fittings-accessories/fittings/pvc-fittings/pvc-schedule-40-fittings/1-pvc-tee/p-1752480-c-19482.htm
			TOTAL FOR PVC	\$158.18	
Motors and Drivers					
Motors (strong wiper or worm gear)	2	\$30.00	\$12.00	\$72.00	ebay?
Polulu Drivers	0	\$50.00	\$0.00	\$0.00	https://www.pololu.com/product/758
hall effect sensors for position feedback	2	\$15.00	\$0.00	\$30.00	http://www.digikey.com/product-search/en?x=0&y=0&lang=en&site=us&keywords=987-1392-ND
monster moto driver (arduino shield)	1	\$10.10	\$0.00	\$10.10	http://www.aliexpress.com/item/Free-Shipping-Monster-Moto-Shield-VNH2SP30-stepper-motor-driver-module-high-current-30A-for-arduino/2040328642.html
Arduino Clone	1	\$8.00	\$0.00	\$8.00	http://www.aliexpress.com/item/New-Starter-Kit-UNO-R3-mini-Breadboard-LED-jumper-wire-button-for-Arduino-compatible-free-shipping/3224853295.html
			TOTAL FOR MOTORS AND DRIVERS	\$120.10	
Pulley assembly					
small ball bearing pulley (4 pieces)	1	\$8.00	\$0.00	\$8.00	http://www.ebay.com/schl.html?_from=R40&_trksid=p2053587.m570.i1313.TR0.TRC0.H0.Xball+bearing+pulley+46.5.TRS0&_nkw=ball+bearing+pulley+46.5&_sacat=0
5 in OD V-Belt Pulley	2	\$11.00	\$0.00	\$22.00	Fleet Farm (similar to http://www.grainger.com/product/CONGRESS-V-Belt-Pulley-3X916)
V Belt 4L790	1	\$8.00	\$0.00	\$8.00	http://www.ebay.com/schl.html?_odkw=5+in+od+pulley&_osacat=0&_from=R40&_trksid=p2045573.m570.i1313.TR0.TRC0.H0.X4l790.TRS0&_nkw=4l790&_sacat=0
V Belt 4l980	1	\$10.00	\$0.00	\$10.00	http://www.ebay.com/schl.html?_odkw=4l980&_osacat=0&_from=R

Female to female pin headers	1	\$2.11	\$0.00	\$2.11	http://www.amazon.com/Leegoal-2-54mm-Straight-Single-Headers/dp/B00899WQ6U/ref=sr_1_1?ie=UTF8&qid=1432876143&sr=8-1&keywords=female+pin+header
E stop switch	2	\$4.00	\$0.00	\$8.00	http://www.ebay.com/sch/i.html?_from=R40&_trksid=p2050601.m570.i1313.TR2.TRC1.A0.H0.Xemergency+stop+switch.TRS0&_nkw=emergency+stop+switch&_sacat=0
TOTAL FOR OTHER				\$226.36	
ROUGH TOTAL FOR PROJECT:				\$726.48	