ITEMS	QTY	UNIT PRICE (USD)	UNIT SIZE	UNIT DIMENSION	SOURCE	SPECIAL NOTES/STATUS	WEBSITE LINKS
ELECTRICAL CONTROLS	**QTY**	**UNIT PRICE**	**UNIT SIZE**	**UNIT DIM.**	**SOURCE**	**NOTES**	**WEBSITES**
USB-SSR24 - 64 Supply Voltages - 30V 350mA	4	399.00	1	N/A	Measurement Computing	Relay Digital Control Boards	http://www.measurementcomputing.com
SSR-ODC-05 Relays	94	9.00	1	N/A	Measurement Computing	Solid State Relays to Control Valves	http://www.measurementcomputing.com
~~USB-1208LS - 8 Analog Inputs~~	~~3~~	~~0.00~~	~~1~~	~~N/A~~	~~Measurement Computing~~	~~Only If Cost Outweighs Ease Of Use with LabView~~	~~http://www.measurementcomputing.com~~
~~Computer, LabView, Windows, Drivers~~	~~1~~	~~0.00~~	~~1~~	~~N/A~~	~~Dr. Lamkin-Kennard / ME Dept.~~	~~Purchase New, Dedicated Computer~~	~~N/A~~
18 AWG Black Wire [8073K671]	1	17.81	100	Feet (ft)	McMaster-Carr	Gauge Determined by Hardware and Supplies	http://www.mcmaster.com
18 AWG Red Wire [8073K677]	1	17.81	100	Feet (ft)	McMaster-Carr	Gauge Determined by Hardware and Supplies	http://www.mcmaster.com
18 AWG Green Wire [8073K684]	1	17.81	100	Feet (ft)	McMaster-Carr	Gauge Determined by Hardware and Supplies	http://www.mcmaster.com
12V 2A AC-DC Power Supply [552-PSC-30U-120-R]	6	25.09	1	N/A	Mouser	Needed for Valves and Potentiometers	http://www.mouser.com
USB Hub (4-Port) [4974T35]	2	49.74	1	N/A	McMaster-Carr	Has it's Own Power Supply	http://www.mcmaster.com
Linear Potentiometers [RA4545F-20R-15LC-B50K-C]	14	2.08	1	N/A	Mouser	Same As Previous Team	http://www.mouser.com
Rotational Potentiometers [PDB241-E420K-504A2]	9	2.68	1	N/A	Mouser	Could Choose Different Model If Necessary	http://www.mouser.com
FINGERS	**QTY**	**UNIT PRICE**	**UNIT SIZE**	**UNIT DIM.**	**SOURCE**	**NOTES**	**WEBSITES**
Al Fully Threaded Stud 10-32 Thread [93225A787]	10	8.15	4	inches	McMaster-Carr	Could Purchase 36" Sections and Machine Them	http://www.mcmaster.com
Nylon Clevis Rod End 10-32 Female Thread [2449K11]	10	3.25	10-32	N/A	McMaster-Carr		http://www.mcmaster.com
Universal Joint 10-32 Female Thread	5	???	10-32	N/A			
Al 2011 Rod [88615K441]	1	20.59	1	inches	McMaster-Carr		http://www.mcmaster.com
Al Hex Nylon-Insert Locknut 10-32 Screw [95856A235]	25	4.29	3/8	inches	McMaster-Carr		http://www.mcmaster.com
Fishing Line	???	???	???	???	???	Will Be Prestretched After Purchase	
AIR MUSCLES	**QTY**	**UNIT PRICE**	**UNIT SIZE**	**UNIT DIM.**	**SOURCE**	**NOTES**	**WEBSITES**
TechFlex Clean Cut PET 3/8"	1	26.00	50	Feet (ft)	Wire Care		http://www.wirecare.com
TechFlex Clean Cut PET 1/2"	1	30.00	50	Feet (ft)	Wire Care		http://www.wirecare.com
TechFlex Clean Cut PET 3/4"	1	36.00	50	Feet (ft)	Wire Care		http://www.wirecare.com
Brass Barbed Hose Fittings	30	10.00	10	Package	McMaster-Carr	Push-to-Connect Fittings Were Leaky in the Past	http://www.mcmaster.com
Wire Eyebolts (9496T33)	2	4.20	50	Package	McMaster-Carr		http://www.mcmaster.com
1/4-5/8" Clamp 2PK62070-5L	3	0.88	1	N/A	Lowe's		http://www.lowes.com
Polycarbonate Stock for End Fittings	136	1.72	1	Feet (ft)	McMaster-Carr		http://www.mcmaster.com
Springs	23	???	???	N/A	McMaster-Carr	Air Muscles Will Be Used If Spring Not Viable	http://www.mcmaster.com
AIR FLOW	**QTY**	**UNIT PRICE**	**UNIT SIZE**	**UNIT DIM.**	**SOURCE**	**NOTES**	**WEBSITES**
Solenoid Valve [EVO-3m-24V]	92	12.00	1	N/A	Roessel		http://www.roessel.com/
Solenoid Manifold	8	17.00	1	N/A	Roessel		http://www.roessel.com/
Air Hose [1/4in od, 1/8in id]	9	20.06	50	Feet (ft)	Roessel		http://www.roessel.com/
Pressure Regulator	5	15.00	1	N/A	Wal-Mart		http://www.wal-mart.com
Plenum	2	300.00	1	N/A	McMaster-Carr	Needs To Be Confirmed	http://www.mcmaster.com
Pressure Gauge [38105K51]	2	9.92	1	N/A	McMaster-Carr		http://www.mcmaster.com
Vacuum Pump [41605K33]	1	192.34	1	N/A	McMaster-Carr		http://www.mcmaster.com
T-Fitting	10	7.40	5	Fittings	Roessel		http://www.roessel.com/
	TOTAL PRICE:	**6059.21**					