

	Versablock Kit	Vexpro	2	ea	\$24.99	\$49.9
	Aluminum Tubing - 1"x2"x1/8"	McMaster-Carr	3	feet	\$3.40	\$10.2
	Bearing - 1/2" Hex	Vexpro	4	ea	\$4.99	\$19.9
	4" Colson Wheel	Vexpro	2	ea	\$9.99	\$19.9
	Aluminum Shaft - 1/2" Hex	Vexpro	1	feet	\$4.00	\$4.00
	Shaft Collar - 1/2" Hex HD	Vexpro	4	ea	\$4.99	\$19.9
	Shaft Collar - 3/8" Round	Vexpro	4	ea	\$1.99	\$7.96
	Bushing - 3/8"	McMaster-Carr	8	ea	\$0.73	\$5.84
	Steel Shaft - 3/8" Round	McMaster-Carr	1	feet	\$3.00	\$3.00
	BAG Motor	KOP	2	ea	\$0.00	\$0.00
	Versaplanetary Gearbox Kit	Vexpro	2	ea	\$39.99	\$79.9
	Ring gear Kit - 4:1	Vexpro	2	ea	\$24.99	\$49.9
	Ring gear Kit - 10:1	Vexpro	2	ea	\$24.99	\$49.9
	200 Tooth Belt	Vexpro	2		\$12.49	
				<u>ea</u>		\$24.9
	Versapulley - 18T	Vexpro	4	ea	\$9.99	\$39.9
	Pneumatic Cylinder	McMaster-Carr	1	ea	\$40.01	\$40.0
	Talon Motor Control	AndyMark 2014	2	ea	\$59.00	\$118.
	FESTO Double Solenoid	FIRST CHOICE	11	ea	\$0.00	\$0.0
						\$0.0
					Subtotals:	\$543.
bsystem 4:	Container Grabber		_			
	Tape measure - 16'	Home Depot	1	ea	\$18.00	\$18.
	4" Tetrix Wheel	KOP	1	ea	\$0.00	\$0.0
	Tetrix Framing Material	KOP	1	ea	\$0.00	\$0.0
	Versaplanetary Gearbox Kit	Vexpro	1	ea	\$34.99	\$34.
	Ring gear Kit - 3:1	Vexpro	1	ea	\$24.99	\$24.
	Ring gear Kit - 10:1	Vexpro	1	ea	\$24.99	\$24.
	BAG Motor	KOP	1	ea	\$0.00	\$0.0
	S4 Shaft Encoder, 120 CPR, 1/4" Dia Shaft, Single-Ended, Ball Bearing	U.S Digital	1	ea	\$60.13	\$60.
	Cable Assembly, Shielded cable, MIC4 Connector to No Connector, 4 ft length	U.S Digital	1	ea	\$9.80	\$9.8
	Talon Motor Control	AndyMark 2014			\$59.00	\$59.
	Taion Motor Control	AlluyMark 2014		ea	\$39.00	\$0.0
	·				Subtotals:	\$231
ubevetom Ei	Pneumatics				Subtotais.	\$2J1.
ubsystem 5:	VIAIR 90C Compressor	KOP	1	ea	\$0.00	\$0.0
	Clippard Air Storage Tanks	Clippard	2	ea	\$15.40	\$30.8
	Pressure Relief Valve	KOP		ea	\$0.00	\$0.0
	Pressure Switch	KOP	1	ea	\$0.00	\$0.0
	Pressure Regulator	KOP	1	ea	\$0.00	\$0.0
	Pressure Gauge	<u>кор</u> Кор	1	ea ea		\$0.0
			1 2		\$0.00	\$0.0 \$36.
	Pressure Gauge 1/4" od Tubing - 20M	КОР		ea	\$0.00 \$0.00	\$0.0 \$36.
osystem 6:	Pressure Gauge 1/4" od Tubing - 20M Electrical	KOP Andy Mark		ea ea	\$0.00 \$0.00 \$18.00 Subtotals:	\$0. \$36. \$66.
osystem 6:	Pressure Gauge 1/4" od Tubing - 20M Electrical NI roboRIO	KOP Andy Mark KOP		ea ea ea	\$0.00 \$0.00 \$18.00 Subtotals: \$0.00	\$0.0 \$36 \$66 \$0.0
bsystem 6:	Pressure Gauge 1/4" od Tubing - 20M Electrical NI roboRIO Voltage Regulator Module (VRM)	KOP Andy Mark KOP KOP		ea ea ea	\$0.00 \$0.00 \$18.00 Subtotals: \$0.00 \$0.00	\$0.0 \$36. \$66. \$0.0 \$0.0
bsystem 6:	Pressure Gauge 1/4" od Tubing - 20M Electrical NI roboRIO Voltage Regulator Module (VRM) Pneumatic Control Module (PCM)	KOP Andy Mark KOP KOP KOP		ea ea ea	\$0.00 \$0.00 \$18.00 Subtotals: \$0.00 \$0.00	\$0.0 \$36. \$66. \$0.0 \$0.0
bsystem 6:	Pressure Gauge 1/4" od Tubing - 20M Electrical NI roboRIO Voltage Regulator Module (VRM)	KOP Andy Mark KOP KOP		ea ea ea	\$0.00 \$0.00 \$18.00 Subtotals: \$0.00 \$0.00	\$0.0 \$36. \$66. \$0.0 \$0.0
bsystem 6:	Pressure Gauge 1/4" od Tubing - 20M Electrical NI roboRIO Voltage Regulator Module (VRM) Pneumatic Control Module (PCM)	KOP Andy Mark KOP KOP KOP		ea ea ea ea ea	\$0.00 \$0.00 \$18.00 Subtotals: \$0.00 \$0.00	\$0.6 \$36. \$66. \$0.6 \$0.6
bsystem 6:	Pressure Gauge 1/4" od Tubing - 20M Electrical NI roboRIO Voltage Regulator Module (VRM) Pneumatic Control Module (PCM) Power Distribution Panel (PDP)	KOP Andy Mark KOP KOP KOP KOP KOP	1 1 1 1	ea ea ea ea ea ea	\$0.00 \$0.00 \$18.00 Subtotals: \$0.00 \$0.00 \$0.00 \$0.00	\$0.0 \$36. \$66. \$0.0 \$0.0 \$0.0 \$0.0 \$0.0
bsystem 6:	Pressure Gauge 1/4" od Tubing - 20M Electrical NI roboRIO Voltage Regulator Module (VRM) Pneumatic Control Module (PCM) Power Distribution Panel (PDP) Main Circuit Breaker Ethernet Cable	KOP Andy Mark KOP KOP KOP KOP KOP KOP KOP KOP	1 1 1 1 1	ea ea ea ea ea ea ea	\$0.00 \$0.00 \$18.00 Subtotals: \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.0 \$36.0 \$66.0 \$0.0 \$0.0 \$0.0 \$0.0 \$0.0 \$0.0
osystem 6:	Pressure Gauge 1/4" od Tubing - 20M Electrical NI roboRIO Voltage Regulator Module (VRM) Pneumatic Control Module (PCM) Power Distribution Panel (PDP) Main Circuit Breaker Ethernet Cable Battery	KOP Andy Mark KOP KOP KOP KOP KOP KOP KOP KOP KOP	1 1 1 1 1 1 1	ea ea ea ea ea ea ea ea	\$0.00 \$0.00 \$18.00 Subtotals: \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.0 \$36. \$66. \$0.0 \$0.0 \$0.0 \$0.0 \$0.0 \$0.0 \$0
osystem 6:	Pressure Gauge 1/4" od Tubing - 20M Electrical NI roboRIO Voltage Regulator Module (VRM) Pneumatic Control Module (PCM) Power Distribution Panel (PDP) Main Circuit Breaker Ethernet Cable Battery Battery Battery Connector	KOP Andy Mark KOP KOP KOP KOP KOP KOP KOP KOP KOP	1 1 1 1 1	ea	\$0.00 \$1.00 \$18.00 Subtotals: \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.0 \$36. \$66. \$0.0 \$0.0 \$0.0 \$0.0 \$0.0 \$0.0 \$0
bsystem 6:	Pressure Gauge 1/4" od Tubing - 20M Electrical NI roboRIO Voltage Regulator Module (VRM) Pneumatic Control Module (PCM) Power Distribution Panel (PDP) Main Circuit Breaker Ethernet Cable Battery Battery Connector Xtreme N Duo Wireless Bridge/ Access Point	KOP Andy Mark KOP KOP KOP KOP KOP KOP KOP KOP KOP KO	1 1 1 1 1 1 1	ea e	\$0.00 \$0.00 \$18.00 Subtotals: \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.0 \$36. \$66. \$0.0 \$0.0 \$0.0 \$0.0 \$0.0 \$0.0 \$0
osystem 6:	Pressure Gauge 1/4" od Tubing - 20M Electrical NI roboRIO Voltage Regulator Module (VRM) Pneumatic Control Module (PCM) Power Distribution Panel (PDP) Main Circuit Breaker Ethernet Cable Battery Battery Connector Xtreme N Duo Wireless Bridge/ Access Point DC/DC Power Converter 12/24V to 5V	KOP Andy Mark KOP KOP KOP KOP KOP KOP KOP KOP KOP KO	1 1 1 1 1 1 1 1 2 1	ea e	\$0.00 \$0.00 \$18.00 Subtotals: \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0. \$36 \$66 \$0. \$0. \$0. \$0. \$0. \$0. \$0. \$0. \$0.
osystem 6:	Pressure Gauge 1/4" od Tubing - 20M Electrical NI roboRIO Voltage Regulator Module (VRM) Pneumatic Control Module (PCM) Power Distribution Panel (PDP) Main Circuit Breaker Ethernet Cable Battery Battery Connector Xtreme N Duo Wireless Bridge/ Access Point DC/DC Power Converter 12/24V to 5V 40A Snap Action Breakers	KOP Andy Mark KOP KOP KOP KOP KOP KOP KOP KOP KOP KO	1 1 1 1 1 1 1	ea e	\$0.00 \$0.00 \$18.00 Subtotals: \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.0 \$36.0 \$0.0 \$0.0 \$0.0 \$0.0 \$0.0 \$0.0 \$0.0 \$
osystem 6:	Pressure Gauge 1/4" od Tubing - 20M Electrical NI roboRIO Voltage Regulator Module (VRM) Pneumatic Control Module (PCM) Power Distribution Panel (PDP) Main Circuit Breaker Ethernet Cable Battery Battery Connector Xtreme N Duo Wireless Bridge/ Access Point DC/DC Power Converter 12/24V to 5V 40A Snap Action Breakers 30A Snap Action Breakers	KOP Andy Mark KOP KOP KOP KOP KOP KOP KOP KOP KOP KO	1 1 1 1 1 1 1 2 1 1 1 1 2 1 1	ea e	\$0.00 \$1.00 \$18.00 Subtotals: \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.0 \$36.0 \$0.0 \$0.0 \$0.0 \$0.0 \$0.0 \$0.0 \$0.0 \$
osystem 6:	Pressure Gauge 1/4" od Tubing - 20M Electrical NI roboRIO Voltage Regulator Module (VRM) Pneumatic Control Module (PCM) Power Distribution Panel (PDP) Main Circuit Breaker Ethernet Cable Battery Battery Battery Connector Xtreme N Duo Wireless Bridge/ Access Point DC/DC Power Converter 12/24V to 5V 40A Snap Action Breakers 30A Snap Action Breakers Energy Chain Product	KOP Andy Mark KOP KOP KOP KOP KOP KOP KOP KOP KOP KO	1 1 1 1 1 1 1 2 1 1 1 1 3	ea e	\$0.00 \$0.00 \$18.00 Subtotals: \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.0 \$36. \$66. \$0.0 \$0.0 \$0.0 \$0.0 \$0.0 \$0.0 \$0
osystem 6:	Pressure Gauge 1/4" od Tubing - 20M Electrical NI roboRIO Voltage Regulator Module (VRM) Pneumatic Control Module (PCM) Power Distribution Panel (PDP) Main Circuit Breaker Ethernet Cable Battery Battery Connector Xtreme N Duo Wireless Bridge/ Access Point DC/DC Power Converter 12/24V to 5V 40A Snap Action Breakers 30A Snap Action Breakers Energy Chain Product CAN Wire	KOP Andy Mark KOP KOP KOP KOP KOP KOP KOP KOP KOP KO	1 1 1 1 1 1 1 2 1 1 1 1 2 1 1	ea e	\$0.00 \$0.00 \$18.00 Subtotals: \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.0 \$36.0 \$0.0 \$0.1 \$0.1 \$0.0 \$0.0 \$0.0 \$0.0 \$0
osystem 6:	Pressure Gauge 1/4" od Tubing - 20M Electrical NI roboRIO Voltage Regulator Module (VRM) Pneumatic Control Module (PCM) Power Distribution Panel (PDP) Main Circuit Breaker Ethernet Cable Battery Battery Connector Xtreme N Duo Wireless Bridge/ Access Point DC/DC Power Converter 12/24V to 5V 40A Snap Action Breakers 30A Snap Action Breakers Energy Chain Product CAN Wire Fuel Line For Encoders	KOP Andy Mark KOP KOP KOP KOP KOP KOP KOP KOP KOP KO	1 1 1 1 1 1 1 2 1 1 1 1 3	ea e	\$0.00 \$0.00 \$18.00 Subtotals: \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.0 \$36. \$0.0 \$0.0 \$0.0 \$0.0 \$0.0 \$0.0 \$0.0 \$0
osystem 6:	Pressure Gauge 1/4" od Tubing - 20M Electrical NI roboRIO Voltage Regulator Module (VRM) Pneumatic Control Module (PCM) Power Distribution Panel (PDP) Main Circuit Breaker Ethernet Cable Battery Battery Connector Xtreme N Duo Wireless Bridge/ Access Point DC/DC Power Converter 12/24V to 5V 40A Snap Action Breakers 30A Snap Action Breakers Energy Chain Product CAN Wire	KOP Andy Mark KOP KOP KOP KOP KOP KOP KOP KOP KOP KO	1 1 1 1 1 1 1 2 1 1 1 1 3	ea e	\$0.00 \$0.00 \$18.00 Subtotals: \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.0 \$36. \$66. \$0.0 \$0.0 \$0.0
osystem 6:	Pressure Gauge 1/4" od Tubing - 20M Electrical NI roboRIO Voltage Regulator Module (VRM) Pneumatic Control Module (PCM) Power Distribution Panel (PDP) Main Circuit Breaker Ethernet Cable Battery Battery Connector Xtreme N Duo Wireless Bridge/ Access Point DC/DC Power Converter 12/24V to 5V 40A Snap Action Breakers 30A Snap Action Breakers Energy Chain Product CAN Wire Fuel Line For Encoders	KOP Andy Mark KOP KOP KOP KOP KOP KOP KOP KOP KOP KO	1 1 1 1 1 1 1 2 1 1 1 1 3	ea e	\$0.00 \$0.00 \$18.00 Subtotals: \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.0 \$36. \$0.0 \$0.0 \$0.0 \$0.0 \$0.0 \$0.0 \$0.0 \$0
osystem 6:	Pressure Gauge 1/4" od Tubing - 20M Electrical NI roboRIO Voltage Regulator Module (VRM) Pneumatic Control Module (PCM) Power Distribution Panel (PDP) Main Circuit Breaker Ethernet Cable Battery Battery Connector Xtreme N Duo Wireless Bridge/ Access Point DC/DC Power Converter 12/24V to 5V 40A Snap Action Breakers 30A Snap Action Breakers Energy Chain Product CAN Wire Fuel Line For Encoders Banner Engineering T18 S2 (Bus Network)	KOP Andy Mark KOP KOP KOP KOP KOP KOP KOP KOP KOP KO	1 1 1 1 1 1 1 2 1 1 8 1 3 4 1	ea e	\$0.00 \$18.00 \$118.00 Subtotals: \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.\\ \$36 \$66 \$0.\\ \$0.\\ \$0.\\ \$0.\\ \$0.\\ \$0.\\ \$0.\\ \$0.\\ \$0.\\ \$1.\\ \$91 \$91 \$330
osystem 6:	Pressure Gauge 1/4" od Tubing - 20M Electrical NI roboRIO Voltage Regulator Module (VRM) Pneumatic Control Module (PCM) Power Distribution Panel (PDP) Main Circuit Breaker Ethernet Cable Battery Battery Connector Xtreme N Duo Wireless Bridge/ Access Point DC/DC Power Converter 12/24V to 5V 40A Snap Action Breakers 30A Snap Action Breakers Energy Chain Product CAN Wire Fuel Line For Encoders Banner Engineering T18 S2 (Bus Network) REV Robotics More Board Gyro Sensor	KOP Andy Mark KOP KOP KOP KOP KOP KOP KOP KOP KOP KO	1 1 1 1 1 1 2 1 1 8 8 1 3 4 1 1 1	ea e	\$0.00 \$0.00 \$18.00 \$18.00 Subtotals: \$0.00	\$0.0 \$36.0 \$0.0 \$0.1 \$0.1 \$0.1 \$0.1 \$0.1 \$0.1 \$0
osystem 6:	Pressure Gauge 1/4" od Tubing - 20M Electrical NI roboRIO Voltage Regulator Module (VRM) Pneumatic Control Module (PCM) Power Distribution Panel (PDP) Main Circuit Breaker Ethernet Cable Battery Battery Connector Xtreme N Duo Wireless Bridge/ Access Point DC/DC Power Converter 12/24V to 5V 40A Snap Action Breakers 30A Snap Action Breakers Energy Chain Product CAN Wire Fuel Line For Encoders Banner Engineering T18 S2 (Bus Network) REV Robotics More Board Gyro Sensor Limit Switch	KOP Andy Mark KOP KOP KOP KOP KOP KOP KOP KOP KOP KO	1 1 1 1 1 1 1 2 1 1 1 3 4 1 1 1	ea e	\$0.00 \$0.00 \$18.00 \$18.00 Subtotals: \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$1.00 \$0.00 \$0.00 \$0.00 \$1.00 \$0.00 \$0.00 \$1.50 \$1.50 \$1.50 \$1.50 \$1.50 \$1.50 \$1.50 \$1.50 \$1.50 \$1.50	\$0.0 \$36.0 \$0.0 \$0.0 \$0.0 \$0.0 \$0.0 \$0.0 \$0.0 \$
osystem 6:	Pressure Gauge 1/4" od Tubing - 20M Electrical NI roboRIO Voltage Regulator Module (VRM) Pneumatic Control Module (PCM) Power Distribution Panel (PDP) Main Circuit Breaker Ethernet Cable Battery Battery Connector Xtreme N Duo Wireless Bridge/ Access Point DC/DC Power Converter 12/24V to 5V 40A Snap Action Breakers 30A Snap Action Breakers Energy Chain Product CAN Wire Fuel Line For Encoders Banner Engineering T18 S2 (Bus Network) REV Robotics More Board Gyro Sensor	KOP Andy Mark KOP KOP KOP KOP KOP KOP KOP KOP KOP KO	1 1 1 1 1 1 2 1 1 8 8 1 3 4 1 1 1	ea e	\$0.00 \$0.00 \$18.00 \$18.00 Subtotals: \$0.00	\$0.\\ \$36.\\ \$66.\\ \$0.\\ \$0.\\ \$0.\\ \$0.\\ \$0.\\ \$0.\\ \$0.\\ \$0.\\ \$0.\\ \$0.\\ \$0.\\ \$0.\\ \$0.\\ \$0.\\ \$0.\\ \$0.\\ \$0.\\ \$0.\\ \$0.\\ \$1.\\ \$91.\\ \$29\\ \$18
bsystem 6:	Pressure Gauge 1/4" od Tubing - 20M Electrical NI roboRIO Voltage Regulator Module (VRM) Pneumatic Control Module (PCM) Power Distribution Panel (PDP) Main Circuit Breaker Ethernet Cable Battery Battery Connector Xtreme N Duo Wireless Bridge/ Access Point DC/DC Power Converter 12/24V to 5V 40A Snap Action Breakers 30A Snap Action Breakers Energy Chain Product CAN Wire Fuel Line For Encoders Banner Engineering T18 S2 (Bus Network) REV Robotics More Board Gyro Sensor Limit Switch	KOP Andy Mark KOP KOP KOP KOP KOP KOP KOP KOP KOP KO	1 1 1 1 1 1 2 1 1 8 8 1 3 4 1 1 1	ea e	\$0.00 \$0.00 \$18.00 \$18.00 Subtotals: \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$1.00 \$0.00 \$0.00 \$0.00 \$1.00 \$0.00 \$0.00 \$1.50 \$1.50 \$1.50 \$1.50 \$1.50 \$1.50 \$1.50 \$1.50 \$1.50 \$1.50	\$0.0 \$36. \$0.0 \$0.0 \$0.0 \$0.0 \$0.0 \$0.0 \$0.0 \$0
bsystem 6:	Pressure Gauge 1/4" od Tubing - 20M Electrical NI roboRIO Voltage Regulator Module (VRM) Pneumatic Control Module (PCM) Power Distribution Panel (PDP) Main Circuit Breaker Ethernet Cable Battery Battery Connector Xtreme N Duo Wireless Bridge/ Access Point DC/DC Power Converter 12/24V to 5V 40A Snap Action Breakers 30A Snap Action Breakers Energy Chain Product CAN Wire Fuel Line For Encoders Banner Engineering T18 S2 (Bus Network) REV Robotics More Board Gyro Sensor Limit Switch	KOP Andy Mark KOP KOP KOP KOP KOP KOP KOP KOP KOP KO	1 1 1 1 1 1 2 1 1 8 8 1 3 4 1 1 1	ea e	\$0.00 \$0.00 \$18.00 \$18.00 Subtotals: \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$1.00 \$0.00 \$0.00 \$0.00 \$1.00 \$0.00 \$0.00 \$1.50 \$1.50 \$1.50 \$1.50 \$1.50 \$1.50 \$1.50 \$1.50 \$1.50 \$1.50	\$0.0 \$36.0 \$0.0 \$0.0 \$0.0 \$0.0 \$0.0 \$0.0 \$0.0 \$
osystem 6:	Pressure Gauge 1/4" od Tubing - 20M Electrical NI roboRIO Voltage Regulator Module (VRM) Pneumatic Control Module (PCM) Power Distribution Panel (PDP) Main Circuit Breaker Ethernet Cable Battery Battery Connector Xtreme N Duo Wireless Bridge/ Access Point DC/DC Power Converter 12/24V to 5V 40A Snap Action Breakers 30A Snap Action Breakers Energy Chain Product CAN Wire Fuel Line For Encoders Banner Engineering T18 S2 (Bus Network) REV Robotics More Board Gyro Sensor Limit Switch	KOP Andy Mark KOP KOP KOP KOP KOP KOP KOP KOP KOP KO	1 1 1 1 1 1 2 1 1 8 8 1 3 4 1 1 1	ea e	\$0.00 \$0.00 \$18.00 \$18.00 Subtotals: \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$1.00 \$0.00 \$0.00 \$0.00 \$1.00 \$0.00 \$0.00 \$1.50 \$1.50 \$1.50 \$1.50 \$1.50 \$1.50 \$1.50 \$1.50 \$1.50 \$1.50	\$0. \$36 \$66 \$0. \$0. \$0. \$0. \$0. \$0. \$0. \$0. \$0. \$0.



	Versablock Kit	Vexpro	2	ea	\$24.99	\$49.9
	Aluminum Tubing - 1"x2"x1/8"	McMaster-Carr	3	feet	\$3.40	\$10.2
	Bearing - 1/2" Hex	Vexpro	4	ea	\$4.99	\$19.9
	4" Colson Wheel	Vexpro	2	ea	\$9.99	\$19.9
	Aluminum Shaft - 1/2" Hex	Vexpro	1	feet	\$4.00	\$4.00
	Shaft Collar - 1/2" Hex HD	Vexpro	4	ea	\$4.99	\$19.9
	Shaft Collar - 3/8" Round	Vexpro	4	ea	\$1.99	\$7.96
	Bushing - 3/8"	McMaster-Carr	8	ea	\$0.73	\$5.84
	Steel Shaft - 3/8" Round	McMaster-Carr	1	feet	\$3.00	\$3.00
	BAG Motor	KOP	2	ea	\$0.00	\$0.00
	Versaplanetary Gearbox Kit	Vexpro	2	ea	\$39.99	\$79.9
	Ring gear Kit - 4:1	Vexpro	2	ea	\$24.99	\$49.9
	Ring gear Kit - 10:1	Vexpro	2	ea	\$24.99	\$49.9
	200 Tooth Belt	Vexpro	2		\$12.49	
				<u>ea</u>		\$24.9
	Versapulley - 18T	Vexpro	4	ea	\$9.99	\$39.9
	Pneumatic Cylinder	McMaster-Carr	1	ea	\$40.01	\$40.0
	Talon Motor Control	AndyMark 2014	2	ea	\$59.00	\$118.
	FESTO Double Solenoid	FIRST CHOICE	11	ea	\$0.00	\$0.0
						\$0.0
					Subtotals:	\$543.
bsystem 4:	Container Grabber		_			
	Tape measure - 16'	Home Depot	1	ea	\$18.00	\$18.
	4" Tetrix Wheel	KOP	1	ea	\$0.00	\$0.0
	Tetrix Framing Material	KOP	1	ea	\$0.00	\$0.0
	Versaplanetary Gearbox Kit	Vexpro	1	ea	\$34.99	\$34.
	Ring gear Kit - 3:1	Vexpro	1	ea	\$24.99	\$24.
	Ring gear Kit - 10:1	Vexpro	1	ea	\$24.99	\$24.
	BAG Motor	KOP	1	ea	\$0.00	\$0.0
	S4 Shaft Encoder, 120 CPR, 1/4" Dia Shaft, Single-Ended, Ball Bearing	U.S Digital	1	ea	\$60.13	\$60.
	Cable Assembly, Shielded cable, MIC4 Connector to No Connector, 4 ft length	U.S Digital	1	ea	\$9.80	\$9.8
	Talon Motor Control	AndyMark 2014			\$59.00	\$59.
	Taion Motor Control	AlluyMark 2014		ea	\$39.00	\$0.0
	·				Subtotals:	\$231
ubevetom Ei	Pneumatics				Subtotais.	\$2J1.
ubsystem 5:	VIAIR 90C Compressor	KOP	1	ea	\$0.00	\$0.0
	Clippard Air Storage Tanks	Clippard	2	ea	\$15.40	\$30.8
	Pressure Relief Valve	KOP		ea	\$0.00	\$0.0
	Pressure Switch	KOP	1	ea	\$0.00	\$0.0
	Pressure Regulator	KOP	1	ea	\$0.00	\$0.0
	Pressure Gauge	<u>кор</u> Кор	1	ea ea		\$0.0
			1 2		\$0.00	\$0.0 \$36.
	Pressure Gauge 1/4" od Tubing - 20M	КОР		ea	\$0.00 \$0.00	\$0.0 \$36.
osystem 6:	Pressure Gauge 1/4" od Tubing - 20M Electrical	KOP Andy Mark		ea ea	\$0.00 \$0.00 \$18.00 Subtotals:	\$0. \$36. \$66.
osystem 6:	Pressure Gauge 1/4" od Tubing - 20M Electrical NI roboRIO	KOP Andy Mark KOP		ea ea ea	\$0.00 \$0.00 \$18.00 Subtotals: \$0.00	\$0.0 \$36 \$66 \$0.0
bsystem 6:	Pressure Gauge 1/4" od Tubing - 20M Electrical NI roboRIO Voltage Regulator Module (VRM)	KOP Andy Mark KOP KOP		ea ea ea	\$0.00 \$0.00 \$18.00 Subtotals: \$0.00 \$0.00	\$0.0 \$36. \$66. \$0.0 \$0.0
bsystem 6:	Pressure Gauge 1/4" od Tubing - 20M Electrical NI roboRIO Voltage Regulator Module (VRM) Pneumatic Control Module (PCM)	KOP Andy Mark KOP KOP KOP		ea ea ea	\$0.00 \$0.00 \$18.00 Subtotals: \$0.00 \$0.00	\$0.0 \$36. \$66. \$0.0 \$0.0
bsystem 6:	Pressure Gauge 1/4" od Tubing - 20M Electrical NI roboRIO Voltage Regulator Module (VRM)	KOP Andy Mark KOP KOP		ea ea ea	\$0.00 \$0.00 \$18.00 Subtotals: \$0.00 \$0.00	\$0.0 \$36. \$66. \$0.0 \$0.0
bsystem 6:	Pressure Gauge 1/4" od Tubing - 20M Electrical NI roboRIO Voltage Regulator Module (VRM) Pneumatic Control Module (PCM)	KOP Andy Mark KOP KOP KOP		ea ea ea ea ea	\$0.00 \$0.00 \$18.00 Subtotals: \$0.00 \$0.00	\$0.6 \$36. \$66. \$0.6 \$0.6
bsystem 6:	Pressure Gauge 1/4" od Tubing - 20M Electrical NI roboRIO Voltage Regulator Module (VRM) Pneumatic Control Module (PCM) Power Distribution Panel (PDP)	KOP Andy Mark KOP KOP KOP KOP KOP	1 1 1 1	ea ea ea ea ea ea	\$0.00 \$0.00 \$18.00 Subtotals: \$0.00 \$0.00 \$0.00 \$0.00	\$0.0 \$36. \$66. \$0.0 \$0.0 \$0.0 \$0.0 \$0.0
bsystem 6:	Pressure Gauge 1/4" od Tubing - 20M Electrical NI roboRIO Voltage Regulator Module (VRM) Pneumatic Control Module (PCM) Power Distribution Panel (PDP) Main Circuit Breaker Ethernet Cable	KOP Andy Mark KOP KOP KOP KOP KOP KOP KOP KOP	1 1 1 1 1	ea ea ea ea ea ea ea	\$0.00 \$0.00 \$18.00 Subtotals: \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.0 \$36.0 \$66.0 \$0.0 \$0.0 \$0.0 \$0.0 \$0.0 \$0.0
osystem 6:	Pressure Gauge 1/4" od Tubing - 20M Electrical NI roboRIO Voltage Regulator Module (VRM) Pneumatic Control Module (PCM) Power Distribution Panel (PDP) Main Circuit Breaker Ethernet Cable Battery	KOP Andy Mark KOP KOP KOP KOP KOP KOP KOP KOP KOP	1 1 1 1 1 1 1	ea ea ea ea ea ea ea ea	\$0.00 \$0.00 \$18.00 Subtotals: \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.0 \$36. \$66. \$0.0 \$0.0 \$0.0 \$0.0 \$0.0 \$0.0 \$0
osystem 6:	Pressure Gauge 1/4" od Tubing - 20M Electrical NI roboRIO Voltage Regulator Module (VRM) Pneumatic Control Module (PCM) Power Distribution Panel (PDP) Main Circuit Breaker Ethernet Cable Battery Battery Battery Connector	KOP Andy Mark KOP KOP KOP KOP KOP KOP KOP KOP KOP	1 1 1 1 1	ea	\$0.00 \$1.00 \$18.00 Subtotals: \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.0 \$36. \$66. \$0.0 \$0.0 \$0.0 \$0.0 \$0.0 \$0.0 \$0
bsystem 6:	Pressure Gauge 1/4" od Tubing - 20M Electrical NI roboRIO Voltage Regulator Module (VRM) Pneumatic Control Module (PCM) Power Distribution Panel (PDP) Main Circuit Breaker Ethernet Cable Battery Battery Connector Xtreme N Duo Wireless Bridge/ Access Point	KOP Andy Mark KOP KOP KOP KOP KOP KOP KOP KOP KOP KO	1 1 1 1 1 1 1	ea e	\$0.00 \$0.00 \$18.00 Subtotals: \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.0 \$36. \$66. \$0.0 \$0.0 \$0.0 \$0.0 \$0.0 \$0.0 \$0
osystem 6:	Pressure Gauge 1/4" od Tubing - 20M Electrical NI roboRIO Voltage Regulator Module (VRM) Pneumatic Control Module (PCM) Power Distribution Panel (PDP) Main Circuit Breaker Ethernet Cable Battery Battery Connector Xtreme N Duo Wireless Bridge/ Access Point DC/DC Power Converter 12/24V to 5V	KOP Andy Mark KOP KOP KOP KOP KOP KOP KOP KOP KOP KO	1 1 1 1 1 1 1 1 2 1	ea e	\$0.00 \$0.00 \$18.00 Subtotals: \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0. \$36 \$66 \$0. \$0. \$0. \$0. \$0. \$0. \$0. \$0. \$0.
osystem 6:	Pressure Gauge 1/4" od Tubing - 20M Electrical NI roboRIO Voltage Regulator Module (VRM) Pneumatic Control Module (PCM) Power Distribution Panel (PDP) Main Circuit Breaker Ethernet Cable Battery Battery Connector Xtreme N Duo Wireless Bridge/ Access Point DC/DC Power Converter 12/24V to 5V 40A Snap Action Breakers	KOP Andy Mark KOP KOP KOP KOP KOP KOP KOP KOP KOP KO	1 1 1 1 1 1 1	ea e	\$0.00 \$0.00 \$18.00 Subtotals: \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.0 \$36.0 \$0.0 \$0.0 \$0.0 \$0.0 \$0.0 \$0.0 \$0.0 \$
osystem 6:	Pressure Gauge 1/4" od Tubing - 20M Electrical NI roboRIO Voltage Regulator Module (VRM) Pneumatic Control Module (PCM) Power Distribution Panel (PDP) Main Circuit Breaker Ethernet Cable Battery Battery Connector Xtreme N Duo Wireless Bridge/ Access Point DC/DC Power Converter 12/24V to 5V 40A Snap Action Breakers 30A Snap Action Breakers	KOP Andy Mark KOP KOP KOP KOP KOP KOP KOP KOP KOP KO	1 1 1 1 1 1 1 2 1 1 1 1 2 1 1	ea e	\$0.00 \$1.00 \$18.00 Subtotals: \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.0 \$36.0 \$0.0 \$0.0 \$0.0 \$0.0 \$0.0 \$0.0 \$0.0 \$
osystem 6:	Pressure Gauge 1/4" od Tubing - 20M Electrical NI roboRIO Voltage Regulator Module (VRM) Pneumatic Control Module (PCM) Power Distribution Panel (PDP) Main Circuit Breaker Ethernet Cable Battery Battery Battery Connector Xtreme N Duo Wireless Bridge/ Access Point DC/DC Power Converter 12/24V to 5V 40A Snap Action Breakers 30A Snap Action Breakers Energy Chain Product	KOP Andy Mark KOP KOP KOP KOP KOP KOP KOP KOP KOP KO	1 1 1 1 1 1 1 2 1 1 1 1 3	ea e	\$0.00 \$0.00 \$18.00 Subtotals: \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.0 \$36. \$66. \$0.0 \$0.0 \$0.0 \$0.0 \$0.0 \$0.0 \$0
osystem 6:	Pressure Gauge 1/4" od Tubing - 20M Electrical NI roboRIO Voltage Regulator Module (VRM) Pneumatic Control Module (PCM) Power Distribution Panel (PDP) Main Circuit Breaker Ethernet Cable Battery Battery Connector Xtreme N Duo Wireless Bridge/ Access Point DC/DC Power Converter 12/24V to 5V 40A Snap Action Breakers 30A Snap Action Breakers Energy Chain Product CAN Wire	KOP Andy Mark KOP KOP KOP KOP KOP KOP KOP KOP KOP KO	1 1 1 1 1 1 1 2 1 1 1 1 2 1 1	ea e	\$0.00 \$0.00 \$18.00 Subtotals: \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.0 \$36.0 \$0.0 \$0.1 \$0.1 \$0.0 \$0.0 \$0.0 \$0.0 \$0
osystem 6:	Pressure Gauge 1/4" od Tubing - 20M Electrical NI roboRIO Voltage Regulator Module (VRM) Pneumatic Control Module (PCM) Power Distribution Panel (PDP) Main Circuit Breaker Ethernet Cable Battery Battery Connector Xtreme N Duo Wireless Bridge/ Access Point DC/DC Power Converter 12/24V to 5V 40A Snap Action Breakers 30A Snap Action Breakers Energy Chain Product CAN Wire Fuel Line For Encoders	KOP Andy Mark KOP KOP KOP KOP KOP KOP KOP KOP KOP KO	1 1 1 1 1 1 1 2 1 1 1 1 3	ea e	\$0.00 \$0.00 \$18.00 Subtotals: \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.0 \$36. \$0.0 \$0.0 \$0.0 \$0.0 \$0.0 \$0.0 \$0.0 \$0
osystem 6:	Pressure Gauge 1/4" od Tubing - 20M Electrical NI roboRIO Voltage Regulator Module (VRM) Pneumatic Control Module (PCM) Power Distribution Panel (PDP) Main Circuit Breaker Ethernet Cable Battery Battery Connector Xtreme N Duo Wireless Bridge/ Access Point DC/DC Power Converter 12/24V to 5V 40A Snap Action Breakers 30A Snap Action Breakers Energy Chain Product CAN Wire	KOP Andy Mark KOP KOP KOP KOP KOP KOP KOP KOP KOP KO	1 1 1 1 1 1 1 2 1 1 1 1 3	ea e	\$0.00 \$0.00 \$18.00 Subtotals: \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.0 \$36. \$66. \$0.0 \$0.0 \$0.0
osystem 6:	Pressure Gauge 1/4" od Tubing - 20M Electrical NI roboRIO Voltage Regulator Module (VRM) Pneumatic Control Module (PCM) Power Distribution Panel (PDP) Main Circuit Breaker Ethernet Cable Battery Battery Connector Xtreme N Duo Wireless Bridge/ Access Point DC/DC Power Converter 12/24V to 5V 40A Snap Action Breakers 30A Snap Action Breakers Energy Chain Product CAN Wire Fuel Line For Encoders	KOP Andy Mark KOP KOP KOP KOP KOP KOP KOP KOP KOP KO	1 1 1 1 1 1 1 2 1 1 1 1 3	ea e	\$0.00 \$0.00 \$18.00 Subtotals: \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.0 \$36. \$0.0 \$0.0 \$0.0 \$0.0 \$0.0 \$0.0 \$0.0 \$0
osystem 6:	Pressure Gauge 1/4" od Tubing - 20M Electrical NI roboRIO Voltage Regulator Module (VRM) Pneumatic Control Module (PCM) Power Distribution Panel (PDP) Main Circuit Breaker Ethernet Cable Battery Battery Connector Xtreme N Duo Wireless Bridge/ Access Point DC/DC Power Converter 12/24V to 5V 40A Snap Action Breakers 30A Snap Action Breakers Energy Chain Product CAN Wire Fuel Line For Encoders Banner Engineering T18 S2 (Bus Network)	KOP Andy Mark KOP KOP KOP KOP KOP KOP KOP KOP KOP KO	1 1 1 1 1 1 1 2 1 1 8 1 3 4 1	ea e	\$0.00 \$18.00 \$118.00 Subtotals: \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.\\ \$36 \$66 \$0.\\ \$0.\\ \$0.\\ \$0.\\ \$0.\\ \$0.\\ \$0.\\ \$0.\\ \$0.\\ \$1.\\ \$91 \$91 \$330
osystem 6:	Pressure Gauge 1/4" od Tubing - 20M Electrical NI roboRIO Voltage Regulator Module (VRM) Pneumatic Control Module (PCM) Power Distribution Panel (PDP) Main Circuit Breaker Ethernet Cable Battery Battery Connector Xtreme N Duo Wireless Bridge/ Access Point DC/DC Power Converter 12/24V to 5V 40A Snap Action Breakers 30A Snap Action Breakers Energy Chain Product CAN Wire Fuel Line For Encoders Banner Engineering T18 S2 (Bus Network) REV Robotics More Board Gyro Sensor	KOP Andy Mark KOP KOP KOP KOP KOP KOP KOP KOP KOP KO	1 1 1 1 1 1 2 1 1 8 8 1 3 4 1 1 1	ea e	\$0.00 \$0.00 \$18.00 \$18.00 Subtotals: \$0.00	\$0.0 \$36.0 \$0.0 \$0.1 \$0.1 \$0.1 \$0.1 \$0.1 \$0.1 \$0
osystem 6:	Pressure Gauge 1/4" od Tubing - 20M Electrical NI roboRIO Voltage Regulator Module (VRM) Pneumatic Control Module (PCM) Power Distribution Panel (PDP) Main Circuit Breaker Ethernet Cable Battery Battery Connector Xtreme N Duo Wireless Bridge/ Access Point DC/DC Power Converter 12/24V to 5V 40A Snap Action Breakers 30A Snap Action Breakers Energy Chain Product CAN Wire Fuel Line For Encoders Banner Engineering T18 S2 (Bus Network) REV Robotics More Board Gyro Sensor Limit Switch	KOP Andy Mark KOP KOP KOP KOP KOP KOP KOP KOP KOP KO	1 1 1 1 1 1 1 2 1 1 1 3 4 1 1 1	ea e	\$0.00 \$0.00 \$18.00 \$18.00 Subtotals: \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$1.00 \$0.00 \$0.00 \$0.00 \$1.00 \$0.00 \$0.00 \$1.50 \$1.50 \$1.50 \$1.50 \$1.50 \$1.50 \$1.50 \$1.50 \$1.50 \$1.50	\$0.0 \$36.0 \$0.0 \$0.0 \$0.0 \$0.0 \$0.0 \$0.0 \$0.0 \$
osystem 6:	Pressure Gauge 1/4" od Tubing - 20M Electrical NI roboRIO Voltage Regulator Module (VRM) Pneumatic Control Module (PCM) Power Distribution Panel (PDP) Main Circuit Breaker Ethernet Cable Battery Battery Connector Xtreme N Duo Wireless Bridge/ Access Point DC/DC Power Converter 12/24V to 5V 40A Snap Action Breakers 30A Snap Action Breakers Energy Chain Product CAN Wire Fuel Line For Encoders Banner Engineering T18 S2 (Bus Network) REV Robotics More Board Gyro Sensor	KOP Andy Mark KOP KOP KOP KOP KOP KOP KOP KOP KOP KO	1 1 1 1 1 1 2 1 1 8 8 1 3 4 1 1 1	ea e	\$0.00 \$0.00 \$18.00 \$18.00 Subtotals: \$0.00	\$0.\\ \$36.\\ \$66.\\ \$0.\\ \$0.\\ \$0.\\ \$0.\\ \$0.\\ \$0.\\ \$0.\\ \$0.\\ \$0.\\ \$0.\\ \$0.\\ \$0.\\ \$0.\\ \$0.\\ \$0.\\ \$0.\\ \$0.\\ \$0.\\ \$0.\\ \$1.\\ \$91.\\ \$29\\ \$18
bsystem 6:	Pressure Gauge 1/4" od Tubing - 20M Electrical NI roboRIO Voltage Regulator Module (VRM) Pneumatic Control Module (PCM) Power Distribution Panel (PDP) Main Circuit Breaker Ethernet Cable Battery Battery Connector Xtreme N Duo Wireless Bridge/ Access Point DC/DC Power Converter 12/24V to 5V 40A Snap Action Breakers 30A Snap Action Breakers Energy Chain Product CAN Wire Fuel Line For Encoders Banner Engineering T18 S2 (Bus Network) REV Robotics More Board Gyro Sensor Limit Switch	KOP Andy Mark KOP KOP KOP KOP KOP KOP KOP KOP KOP KO	1 1 1 1 1 1 2 1 1 8 8 1 3 4 1 1 1	ea e	\$0.00 \$0.00 \$18.00 \$18.00 Subtotals: \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$1.00 \$0.00 \$0.00 \$0.00 \$1.00 \$0.00 \$0.00 \$1.50 \$1.50 \$1.50 \$1.50 \$1.50 \$1.50 \$1.50 \$1.50 \$1.50 \$1.50	\$0.0 \$36. \$0.0 \$0.0 \$0.0 \$0.0 \$0.0 \$0.0 \$0.0 \$0
bsystem 6:	Pressure Gauge 1/4" od Tubing - 20M Electrical NI roboRIO Voltage Regulator Module (VRM) Pneumatic Control Module (PCM) Power Distribution Panel (PDP) Main Circuit Breaker Ethernet Cable Battery Battery Connector Xtreme N Duo Wireless Bridge/ Access Point DC/DC Power Converter 12/24V to 5V 40A Snap Action Breakers 30A Snap Action Breakers Energy Chain Product CAN Wire Fuel Line For Encoders Banner Engineering T18 S2 (Bus Network) REV Robotics More Board Gyro Sensor Limit Switch	KOP Andy Mark KOP KOP KOP KOP KOP KOP KOP KOP KOP KO	1 1 1 1 1 1 2 1 1 8 8 1 3 4 1 1 1	ea e	\$0.00 \$0.00 \$18.00 \$18.00 Subtotals: \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$1.00 \$0.00 \$0.00 \$0.00 \$1.00 \$0.00 \$0.00 \$1.50 \$1.50 \$1.50 \$1.50 \$1.50 \$1.50 \$1.50 \$1.50 \$1.50 \$1.50	\$0.0 \$36.0 \$0.0 \$0.0 \$0.0 \$0.0 \$0.0 \$0.0 \$0.0 \$
osystem 6:	Pressure Gauge 1/4" od Tubing - 20M Electrical NI roboRIO Voltage Regulator Module (VRM) Pneumatic Control Module (PCM) Power Distribution Panel (PDP) Main Circuit Breaker Ethernet Cable Battery Battery Connector Xtreme N Duo Wireless Bridge/ Access Point DC/DC Power Converter 12/24V to 5V 40A Snap Action Breakers 30A Snap Action Breakers Energy Chain Product CAN Wire Fuel Line For Encoders Banner Engineering T18 S2 (Bus Network) REV Robotics More Board Gyro Sensor Limit Switch	KOP Andy Mark KOP KOP KOP KOP KOP KOP KOP KOP KOP KO	1 1 1 1 1 1 2 1 1 8 8 1 3 4 1 1 1	ea e	\$0.00 \$0.00 \$18.00 \$18.00 Subtotals: \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$1.00 \$0.00 \$0.00 \$0.00 \$1.00 \$0.00 \$0.00 \$1.50 \$1.50 \$1.50 \$1.50 \$1.50 \$1.50 \$1.50 \$1.50 \$1.50 \$1.50	\$0. \$36 \$66 \$0. \$0. \$0. \$0. \$0. \$0. \$0. \$0. \$0. \$0.



	Versablock Kit	Vexpro	2	ea	\$24.99	\$49.9
	Aluminum Tubing - 1"x2"x1/8"	McMaster-Carr	3	feet	\$3.40	\$10.2
	Bearing - 1/2" Hex	Vexpro	4	ea	\$4.99	\$19.9
	4" Colson Wheel	Vexpro	2	ea	\$9.99	\$19.9
	Aluminum Shaft - 1/2" Hex	Vexpro	1	feet	\$4.00	\$4.00
	Shaft Collar - 1/2" Hex HD	Vexpro	4	ea	\$4.99	\$19.9
	Shaft Collar - 3/8" Round	Vexpro	4	ea	\$1.99	\$7.96
	Bushing - 3/8"	McMaster-Carr	8	ea	\$0.73	\$5.84
	Steel Shaft - 3/8" Round	McMaster-Carr	1	feet	\$3.00	\$3.00
	BAG Motor	KOP	2	ea	\$0.00	\$0.00
	Versaplanetary Gearbox Kit	Vexpro	2	ea	\$39.99	\$79.9
	Ring gear Kit - 4:1	Vexpro	2	ea	\$24.99	\$49.9
	Ring gear Kit - 10:1	Vexpro	2	ea	\$24.99	\$49.9
	200 Tooth Belt	Vexpro	2		\$12.49	
				<u>ea</u>		\$24.9
	Versapulley - 18T	Vexpro	4	ea	\$9.99	\$39.9
	Pneumatic Cylinder	McMaster-Carr	1	ea	\$40.01	\$40.0
	Talon Motor Control	AndyMark 2014	2	ea	\$59.00	\$118.
	FESTO Double Solenoid	FIRST CHOICE	11	ea	\$0.00	\$0.0
						\$0.0
					Subtotals:	\$543.
bsystem 4:	Container Grabber		_			
	Tape measure - 16'	Home Depot	1	ea	\$18.00	\$18.
	4" Tetrix Wheel	KOP	1	ea	\$0.00	\$0.0
	Tetrix Framing Material	KOP	1	ea	\$0.00	\$0.0
	Versaplanetary Gearbox Kit	Vexpro	1	ea	\$34.99	\$34.
	Ring gear Kit - 3:1	Vexpro	1	ea	\$24.99	\$24.
	Ring gear Kit - 10:1	Vexpro	1	ea	\$24.99	\$24.
	BAG Motor	KOP	1	ea	\$0.00	\$0.0
	S4 Shaft Encoder, 120 CPR, 1/4" Dia Shaft, Single-Ended, Ball Bearing	U.S Digital	1	ea	\$60.13	\$60.
	Cable Assembly, Shielded cable, MIC4 Connector to No Connector, 4 ft length	U.S Digital	1	ea	\$9.80	\$9.8
	Talon Motor Control	AndyMark 2014			\$59.00	\$59.
	Taion Motor Control	AlluyMark 2014		ea	\$39.00	\$0.0
	·				Subtotals:	\$231
ubevetom Ei	Pneumatics				Subtotais.	\$2J1.
ubsystem 5:	VIAIR 90C Compressor	KOP	1	ea	\$0.00	\$0.0
	Clippard Air Storage Tanks	Clippard	2	ea	\$15.40	\$30.8
	Pressure Relief Valve	KOP		ea	\$0.00	\$0.0
	Pressure Switch	KOP	1	ea	\$0.00	\$0.0
	Pressure Regulator	KOP	1	ea	\$0.00	\$0.0
	Pressure Gauge	<u>кор</u> Кор	1	ea ea		\$0.0
			1 2		\$0.00	\$0.0 \$36.
	Pressure Gauge 1/4" od Tubing - 20M	КОР		ea	\$0.00 \$0.00	\$0.0 \$36.
osystem 6:	Pressure Gauge 1/4" od Tubing - 20M Electrical	KOP Andy Mark		ea ea	\$0.00 \$0.00 \$18.00 Subtotals:	\$0. \$36. \$66.
osystem 6:	Pressure Gauge 1/4" od Tubing - 20M Electrical NI roboRIO	KOP Andy Mark KOP		ea ea ea	\$0.00 \$0.00 \$18.00 Subtotals: \$0.00	\$0.0 \$36 \$66 \$0.0
bsystem 6:	Pressure Gauge 1/4" od Tubing - 20M Electrical NI roboRIO Voltage Regulator Module (VRM)	KOP Andy Mark KOP KOP		ea ea ea	\$0.00 \$0.00 \$18.00 Subtotals: \$0.00 \$0.00	\$0.0 \$36. \$66. \$0.0 \$0.0
bsystem 6:	Pressure Gauge 1/4" od Tubing - 20M Electrical NI roboRIO Voltage Regulator Module (VRM) Pneumatic Control Module (PCM)	KOP Andy Mark KOP KOP KOP		ea ea ea	\$0.00 \$0.00 \$18.00 Subtotals: \$0.00 \$0.00	\$0.0 \$36. \$66. \$0.0 \$0.0
bsystem 6:	Pressure Gauge 1/4" od Tubing - 20M Electrical NI roboRIO Voltage Regulator Module (VRM)	KOP Andy Mark KOP KOP		ea ea ea	\$0.00 \$0.00 \$18.00 Subtotals: \$0.00 \$0.00	\$0.0 \$36. \$66. \$0.0 \$0.0
bsystem 6:	Pressure Gauge 1/4" od Tubing - 20M Electrical NI roboRIO Voltage Regulator Module (VRM) Pneumatic Control Module (PCM)	KOP Andy Mark KOP KOP KOP		ea ea ea ea ea	\$0.00 \$0.00 \$18.00 Subtotals: \$0.00 \$0.00	\$0.6 \$36. \$66. \$0.6 \$0.6
bsystem 6:	Pressure Gauge 1/4" od Tubing - 20M Electrical NI roboRIO Voltage Regulator Module (VRM) Pneumatic Control Module (PCM) Power Distribution Panel (PDP)	KOP Andy Mark KOP KOP KOP KOP KOP	1 1 1 1	ea ea ea ea ea ea	\$0.00 \$0.00 \$18.00 Subtotals: \$0.00 \$0.00 \$0.00 \$0.00	\$0.0 \$36. \$66. \$0.0 \$0.0 \$0.0 \$0.0 \$0.0
bsystem 6:	Pressure Gauge 1/4" od Tubing - 20M Electrical NI roboRIO Voltage Regulator Module (VRM) Pneumatic Control Module (PCM) Power Distribution Panel (PDP) Main Circuit Breaker Ethernet Cable	KOP Andy Mark KOP KOP KOP KOP KOP KOP KOP KOP	1 1 1 1 1	ea ea ea ea ea ea ea	\$0.00 \$0.00 \$18.00 Subtotals: \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.0 \$36.0 \$66.0 \$0.0 \$0.0 \$0.0 \$0.0 \$0.0 \$0.0
osystem 6:	Pressure Gauge 1/4" od Tubing - 20M Electrical NI roboRIO Voltage Regulator Module (VRM) Pneumatic Control Module (PCM) Power Distribution Panel (PDP) Main Circuit Breaker Ethernet Cable Battery	KOP Andy Mark KOP KOP KOP KOP KOP KOP KOP KOP KOP	1 1 1 1 1 1 1	ea ea ea ea ea ea ea ea	\$0.00 \$0.00 \$18.00 Subtotals: \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.0 \$36. \$66. \$0.0 \$0.0 \$0.0 \$0.0 \$0.0 \$0.0 \$0
osystem 6:	Pressure Gauge 1/4" od Tubing - 20M Electrical NI roboRIO Voltage Regulator Module (VRM) Pneumatic Control Module (PCM) Power Distribution Panel (PDP) Main Circuit Breaker Ethernet Cable Battery Battery Battery Connector	KOP Andy Mark KOP KOP KOP KOP KOP KOP KOP KOP KOP	1 1 1 1 1	ea	\$0.00 \$1.00 \$18.00 Subtotals: \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.0 \$36. \$66. \$0.0 \$0.0 \$0.0 \$0.0 \$0.0 \$0.0 \$0
bsystem 6:	Pressure Gauge 1/4" od Tubing - 20M Electrical NI roboRIO Voltage Regulator Module (VRM) Pneumatic Control Module (PCM) Power Distribution Panel (PDP) Main Circuit Breaker Ethernet Cable Battery Battery Connector Xtreme N Duo Wireless Bridge/ Access Point	KOP Andy Mark KOP KOP KOP KOP KOP KOP KOP KOP KOP KO	1 1 1 1 1 1 1	ea e	\$0.00 \$0.00 \$18.00 Subtotals: \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.0 \$36. \$66. \$0.0 \$0.0 \$0.0 \$0.0 \$0.0 \$0.0 \$0
osystem 6:	Pressure Gauge 1/4" od Tubing - 20M Electrical NI roboRIO Voltage Regulator Module (VRM) Pneumatic Control Module (PCM) Power Distribution Panel (PDP) Main Circuit Breaker Ethernet Cable Battery Battery Connector Xtreme N Duo Wireless Bridge/ Access Point DC/DC Power Converter 12/24V to 5V	KOP Andy Mark KOP KOP KOP KOP KOP KOP KOP KOP KOP KO	1 1 1 1 1 1 1 1 2 1	ea e	\$0.00 \$0.00 \$18.00 Subtotals: \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0. \$36 \$66 \$0. \$0. \$0. \$0. \$0. \$0. \$0. \$0. \$0.
osystem 6:	Pressure Gauge 1/4" od Tubing - 20M Electrical NI roboRIO Voltage Regulator Module (VRM) Pneumatic Control Module (PCM) Power Distribution Panel (PDP) Main Circuit Breaker Ethernet Cable Battery Battery Connector Xtreme N Duo Wireless Bridge/ Access Point DC/DC Power Converter 12/24V to 5V 40A Snap Action Breakers	KOP Andy Mark KOP KOP KOP KOP KOP KOP KOP KOP KOP KO	1 1 1 1 1 1 1	ea e	\$0.00 \$0.00 \$18.00 Subtotals: \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.0 \$36.0 \$0.0 \$0.0 \$0.0 \$0.0 \$0.0 \$0.0 \$0.0 \$
osystem 6:	Pressure Gauge 1/4" od Tubing - 20M Electrical NI roboRIO Voltage Regulator Module (VRM) Pneumatic Control Module (PCM) Power Distribution Panel (PDP) Main Circuit Breaker Ethernet Cable Battery Battery Connector Xtreme N Duo Wireless Bridge/ Access Point DC/DC Power Converter 12/24V to 5V 40A Snap Action Breakers 30A Snap Action Breakers	KOP Andy Mark KOP KOP KOP KOP KOP KOP KOP KOP KOP KO	1 1 1 1 1 1 1 2 1 1 1 1 2 1 1	ea e	\$0.00 \$1.00 \$18.00 Subtotals: \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.0 \$36.0 \$0.0 \$0.0 \$0.0 \$0.0 \$0.0 \$0.0 \$0.0 \$
osystem 6:	Pressure Gauge 1/4" od Tubing - 20M Electrical NI roboRIO Voltage Regulator Module (VRM) Pneumatic Control Module (PCM) Power Distribution Panel (PDP) Main Circuit Breaker Ethernet Cable Battery Battery Battery Connector Xtreme N Duo Wireless Bridge/ Access Point DC/DC Power Converter 12/24V to 5V 40A Snap Action Breakers 30A Snap Action Breakers Energy Chain Product	KOP Andy Mark KOP KOP KOP KOP KOP KOP KOP KOP KOP KO	1 1 1 1 1 1 1 2 1 1 1 1 3	ea e	\$0.00 \$0.00 \$18.00 Subtotals: \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.0 \$36. \$66. \$0.0 \$0.0 \$0.0 \$0.0 \$0.0 \$0.0 \$0
osystem 6:	Pressure Gauge 1/4" od Tubing - 20M Electrical NI roboRIO Voltage Regulator Module (VRM) Pneumatic Control Module (PCM) Power Distribution Panel (PDP) Main Circuit Breaker Ethernet Cable Battery Battery Connector Xtreme N Duo Wireless Bridge/ Access Point DC/DC Power Converter 12/24V to 5V 40A Snap Action Breakers 30A Snap Action Breakers Energy Chain Product CAN Wire	KOP Andy Mark KOP KOP KOP KOP KOP KOP KOP KOP KOP KO	1 1 1 1 1 1 1 2 1 1 1 1 2 1 1	ea e	\$0.00 \$0.00 \$18.00 Subtotals: \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.0 \$36.0 \$0.0 \$0.1 \$0.1 \$0.0 \$0.0 \$0.0 \$0.0 \$0
osystem 6:	Pressure Gauge 1/4" od Tubing - 20M Electrical NI roboRIO Voltage Regulator Module (VRM) Pneumatic Control Module (PCM) Power Distribution Panel (PDP) Main Circuit Breaker Ethernet Cable Battery Battery Connector Xtreme N Duo Wireless Bridge/ Access Point DC/DC Power Converter 12/24V to 5V 40A Snap Action Breakers 30A Snap Action Breakers Energy Chain Product CAN Wire Fuel Line For Encoders	KOP Andy Mark KOP KOP KOP KOP KOP KOP KOP KOP KOP KO	1 1 1 1 1 1 1 2 1 1 1 1 3	ea e	\$0.00 \$0.00 \$18.00 Subtotals: \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.0 \$36. \$0.0 \$0.0 \$0.0 \$0.0 \$0.0 \$0.0 \$0.0 \$0
osystem 6:	Pressure Gauge 1/4" od Tubing - 20M Electrical NI roboRIO Voltage Regulator Module (VRM) Pneumatic Control Module (PCM) Power Distribution Panel (PDP) Main Circuit Breaker Ethernet Cable Battery Battery Connector Xtreme N Duo Wireless Bridge/ Access Point DC/DC Power Converter 12/24V to 5V 40A Snap Action Breakers 30A Snap Action Breakers Energy Chain Product CAN Wire	KOP Andy Mark KOP KOP KOP KOP KOP KOP KOP KOP KOP KO	1 1 1 1 1 1 1 2 1 1 1 1 3	ea e	\$0.00 \$0.00 \$18.00 Subtotals: \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.0 \$36. \$66. \$0.0 \$0.0 \$0.0
osystem 6:	Pressure Gauge 1/4" od Tubing - 20M Electrical NI roboRIO Voltage Regulator Module (VRM) Pneumatic Control Module (PCM) Power Distribution Panel (PDP) Main Circuit Breaker Ethernet Cable Battery Battery Connector Xtreme N Duo Wireless Bridge/ Access Point DC/DC Power Converter 12/24V to 5V 40A Snap Action Breakers 30A Snap Action Breakers Energy Chain Product CAN Wire Fuel Line For Encoders	KOP Andy Mark KOP KOP KOP KOP KOP KOP KOP KOP KOP KO	1 1 1 1 1 1 1 2 1 1 1 1 3	ea e	\$0.00 \$0.00 \$18.00 Subtotals: \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.0 \$36. \$0.0 \$0.0 \$0.0 \$0.0 \$0.0 \$0.0 \$0.0 \$0
osystem 6:	Pressure Gauge 1/4" od Tubing - 20M Electrical NI roboRIO Voltage Regulator Module (VRM) Pneumatic Control Module (PCM) Power Distribution Panel (PDP) Main Circuit Breaker Ethernet Cable Battery Battery Connector Xtreme N Duo Wireless Bridge/ Access Point DC/DC Power Converter 12/24V to 5V 40A Snap Action Breakers 30A Snap Action Breakers Energy Chain Product CAN Wire Fuel Line For Encoders Banner Engineering T18 S2 (Bus Network)	KOP Andy Mark KOP KOP KOP KOP KOP KOP KOP KOP KOP KO	1 1 1 1 1 1 1 2 1 1 8 1 3 4 1	ea e	\$0.00 \$18.00 \$118.00 Subtotals: \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.\\ \$36 \$66 \$0.\\ \$0.\\ \$0.\\ \$0.\\ \$0.\\ \$0.\\ \$0.\\ \$0.\\ \$0.\\ \$1.\\ \$91 \$91 \$330
osystem 6:	Pressure Gauge 1/4" od Tubing - 20M Electrical NI roboRIO Voltage Regulator Module (VRM) Pneumatic Control Module (PCM) Power Distribution Panel (PDP) Main Circuit Breaker Ethernet Cable Battery Battery Connector Xtreme N Duo Wireless Bridge/ Access Point DC/DC Power Converter 12/24V to 5V 40A Snap Action Breakers 30A Snap Action Breakers Energy Chain Product CAN Wire Fuel Line For Encoders Banner Engineering T18 S2 (Bus Network) REV Robotics More Board Gyro Sensor	KOP Andy Mark KOP KOP KOP KOP KOP KOP KOP KOP KOP KO	1 1 1 1 1 1 2 1 1 8 8 1 3 4 1 1 1	ea e	\$0.00 \$0.00 \$18.00 \$18.00 Subtotals: \$0.00	\$0.0 \$36.0 \$0.0 \$0.1 \$0.1 \$0.1 \$0.1 \$0.1 \$0.1 \$0
osystem 6:	Pressure Gauge 1/4" od Tubing - 20M Electrical NI roboRIO Voltage Regulator Module (VRM) Pneumatic Control Module (PCM) Power Distribution Panel (PDP) Main Circuit Breaker Ethernet Cable Battery Battery Connector Xtreme N Duo Wireless Bridge/ Access Point DC/DC Power Converter 12/24V to 5V 40A Snap Action Breakers 30A Snap Action Breakers Energy Chain Product CAN Wire Fuel Line For Encoders Banner Engineering T18 S2 (Bus Network) REV Robotics More Board Gyro Sensor Limit Switch	KOP Andy Mark KOP KOP KOP KOP KOP KOP KOP KOP KOP KO	1 1 1 1 1 1 1 2 1 1 1 3 4 1 1 1	ea e	\$0.00 \$0.00 \$18.00 \$18.00 Subtotals: \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$1.00 \$0.00 \$0.00 \$0.00 \$1.00 \$0.00 \$0.00 \$1.50 \$1.50 \$1.50 \$1.50 \$1.50 \$1.50 \$1.50 \$1.50 \$1.50 \$1.50	\$0.0 \$36.0 \$0.0 \$0.0 \$0.0 \$0.0 \$0.0 \$0.0 \$0.0 \$
osystem 6:	Pressure Gauge 1/4" od Tubing - 20M Electrical NI roboRIO Voltage Regulator Module (VRM) Pneumatic Control Module (PCM) Power Distribution Panel (PDP) Main Circuit Breaker Ethernet Cable Battery Battery Connector Xtreme N Duo Wireless Bridge/ Access Point DC/DC Power Converter 12/24V to 5V 40A Snap Action Breakers 30A Snap Action Breakers Energy Chain Product CAN Wire Fuel Line For Encoders Banner Engineering T18 S2 (Bus Network) REV Robotics More Board Gyro Sensor	KOP Andy Mark KOP KOP KOP KOP KOP KOP KOP KOP KOP KO	1 1 1 1 1 1 2 1 1 8 8 1 3 4 1 1 1	ea e	\$0.00 \$0.00 \$18.00 \$18.00 Subtotals: \$0.00	\$0.\\ \$36.\\ \$66.\\ \$0.\\ \$0.\\ \$0.\\ \$0.\\ \$0.\\ \$0.\\ \$0.\\ \$0.\\ \$0.\\ \$0.\\ \$0.\\ \$0.\\ \$0.\\ \$0.\\ \$0.\\ \$0.\\ \$0.\\ \$0.\\ \$0.\\ \$1.\\ \$91.\\ \$29\\ \$18
bsystem 6:	Pressure Gauge 1/4" od Tubing - 20M Electrical NI roboRIO Voltage Regulator Module (VRM) Pneumatic Control Module (PCM) Power Distribution Panel (PDP) Main Circuit Breaker Ethernet Cable Battery Battery Connector Xtreme N Duo Wireless Bridge/ Access Point DC/DC Power Converter 12/24V to 5V 40A Snap Action Breakers 30A Snap Action Breakers Energy Chain Product CAN Wire Fuel Line For Encoders Banner Engineering T18 S2 (Bus Network) REV Robotics More Board Gyro Sensor Limit Switch	KOP Andy Mark KOP KOP KOP KOP KOP KOP KOP KOP KOP KO	1 1 1 1 1 1 2 1 1 8 8 1 3 4 1 1 1	ea e	\$0.00 \$0.00 \$18.00 \$18.00 Subtotals: \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$1.00 \$0.00 \$0.00 \$0.00 \$1.00 \$0.00 \$0.00 \$1.50 \$1.50 \$1.50 \$1.50 \$1.50 \$1.50 \$1.50 \$1.50 \$1.50 \$1.50	\$0.0 \$36. \$0.0 \$0.0 \$0.0 \$0.0 \$0.0 \$0.0 \$0.0 \$0
bsystem 6:	Pressure Gauge 1/4" od Tubing - 20M Electrical NI roboRIO Voltage Regulator Module (VRM) Pneumatic Control Module (PCM) Power Distribution Panel (PDP) Main Circuit Breaker Ethernet Cable Battery Battery Connector Xtreme N Duo Wireless Bridge/ Access Point DC/DC Power Converter 12/24V to 5V 40A Snap Action Breakers 30A Snap Action Breakers Energy Chain Product CAN Wire Fuel Line For Encoders Banner Engineering T18 S2 (Bus Network) REV Robotics More Board Gyro Sensor Limit Switch	KOP Andy Mark KOP KOP KOP KOP KOP KOP KOP KOP KOP KO	1 1 1 1 1 1 2 1 1 8 8 1 3 4 1 1 1	ea e	\$0.00 \$0.00 \$18.00 \$18.00 Subtotals: \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$1.00 \$0.00 \$0.00 \$0.00 \$1.00 \$0.00 \$0.00 \$1.50 \$1.50 \$1.50 \$1.50 \$1.50 \$1.50 \$1.50 \$1.50 \$1.50 \$1.50	\$0.0 \$36.0 \$0.0 \$0.0 \$0.0 \$0.0 \$0.0 \$0.0 \$0.0 \$
osystem 6:	Pressure Gauge 1/4" od Tubing - 20M Electrical NI roboRIO Voltage Regulator Module (VRM) Pneumatic Control Module (PCM) Power Distribution Panel (PDP) Main Circuit Breaker Ethernet Cable Battery Battery Connector Xtreme N Duo Wireless Bridge/ Access Point DC/DC Power Converter 12/24V to 5V 40A Snap Action Breakers 30A Snap Action Breakers Energy Chain Product CAN Wire Fuel Line For Encoders Banner Engineering T18 S2 (Bus Network) REV Robotics More Board Gyro Sensor Limit Switch	KOP Andy Mark KOP KOP KOP KOP KOP KOP KOP KOP KOP KO	1 1 1 1 1 1 2 1 1 8 8 1 3 4 1 1 1	ea e	\$0.00 \$0.00 \$18.00 \$18.00 Subtotals: \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$1.00 \$0.00 \$0.00 \$0.00 \$1.00 \$0.00 \$0.00 \$1.50 \$1.50 \$1.50 \$1.50 \$1.50 \$1.50 \$1.50 \$1.50 \$1.50 \$1.50	\$0. \$36 \$66 \$0. \$0. \$0. \$0. \$0. \$0. \$0. \$0. \$0. \$0.



	Versablock Kit	Vexpro	2	ea	\$24.99	\$49.9
	Aluminum Tubing - 1"x2"x1/8"	McMaster-Carr	3	feet	\$3.40	\$10.2
	Bearing - 1/2" Hex	Vexpro	4	ea	\$4.99	\$19.9
	4" Colson Wheel	Vexpro	2	ea	\$9.99	\$19.9
	Aluminum Shaft - 1/2" Hex	Vexpro	1	feet	\$4.00	\$4.00
	Shaft Collar - 1/2" Hex HD	Vexpro	4	ea	\$4.99	\$19.9
	Shaft Collar - 3/8" Round	Vexpro	4	ea	\$1.99	\$7.96
	Bushing - 3/8"	McMaster-Carr	8	ea	\$0.73	\$5.84
	Steel Shaft - 3/8" Round	McMaster-Carr	1	feet	\$3.00	\$3.00
	BAG Motor	KOP	2	ea	\$0.00	\$0.00
	Versaplanetary Gearbox Kit	Vexpro	2	ea	\$39.99	\$79.9
	Ring gear Kit - 4:1	Vexpro	2	ea	\$24.99	\$49.9
	Ring gear Kit - 10:1	Vexpro	2	ea	\$24.99	\$49.9
	200 Tooth Belt	Vexpro	2		\$12.49	
				<u>ea</u>		\$24.9
	Versapulley - 18T	Vexpro	4	ea	\$9.99	\$39.9
	Pneumatic Cylinder	McMaster-Carr	1	ea	\$40.01	\$40.0
	Talon Motor Control	AndyMark 2014	2	ea	\$59.00	\$118.
	FESTO Double Solenoid	FIRST CHOICE	11	ea	\$0.00	\$0.0
						\$0.0
					Subtotals:	\$543.
bsystem 4:	Container Grabber		_			
	Tape measure - 16'	Home Depot	1	ea	\$18.00	\$18.
	4" Tetrix Wheel	KOP	1	ea	\$0.00	\$0.0
	Tetrix Framing Material	KOP	1	ea	\$0.00	\$0.0
	Versaplanetary Gearbox Kit	Vexpro	1	ea	\$34.99	\$34.
	Ring gear Kit - 3:1	Vexpro	1	ea	\$24.99	\$24.
	Ring gear Kit - 10:1	Vexpro	1	ea	\$24.99	\$24.
	BAG Motor	KOP	1	ea	\$0.00	\$0.0
	S4 Shaft Encoder, 120 CPR, 1/4" Dia Shaft, Single-Ended, Ball Bearing	U.S Digital	1	ea	\$60.13	\$60.
	Cable Assembly, Shielded cable, MIC4 Connector to No Connector, 4 ft length	U.S Digital	1	ea	\$9.80	\$9.8
	Talon Motor Control	AndyMark 2014			\$59.00	\$59.
	Taion Motor Control	AlluyMark 2014		ea	\$39.00	\$0.0
	·				Subtotals:	\$231
ubevetom Ei	Pneumatics				Subtotais.	\$2J1.
ubsystem 5:	VIAIR 90C Compressor	KOP	1	ea	\$0.00	\$0.0
	Clippard Air Storage Tanks	Clippard	2	ea	\$15.40	\$30.8
	Pressure Relief Valve	KOP		ea	\$0.00	\$0.0
	Pressure Switch	KOP	1	ea	\$0.00	\$0.0
	Pressure Regulator	KOP	1	ea	\$0.00	\$0.0
	Pressure Gauge	<u>кор</u> Кор	1	ea ea		\$0.0
			1 2		\$0.00	\$0.0 \$36.
	Pressure Gauge 1/4" od Tubing - 20M	КОР		ea	\$0.00 \$0.00	\$0.0 \$36.
osystem 6:	Pressure Gauge 1/4" od Tubing - 20M Electrical	KOP Andy Mark		ea ea	\$0.00 \$0.00 \$18.00 Subtotals:	\$0. \$36. \$66.
osystem 6:	Pressure Gauge 1/4" od Tubing - 20M Electrical NI roboRIO	KOP Andy Mark KOP		ea ea ea	\$0.00 \$0.00 \$18.00 Subtotals: \$0.00	\$0.0 \$36 \$66 \$0.0
bsystem 6:	Pressure Gauge 1/4" od Tubing - 20M Electrical NI roboRIO Voltage Regulator Module (VRM)	KOP Andy Mark KOP KOP		ea ea ea	\$0.00 \$0.00 \$18.00 Subtotals: \$0.00 \$0.00	\$0.0 \$36. \$66. \$0.0 \$0.0
bsystem 6:	Pressure Gauge 1/4" od Tubing - 20M Electrical NI roboRIO Voltage Regulator Module (VRM) Pneumatic Control Module (PCM)	KOP Andy Mark KOP KOP KOP		ea ea ea	\$0.00 \$0.00 \$18.00 Subtotals: \$0.00 \$0.00	\$0.0 \$36. \$66. \$0.0 \$0.0
bsystem 6:	Pressure Gauge 1/4" od Tubing - 20M Electrical NI roboRIO Voltage Regulator Module (VRM)	KOP Andy Mark KOP KOP		ea ea ea	\$0.00 \$0.00 \$18.00 Subtotals: \$0.00 \$0.00	\$0.0 \$36. \$66. \$0.0 \$0.0
bsystem 6:	Pressure Gauge 1/4" od Tubing - 20M Electrical NI roboRIO Voltage Regulator Module (VRM) Pneumatic Control Module (PCM)	KOP Andy Mark KOP KOP KOP		ea ea ea ea ea	\$0.00 \$0.00 \$18.00 Subtotals: \$0.00 \$0.00	\$0.6 \$36. \$66. \$0.6 \$0.6
bsystem 6:	Pressure Gauge 1/4" od Tubing - 20M Electrical NI roboRIO Voltage Regulator Module (VRM) Pneumatic Control Module (PCM) Power Distribution Panel (PDP)	KOP Andy Mark KOP KOP KOP KOP KOP	1 1 1 1	ea ea ea ea ea ea	\$0.00 \$0.00 \$18.00 Subtotals: \$0.00 \$0.00 \$0.00 \$0.00	\$0.0 \$36. \$66. \$0.0 \$0.0 \$0.0 \$0.0 \$0.0
bsystem 6:	Pressure Gauge 1/4" od Tubing - 20M Electrical NI roboRIO Voltage Regulator Module (VRM) Pneumatic Control Module (PCM) Power Distribution Panel (PDP) Main Circuit Breaker Ethernet Cable	KOP Andy Mark KOP KOP KOP KOP KOP KOP KOP KOP	1 1 1 1 1	ea ea ea ea ea ea ea	\$0.00 \$0.00 \$18.00 Subtotals: \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.0 \$36.0 \$66.0 \$0.0 \$0.0 \$0.0 \$0.0 \$0.0 \$0.0
osystem 6:	Pressure Gauge 1/4" od Tubing - 20M Electrical NI roboRIO Voltage Regulator Module (VRM) Pneumatic Control Module (PCM) Power Distribution Panel (PDP) Main Circuit Breaker Ethernet Cable Battery	KOP Andy Mark KOP KOP KOP KOP KOP KOP KOP KOP KOP	1 1 1 1 1 1 1	ea ea ea ea ea ea ea ea	\$0.00 \$0.00 \$18.00 Subtotals: \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.0 \$36. \$66. \$0.0 \$0.0 \$0.0 \$0.0 \$0.0 \$0.0 \$0
osystem 6:	Pressure Gauge 1/4" od Tubing - 20M Electrical NI roboRIO Voltage Regulator Module (VRM) Pneumatic Control Module (PCM) Power Distribution Panel (PDP) Main Circuit Breaker Ethernet Cable Battery Battery Battery Connector	KOP Andy Mark KOP KOP KOP KOP KOP KOP KOP KOP KOP	1 1 1 1 1	ea	\$0.00 \$1.00 \$18.00 Subtotals: \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.0 \$36. \$66. \$0.0 \$0.0 \$0.0 \$0.0 \$0.0 \$0.0 \$0
bsystem 6:	Pressure Gauge 1/4" od Tubing - 20M Electrical NI roboRIO Voltage Regulator Module (VRM) Pneumatic Control Module (PCM) Power Distribution Panel (PDP) Main Circuit Breaker Ethernet Cable Battery Battery Connector Xtreme N Duo Wireless Bridge/ Access Point	KOP Andy Mark KOP KOP KOP KOP KOP KOP KOP KOP KOP KO	1 1 1 1 1 1 1	ea e	\$0.00 \$0.00 \$18.00 Subtotals: \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.0 \$36. \$66. \$0.0 \$0.0 \$0.0 \$0.0 \$0.0 \$0.0 \$0
osystem 6:	Pressure Gauge 1/4" od Tubing - 20M Electrical NI roboRIO Voltage Regulator Module (VRM) Pneumatic Control Module (PCM) Power Distribution Panel (PDP) Main Circuit Breaker Ethernet Cable Battery Battery Connector Xtreme N Duo Wireless Bridge/ Access Point DC/DC Power Converter 12/24V to 5V	KOP Andy Mark KOP KOP KOP KOP KOP KOP KOP KOP KOP KO	1 1 1 1 1 1 1 1 2 1	ea e	\$0.00 \$0.00 \$18.00 Subtotals: \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0. \$36 \$66 \$0. \$0. \$0. \$0. \$0. \$0. \$0. \$0. \$0.
osystem 6:	Pressure Gauge 1/4" od Tubing - 20M Electrical NI roboRIO Voltage Regulator Module (VRM) Pneumatic Control Module (PCM) Power Distribution Panel (PDP) Main Circuit Breaker Ethernet Cable Battery Battery Connector Xtreme N Duo Wireless Bridge/ Access Point DC/DC Power Converter 12/24V to 5V 40A Snap Action Breakers	KOP Andy Mark KOP KOP KOP KOP KOP KOP KOP KOP KOP KO	1 1 1 1 1 1 1	ea e	\$0.00 \$0.00 \$18.00 Subtotals: \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.0 \$36.0 \$0.0 \$0.0 \$0.0 \$0.0 \$0.0 \$0.0 \$0.0 \$
osystem 6:	Pressure Gauge 1/4" od Tubing - 20M Electrical NI roboRIO Voltage Regulator Module (VRM) Pneumatic Control Module (PCM) Power Distribution Panel (PDP) Main Circuit Breaker Ethernet Cable Battery Battery Connector Xtreme N Duo Wireless Bridge/ Access Point DC/DC Power Converter 12/24V to 5V 40A Snap Action Breakers 30A Snap Action Breakers	KOP Andy Mark KOP KOP KOP KOP KOP KOP KOP KOP KOP KO	1 1 1 1 1 1 1 2 1 1 1 1 2 1 1	ea e	\$0.00 \$1.00 \$18.00 Subtotals: \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.0 \$36.0 \$0.0 \$0.0 \$0.0 \$0.0 \$0.0 \$0.0 \$0.0 \$
osystem 6:	Pressure Gauge 1/4" od Tubing - 20M Electrical NI roboRIO Voltage Regulator Module (VRM) Pneumatic Control Module (PCM) Power Distribution Panel (PDP) Main Circuit Breaker Ethernet Cable Battery Battery Battery Connector Xtreme N Duo Wireless Bridge/ Access Point DC/DC Power Converter 12/24V to 5V 40A Snap Action Breakers 30A Snap Action Breakers Energy Chain Product	KOP Andy Mark KOP KOP KOP KOP KOP KOP KOP KOP KOP KO	1 1 1 1 1 1 1 2 1 1 1 1 3	ea e	\$0.00 \$0.00 \$18.00 Subtotals: \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.0 \$36. \$66. \$0.0 \$0.0 \$0.0 \$0.0 \$0.0 \$0.0 \$0
osystem 6:	Pressure Gauge 1/4" od Tubing - 20M Electrical NI roboRIO Voltage Regulator Module (VRM) Pneumatic Control Module (PCM) Power Distribution Panel (PDP) Main Circuit Breaker Ethernet Cable Battery Battery Connector Xtreme N Duo Wireless Bridge/ Access Point DC/DC Power Converter 12/24V to 5V 40A Snap Action Breakers 30A Snap Action Breakers Energy Chain Product CAN Wire	KOP Andy Mark KOP KOP KOP KOP KOP KOP KOP KOP KOP KO	1 1 1 1 1 1 1 2 1 1 1 1 2 1 1	ea e	\$0.00 \$0.00 \$18.00 Subtotals: \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.0 \$36.0 \$0.0 \$0.1 \$0.1 \$0.0 \$0.0 \$0.0 \$0.0 \$0
osystem 6:	Pressure Gauge 1/4" od Tubing - 20M Electrical NI roboRIO Voltage Regulator Module (VRM) Pneumatic Control Module (PCM) Power Distribution Panel (PDP) Main Circuit Breaker Ethernet Cable Battery Battery Connector Xtreme N Duo Wireless Bridge/ Access Point DC/DC Power Converter 12/24V to 5V 40A Snap Action Breakers 30A Snap Action Breakers Energy Chain Product CAN Wire Fuel Line For Encoders	KOP Andy Mark KOP KOP KOP KOP KOP KOP KOP KOP KOP KO	1 1 1 1 1 1 1 2 1 1 1 1 3	ea e	\$0.00 \$0.00 \$18.00 Subtotals: \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.0 \$36. \$0.0 \$0.0 \$0.0 \$0.0 \$0.0 \$0.0 \$0.0 \$0
osystem 6:	Pressure Gauge 1/4" od Tubing - 20M Electrical NI roboRIO Voltage Regulator Module (VRM) Pneumatic Control Module (PCM) Power Distribution Panel (PDP) Main Circuit Breaker Ethernet Cable Battery Battery Connector Xtreme N Duo Wireless Bridge/ Access Point DC/DC Power Converter 12/24V to 5V 40A Snap Action Breakers 30A Snap Action Breakers Energy Chain Product CAN Wire	KOP Andy Mark KOP KOP KOP KOP KOP KOP KOP KOP KOP KO	1 1 1 1 1 1 1 2 1 1 1 1 3	ea e	\$0.00 \$0.00 \$18.00 Subtotals: \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.0 \$36. \$66. \$0.0 \$0.0 \$0.0
osystem 6:	Pressure Gauge 1/4" od Tubing - 20M Electrical NI roboRIO Voltage Regulator Module (VRM) Pneumatic Control Module (PCM) Power Distribution Panel (PDP) Main Circuit Breaker Ethernet Cable Battery Battery Connector Xtreme N Duo Wireless Bridge/ Access Point DC/DC Power Converter 12/24V to 5V 40A Snap Action Breakers 30A Snap Action Breakers Energy Chain Product CAN Wire Fuel Line For Encoders	KOP Andy Mark KOP KOP KOP KOP KOP KOP KOP KOP KOP KO	1 1 1 1 1 1 1 2 1 1 1 1 3	ea e	\$0.00 \$0.00 \$18.00 Subtotals: \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.0 \$36. \$0.0 \$0.0 \$0.0 \$0.0 \$0.0 \$0.0 \$0.0 \$0
osystem 6:	Pressure Gauge 1/4" od Tubing - 20M Electrical NI roboRIO Voltage Regulator Module (VRM) Pneumatic Control Module (PCM) Power Distribution Panel (PDP) Main Circuit Breaker Ethernet Cable Battery Battery Connector Xtreme N Duo Wireless Bridge/ Access Point DC/DC Power Converter 12/24V to 5V 40A Snap Action Breakers 30A Snap Action Breakers Energy Chain Product CAN Wire Fuel Line For Encoders Banner Engineering T18 S2 (Bus Network)	KOP Andy Mark KOP KOP KOP KOP KOP KOP KOP KOP KOP KO	1 1 1 1 1 1 1 2 1 1 8 1 3 4 1	ea e	\$0.00 \$18.00 \$118.00 Subtotals: \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.\\ \$36 \$66 \$0.\\ \$0.\\ \$0.\\ \$0.\\ \$0.\\ \$0.\\ \$0.\\ \$0.\\ \$0.\\ \$1.\\ \$91 \$91 \$330
osystem 6:	Pressure Gauge 1/4" od Tubing - 20M Electrical NI roboRIO Voltage Regulator Module (VRM) Pneumatic Control Module (PCM) Power Distribution Panel (PDP) Main Circuit Breaker Ethernet Cable Battery Battery Connector Xtreme N Duo Wireless Bridge/ Access Point DC/DC Power Converter 12/24V to 5V 40A Snap Action Breakers 30A Snap Action Breakers Energy Chain Product CAN Wire Fuel Line For Encoders Banner Engineering T18 S2 (Bus Network) REV Robotics More Board Gyro Sensor	KOP Andy Mark KOP KOP KOP KOP KOP KOP KOP KOP KOP KO	1 1 1 1 1 1 2 1 1 8 8 1 3 4 1 1 1	ea e	\$0.00 \$0.00 \$18.00 \$18.00 Subtotals: \$0.00	\$0.0 \$36.0 \$0.0 \$0.1 \$0.1 \$0.1 \$0.1 \$0.1 \$0.1 \$0
osystem 6:	Pressure Gauge 1/4" od Tubing - 20M Electrical NI roboRIO Voltage Regulator Module (VRM) Pneumatic Control Module (PCM) Power Distribution Panel (PDP) Main Circuit Breaker Ethernet Cable Battery Battery Connector Xtreme N Duo Wireless Bridge/ Access Point DC/DC Power Converter 12/24V to 5V 40A Snap Action Breakers 30A Snap Action Breakers Energy Chain Product CAN Wire Fuel Line For Encoders Banner Engineering T18 S2 (Bus Network) REV Robotics More Board Gyro Sensor Limit Switch	KOP Andy Mark KOP KOP KOP KOP KOP KOP KOP KOP KOP KO	1 1 1 1 1 1 1 2 1 1 1 3 4 1 1 1	ea e	\$0.00 \$0.00 \$18.00 \$18.00 Subtotals: \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$1.50 \$0.00 \$0.00 \$0.00 \$1.50 \$0.00 \$1.50 \$1.50 \$1.50 \$1.50 \$1.50 \$1.50 \$1.50 \$1.50 \$1.50	\$0.0 \$36.0 \$0.0 \$0.0 \$0.0 \$0.0 \$0.0 \$0.0 \$0.0 \$
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bsystem 6:	Pressure Gauge 1/4" od Tubing - 20M Electrical NI roboRIO Voltage Regulator Module (VRM) Pneumatic Control Module (PCM) Power Distribution Panel (PDP) Main Circuit Breaker Ethernet Cable Battery Battery Connector Xtreme N Duo Wireless Bridge/ Access Point DC/DC Power Converter 12/24V to 5V 40A Snap Action Breakers 30A Snap Action Breakers Energy Chain Product CAN Wire Fuel Line For Encoders Banner Engineering T18 S2 (Bus Network) REV Robotics More Board Gyro Sensor Limit Switch	KOP Andy Mark KOP KOP KOP KOP KOP KOP KOP KOP KOP KO	1 1 1 1 1 1 2 1 1 8 8 1 3 4 1 1 1	ea e	\$0.00 \$0.00 \$18.00 \$18.00 Subtotals: \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$1.50 \$0.00 \$0.00 \$0.00 \$1.50 \$0.00 \$1.50 \$1.50 \$1.50 \$1.50 \$1.50 \$1.50 \$1.50 \$1.50 \$1.50	\$0.0 \$36. \$0.0 \$0.0 \$0.0 \$0.0 \$0.0 \$0.0 \$0.0 \$0
bsystem 6:	Pressure Gauge 1/4" od Tubing - 20M Electrical NI roboRIO Voltage Regulator Module (VRM) Pneumatic Control Module (PCM) Power Distribution Panel (PDP) Main Circuit Breaker Ethernet Cable Battery Battery Connector Xtreme N Duo Wireless Bridge/ Access Point DC/DC Power Converter 12/24V to 5V 40A Snap Action Breakers 30A Snap Action Breakers Energy Chain Product CAN Wire Fuel Line For Encoders Banner Engineering T18 S2 (Bus Network) REV Robotics More Board Gyro Sensor Limit Switch	KOP Andy Mark KOP KOP KOP KOP KOP KOP KOP KOP KOP KO	1 1 1 1 1 1 2 1 1 8 8 1 3 4 1 1 1	ea e	\$0.00 \$0.00 \$18.00 \$18.00 Subtotals: \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$1.50 \$0.00 \$0.00 \$0.00 \$1.50 \$0.00 \$1.50 \$1.50 \$1.50 \$1.50 \$1.50 \$1.50 \$1.50 \$1.50 \$1.50	\$0.0 \$36.0 \$0.0 \$0.0 \$0.0 \$0.0 \$0.0 \$0.0 \$0.0 \$
osystem 6:	Pressure Gauge 1/4" od Tubing - 20M Electrical NI roboRIO Voltage Regulator Module (VRM) Pneumatic Control Module (PCM) Power Distribution Panel (PDP) Main Circuit Breaker Ethernet Cable Battery Battery Connector Xtreme N Duo Wireless Bridge/ Access Point DC/DC Power Converter 12/24V to 5V 40A Snap Action Breakers 30A Snap Action Breakers Energy Chain Product CAN Wire Fuel Line For Encoders Banner Engineering T18 S2 (Bus Network) REV Robotics More Board Gyro Sensor Limit Switch	KOP Andy Mark KOP KOP KOP KOP KOP KOP KOP KOP KOP KO	1 1 1 1 1 1 2 1 1 8 8 1 3 4 1 1 1	ea e	\$0.00 \$0.00 \$18.00 \$18.00 Subtotals: \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$1.50 \$0.00 \$0.00 \$0.00 \$1.50 \$0.00 \$1.50 \$1.50 \$1.50 \$1.50 \$1.50 \$1.50 \$1.50 \$1.50 \$1.50	\$0. \$36 \$66 \$0. \$0. \$0. \$0. \$0. \$0. \$0. \$0. \$0. \$0.