

Snowmobile Chassis Team - Budget

	Vendor	Part Number	Quantity	Price per unit	Spent	Projected Expense
Tunnel Reconstruction						
Aluminum 1.25" od x 1/8" round tubing	Bangor Steel	N/A	24' (2 quantity)	61.20 per 24' pipe	154.4	
Rivets	McMaster-Carr	97525A550	6 packages	\$4.96 for pkg of 10		29.76
					Total	184.16
	Vendor	Part Number	Quantity	Price per unit	Spent	Projected Expense
Air Box Redesign						
Air Silencer	Cat Trax	2670-160	1	57.36		57.36
					Total	57.36
	Vendor	Part Number	Quantity	Price per unit	Spent	Projected Expense
Suspension Modification						
Custom Bogie (Idler) Wheel Mounts	SAE Club Build	N/A	2	0	0	0
Two extra 4.73" bogie wheels	Cat Trax	3604-386	2	27.95		55.9
Block Mount for wheels	Cat Trax	3604-207	2	15.95		31.9
Hygear Linkage Kit	Hygear Suspension	73-11-001	1	204.98	204.98	
8" Bogie (Idler) Wheels	Cat Trax	3604-963	2	35		70
Heavy duty rear arm spring	Cat Trax	2704-010	1	30.95		30.95
Heavy duty front arm spring	Cat Trax	1704-736	1	36.86		36.86
					Total	430.59
	Vendor	Part Number	Quantity	Price per unit	Spent	Projected Expense
IMU Costs						
GPS Logger	Adafruit	1272	2	49.95		99.9
Battery Shield	Adafruit	2078	2	19.95		39.9
Pressure/Temperature Sensor	Adafruit	1603	2	9.95		19.9
Gyro Sensor	Adafruit	1032	2	12.5		25
GPS Battery	Adafruit	328	2	14.95		29.9
					Total	214.6
Total Expenses (Excluding Lab Expenses)						886.71

MEE Capstone Design Purchase Request

If a chemical or hazardous material is ordered the MSDS must be copied and filed with the lab coordinator

Date Order Requested: September 25, 2014

Faculty Signature (this form must be signed) _____

Vendor Name: WH Depot

Address

Phone Number

Fax Number

Web Site: <http://www.amazon.com/Heavy-500x0-1lb-Shipping-Postal-Indicator/dp/B00HOPA7VQ>

Qty.	Description	Unit Price	Total
4	Heavy Duty 500x0.1lb Shipping Scale	\$39.99	\$159.96
	shipping (total)	\$20.49	\$20.49
			\$0.00
			\$0.00
			\$0.00
			\$0.00
			\$0.00
			\$0.00
			\$0.00
			\$0.00
Total			\$180.45

Student Requesting Order

Project Name: Clean Snowmobile Chassis

Chassis Team (Clean Snowmobile)

MEE Capstone Design Purchase Request

If a chemical or hazardous material is ordered the MSDS must be copied and filed with the lab coordinator

Date Order Requested: November 19, 2014

Faculty Signature (this form must be signed) _____

Vendor Name: Hygear Suspension

Address: 308 Peruville Road
Freeville, NY 13068

Phone Number: (607) 533-7434

Fax Number: none

Web Site: <http://www.hygearsuspension.com/hygearstore/index.php?c=1&p=119>

Qty.	Part No.	Description	Unit Price	Total
1	73-11-001	Complete Linkage Kit for 141" uncoupled suspensions	\$189.99	\$189.99
1		shipping cost	\$14.99	\$14.99
				\$0.00
				\$0.00
				\$0.00
				\$0.00
				\$0.00
				\$0.00
				\$0.00
				\$0.00
			Total	\$204.98

Student Requesting Order
Izaak Lachapelle

Project Name: Snowmobile Chassis Team

MEE Capstone Design Purchase Request

If a chemical or hazardous material is ordered the MSDS must be copied and filed with the lab coordinator

Date Order Requested: January 29, 2015

Faculty Signature (this form must be signed) _____

Vendor Name: Cat Trax

Address: 4788 Bennoch Road
Lagrange, Maine 04453

Phone Number: (207) 943-7903

Fax Number: (207) 943-5747

Web Site: <http://www.catraxmaine.com/>

Qty.	Part No.	Description	Unit Price	Total
1	2670-160	Silencer, Air - Assembly	\$69.95	\$69.95
4	3604-386	Wheel, Idler - Black	\$27.95	\$111.80
4	3604-207	Block, Mounting - Idler Wheel	\$15.95	\$63.80
		Note: All parts are for a 2013 Arctic Cat XF1100 LXR (non-turbo)		\$0.00
				\$0.00
				\$0.00
				\$0.00
				\$0.00
				\$0.00
				\$0.00
				\$0.00
			Total	\$245.55

Student Requesting Order

Izaak Lachapelle

Blaine Heikkinen

Project Name: Clean Snowmobile Chassis

MEE Capstone Design Purchase Request

If a chemical or hazardous material is ordered the MSDS must be copied and filed with the lab coordinator

Date Order Requested: February 17, 2015

Faculty Signature (this form must be signed) _____

Vendor Name: Adafruit

Address: <http://www.adafruit.com/>

Phone Number:

Fax Number:

Web Site: <http://www.adafruit.com/>

Qty.	Part No.	Description	Unit Price	Total
2	1272	Adafruit Ultimate GPS Logger Shield - Includes GPS Module	\$49.95	\$99.90
2	2078	Adafruit PowerBoost 500 Shield - Rechargeable 5V Power Shield	\$19.95	\$39.90
2	1603	BMP180 Barometric Pressure/Temperature/Altitude Sensor- 5V ready	\$9.95	\$19.90
2	1032	L3GD20H Triple-Axis Gyro Breakout Board - L3GD20/L3G4200	\$12.50	\$25.00
2	328	Lithium Ion Polymer Battery - 3.7v 2500mAh	\$14.95	\$29.90
				\$0.00
				\$0.00
				\$0.00
				\$0.00
				\$0.00
			Total	\$214.60

Student Requesting Order

Izaak Lachapelle

Michael Ostromecky

Project Name: Clean Snowmobile Chassis

MEE Capstone Design Purchase Request

If a chemical or hazardous material is ordered the MSDS must be copied and filed with the lab coordinator

Date Order Requested: March 17, 2015

Faculty Signature (this form must be signed) _____

Vendor Name: Bangor Steel Services, Inc.

Address 123 Dowd Road
 Bangor, ME 04401

Phone Number: (207) 947-2773

Fax Number: N/A

Web Site: N/A

Qty.	Part No.	Description	Unit Price	Total
2	N/A	24 foot length - round aluminum tubing - 1.25 inch outside diameter, 1/8th inch wall thickness	\$61.20	\$122.40
1		shipping cost	\$30.00	\$30.00
				\$0.00
				\$0.00
				\$0.00
				\$0.00
				\$0.00
				\$0.00
				\$0.00
				\$0.00
				\$0.00
				\$0.00
			Total	\$152.40

Student Requesting Order

Blaine Heikkinen

Izaak Lachapelle

Project Name

Clean Snowmobile - Chassis Team

MEE Capstone Design Purchase Request

If a chemical or hazardous material is ordered the MSDS must be copied and filed with the lab coordinator

Date Order Requested: April 14, 2015

Faculty Signature (this form must be signed) _____

Vendor Name: Bangor Steel Services, Inc.

Address 123 Dowd Road
 Bangor, ME 04401

Phone Number: (207) 947-2773

Fax Number: N/A

Web Site: N/A

Qty.	Part No.	Description	Unit Price	Total
2	N/A	1/8" thick aluminum plate - 2 feet by 4 feet area	\$47.72	\$95.44
1	N/A	1/4" thick aluminum plate - 1 feet by 2 feet area	\$30.48	\$30.48
				\$0.00
		NOTE		\$0.00
		We plan to pick up the material in person to save the \$30 shipping charge.		\$0.00
		Blaine will pick up in person and can be contacted at (207) [REDACTED]		\$0.00
				\$0.00
				\$0.00
				\$0.00
				\$0.00
				\$0.00
			Total	\$125.92

Student Requesting Order

Blaine Heikkinen

Izaak Lachapelle

Project Name

Clean Snowmobile - Chassis Team