

Review Request

Request

Budget

Additional Information

FY 17 JFC

Budget for Carnegie Mellon Racing (Society of Automotive Engineering)

Requested Total

\$70,806.00

Reviewer Adjusted Total

\$37,506.00↓

(-\$33,300.00 / -47.03%)

Sections (14)	# of Line Items (91)	Amount
Administrative	7	\$14,400.00
Energetics	13	\$43,800.00
Body/Aero	9	\$24,750.00
Chassis	7	\$5,100.00
Drivetrain	6	\$6,550.00
Suspension	6	\$4,350.00
Steering	5	\$850.00
Unsprung Mass	7	\$12,466.00
Impact Attenuator	2	\$190.00
Cooling	3	\$850.00
Driver Interface	5	\$1,900.00
Shop Supplies	7	\$2,050.00
Safety Equipment	5	\$1,950.00
Income	9	(\$48,400.00)

REVIEW STEP:

1st & 2nd Round Appeals

Reviewer Actions

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➔

Forward to Next Step

Back to Previous Step

Request History

💬 Add Comment

BUDGET SECTION:

Administrative

1. <u>SAE Lincoln Registration Fee</u>	Ops-Registration and Tournaments	1 x \$2,200.00	\$2,200.00
2. <u>Rental Car and Trailer</u>	Travel-Other	1 x \$2,000.00	\$2,000.00
3. <u>Competition Tee Shirts</u>	Equip-Uniforms	1 x \$0.00 ↓	\$1,500.00
4. <u>CMR 67 Maintenance</u>	Ops-Equipment Repair	1 x \$500.00	\$500.00
5. <u>CMR 16e Maintenance</u>	Ops-Equipment Repair	1 x \$2,000.00	\$2,000.00
6. <u>Testing</u>	Ops-Program Expenses	1 x \$600.00	\$600.00
7. <u>Competition Room and Board</u>	Travel-Hotel & Lodging	1 x \$5,600.00	\$5,600.00

Energetics

1. <u>Fuses</u>	Ops-General Supplies	1 x \$150.00	\$150.00
2. <u>Relays</u>	Ops-General Supplies	1 x \$200.00	\$200.00
3. <u>Electric Motors</u>	Ops-General Supplies	2 x \$0.00 ↓	\$4,650.00
4. <u>Batteries</u>	Ops-General Supplies	900 x \$4.00	\$3,600.00
5. <u>High Voltage Wiring</u>	Ops-General Supplies	1 x \$2,000.00	\$2,000.00
6. <u>Motor Controllers</u>	Ops-General Supplies	2 x \$0.00 ↓	\$5,200.00
7. <u>Sensors</u>	Ops-General Supplies	1 x \$2,000.00	\$2,000.00
8. <u>Battery Management System</u>	Ops-General Supplies	1 x \$4,200.00	\$4,200.00
9. <u>Low Voltage Wiring</u>	Ops-General Supplies	1 x \$350.00	\$350.00
10. <u>Low Voltage PCBs</u>	Ops-General Supplies	1 x \$4,000.00	\$4,000.00
11. <u>High Voltage PCBs</u>	Ops-General Supplies	1 x \$5,000.00	\$5,000.00



Moved to 1st & 2...

3/21/2016,
1:52PM

by

bbzhang@andrew.cmu.edu



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2/27/2016,
12:36PM

JFC is unable to fund your full request

Audience:



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2/27/2016,
12:36PM

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2/27/2016,
12:36PM

JFC is unable to fund your full request

Audience:



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2/27/2016,
12:36PM

"Paint Job" adjusted from \$20,000.00 to \$20,000.00.



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2/27/2016,
12:35PM

JFC is unable to fund your full request

12. <u>Accumulator Container</u>	Ops-General Supplies	1 x \$1,000.00 \$1,000.00
13. <u>Bus Plates/Bars</u>	Ops-General Supplies	1 x \$1,600.00 \$1,600.00

Body/Aero

1. <u>Carbon Fiber Rolls</u>	Ops-General Supplies	1 x \$900.00 \$900.00
2. <u>Epoxy Resin</u>	Ops-General Supplies	1 x \$500.00 \$500.00
3. <u>Mold Release Solvent and Wax</u>	Ops-General Supplies	1 x \$450.00 \$450.00
4. <u>Mold Materials</u>	Ops-General Supplies	1 x \$2,000.00 \$2,000.00
5. <u>Vacuum Bag Materials</u>	Ops-General Supplies	1 x \$350.00 \$350.00
6. <u>Sandpaper</u>	Ops-General Supplies	1 x \$50.00 \$50.00
7. <u>Aero Reinforcements</u>	Ops-General Supplies	1 x \$250.00 \$250.00
8. <u>Aero Linkages</u>	Ops-General Supplies	1 x \$250.00 \$250.00
9. <u>Paint Job</u>	Ops-Professional Services and Performances	1 x \$20,000.00 \$20,000.00

Chassis

1. <u>Chassis Tubes</u>	Ops-Professional Services and Performances	1 x \$0.00 ↓ \$3,200.00
2. <u>Aluminum Stock</u>	Ops-General Supplies	1 x \$1,000.00 \$1,000.00
3. <u>Hardware</u>	Ops-General Supplies	1 x \$300.00 \$300.00
4. <u>Powder Coat</u>	Ops-Professional Services and Performances	1 x \$400.00 \$400.00
5. <u>Argon Gas</u>	Ops-General Supplies	1 x \$50.00 \$50.00

6. <u>Filler Rod</u>	Ops-General Supplies	1 x \$100.00	\$100.00
7. <u>Brushes</u>	Ops-General Supplies	1 x \$50.00	\$50.00

Drivetrain

1. <u>7075 Aluminum Stock</u>	Ops-General Supplies	1 x \$800.00	\$800.00
2. <u>50mm Bearings</u>	Ops-General Supplies	1 x \$50.00	\$50.00
3. <u>80mm Bearings</u>	Ops-General Supplies	1 x \$100.00	\$100.00
4. <u>Lubricant and Axle Stubs</u>	Ops-General Supplies	1 x \$450.00	\$450.00
5. <u>Driveshafts</u>	Ops-General Supplies	1 x \$1,650.00	\$1,650.00
6. <u>Automatic Manufacturing Services</u>	Ops-Professional Services and Performances	1 x \$3,500.00	\$3,500.00

Suspension

1. <u>Steel Stock</u>	Ops-General Supplies	1 x \$200.00	\$200.00
2. <u>Aluminum Stock</u>	Ops-General Supplies	1 x \$150.00	\$150.00
3. <u>Shocks/Dampers</u>	Ops-General Supplies	4 x \$650.00	\$2,600.00
4. <u>Graded Hardware</u>	Ops-General Supplies	1 x \$500.00	\$500.00
5. <u>Spherical and Rod End Bearings</u>	Ops-General Supplies	1 x \$500.00	\$500.00
6. <u>Anti-roll Bar</u>	Ops-General Supplies	1 x \$400.00	\$400.00

Steering

1. <u>Steering Wheel</u>	Ops-General Supplies	1 x \$250.00	\$250.00
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2. <u>Steering Column</u>	Ops-General Supplies	1 x \$100.00	\$100.00
3. <u>Steering Rack</u>	Ops-General Supplies	1 x \$300.00	\$300.00
4. <u>U-joints</u>	Ops-General Supplies	1 x \$100.00	\$100.00
5. <u>Aluminum Stock</u>	Ops-General Supplies	1 x \$100.00	\$100.00

Unsprung Mass

1. <u>Tires</u>	Ops-General Supplies	8 x \$146.00	\$1,168.00
2. <u>Aluminum Stock</u>	Ops-General Supplies	1 x \$1,050.00	\$1,050.00
3. <u>Wheels</u>	Ops-General Supplies	8 x \$256.00	\$2,048.00
4. <u>Steel Stock</u>	Ops-General Supplies	1 x \$550.00	\$550.00
5. <u>Brake Calipers</u>	Ops-General Supplies	1 x \$350.00	\$350.00
6. <u>Wheel Bearings</u>	Ops-General Supplies	4 x \$200.00	\$800.00
7. <u>Automatic Manufacturing Services</u>	Ops-Professional Services and Performances	1 x \$6,500.00	\$0.00 ↓

Impact Attenuator

1. <u>Foam Impact Cone</u>	Ops-General Supplies	1 x \$140.00	\$140.00
2. <u>Steel Plate</u>	Ops-General Supplies	1 x \$50.00	\$50.00

Cooling

1. <u>Radiator</u>	Ops-General Supplies	1 x \$650.00	\$650.00
2. <u>Cooling Fans</u>	Ops-General Supplies	1 x \$100.00	\$100.00
3. <u>Cooling Pumps</u>	Ops-General	2 x \$100.00	\$200.00

Supplies \$50.00

Driver Interface

1. <u>Racing Seat</u>	Ops-General Supplies	1 x \$550.00	\$550.00
2. <u>Dashboard Fixtures</u>	Ops-General Supplies	1 x \$150.00	\$150.00
3. <u>Pedal Assembly</u>	Ops-General Supplies	1 x \$350.00	\$350.00
4. <u>Master Cylinders</u>	Ops-General Supplies	2 x \$400.00	\$800.00
5. <u>Balance Bar</u>	Ops-General Supplies	1 x \$50.00	\$50.00

Shop Supplies

1. <u>Drill Bits</u>	Ops-General Supplies	1 x \$300.00	\$300.00
2. <u>End mills</u>	Ops-General Supplies	1 x \$300.00	\$300.00
3. <u>Lubricants and Oil</u>	Ops-General Supplies	1 x \$300.00	\$300.00
4. <u>Machine Maintenance</u>	Ops-Equipment Repair	1 x \$500.00	\$500.00
5. <u>Taps</u>	Ops-General Supplies	1 x \$100.00	\$100.00
6. <u>Oscilloscope</u>	Ops-General Supplies	1 x \$400.00	\$400.00
7. <u>Cleaning Supplies</u>	Ops-General Supplies	1 x \$150.00	\$150.00

Safety Equipment

1. <u>Racing Helmets</u>	Ops-General Supplies	1 x \$700.00	\$700.00
2. <u>Racing Safety Suit</u>	Ops-General Supplies	1 x \$800.00	\$800.00
3. <u>Racing Gloves</u>	Ops-General Supplies	1 x \$100.00	\$100.00

4. <u>Racing Shoes</u>	Ops-General Supplies	1 x \$200.00	\$200.00
5. <u>Fire Extinguisher Refills</u>	Ops-General Supplies	1 x \$150.00	\$150.00

Income

1. <u>PPG Sponsorship</u>	Revenue- Donations & Grants (Income)	1 x (\$20,000.00)	(\$20,000.00)
2. <u>Team Dues</u>	Revenue- Other (Income)	60 x (\$60.00)	(\$6,000.00) ↑
3. <u>Boeing Sponsorship</u>	Revenue- Donations & Grants (Income)	1 x (\$5,000.00)	(\$5,000.00)
4. <u>Ford Sponsorship</u>	Revenue- Donations & Grants (Income)	1 x (\$2,500.00)	(\$2,500.00)
5. <u>SpaceX Sponsorship</u>	Revenue- Donations & Grants (Income)	1 x (\$2,000.00)	(\$2,000.00)
6. <u>Crowd Funding</u>	Revenue- Donations & Grants (Income)	1 x (\$7,500.00)	(\$7,500.00)
7. <u>Constellation Energy E2 Energy to Educate Grant</u>	Revenue- Donations & Grants (Income)	1 x (\$5,000.00)	(\$5,000.00)
8. <u>SKF</u>	Revenue- Donations & Grants (Income)	4 x (\$200.00)	(\$800.00)
9. <u>Champlain Cable</u>	Revenue- Donations & Grants (Income)	1 x (\$2,000.00)	(\$2,000.00)

Finish Later

← Previous

