

McMaster Solar Car 2023-2024 Year

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|------------------------------|--|
| Full Club Name | McMaster Solar Car Project |
| Prepared By | Eddy Su |
| Date Prepared | Aug 29,2022 |
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Total Cash Available for the Year

Carryover

| | | | | |
|---|--|----|--|-----------|
| 1 | Beginning Balance (As of May 1, 2022) | \$ | | 21,134.28 |
| 2 | Outstanding Costs from Previous Year | \$ | | - |

Revenues

| Revenues: Non-Events | | Projected | Actual | Comments |
|-----------------------------|--|------------------|---------------|--|
| | MSU Funding Requested/Granted | \$ 30,935.00 | \$ - | The number is based on 2022-23 Funding Requested |
| | Sponsorships | \$ 2,000.00 | \$ - | The sponsorships is still on the process |
| | MES funding | \$ 2,500.00 | \$ - | |
| | Engineering Faculty funding | \$ 16,050.00 | \$ - | |
| 3 | Total Revenues | \$ 51,485.00 | \$ - | |
| 4 | Total Cash Available for the Year (1-2+3) | \$ 72,619.28 | \$ 21,134.28 | |

Total Expenses for the Year

Expenses

| Expenses: General | | | | |
|--|-------------------------------------|--------------|------|---|
| | Maintenance and business expenses | \$ 910.46 | \$ - | Banners, Stickers, Merch, etc |
| | 10% electrical contingency | \$ 7,585.55 | \$ - | 10% of electrical vehicle spending as contingency |
| | 10% mechanical contingency | \$ 4,598.03 | \$ - | 10% of mechanical vehicle spending as contingency |
| | Team bonding events | \$ 44.86 | \$ - | for food and drinks during general meetings |
| | 2024 ASC Registration | \$ 13,100.00 | \$ - | Non negotiable fee to competition registration |
| Expenses: Projects & Events | | | | |
| General Electrical | | | | |
| | PCB manufacturing | \$ 1,663.99 | \$ - | for PMS, LV, PC, DDISP, CAN and DAQ |
| | Electronic Components | \$ 1,515.25 | \$ - | surface mount components for all PCBs |
| | BMS | \$ 3,000.00 | \$ - | Battery Management System |
| | Battery | \$ 8,946.98 | \$ - | Battery box, batteries, bus bars, wires |
| Suspension | | | | |
| | Steering | \$ 1,500.00 | \$ - | Steering system |
| | Front Suspension | \$ 5,500.00 | \$ - | front suspension manufacturing (material + CNC) |
| | wheel rim | \$ 2,965.90 | \$ - | Wheel rim CNC |
| | Breaking | \$ 3,400.00 | \$ - | Breaking material and tooling |
| | Tools | \$ 300.00 | \$ - | general assembly tooling |
| | Rear suspension | \$ 6,000.00 | \$ - | rear suspension manufacturing (material + CNC) |
| Aeroshell | | | | |
| | Seats, Brackets, Harness | \$ 318.07 | \$ - | seats and brackets, harness purchasing costs |
| | Aeroshell Stickers & Wrap | \$ 3,000.00 | \$ - | aeroshell wrap, sponsor logos |
| | Interior & exterior manufacturing | \$ 589.83 | \$ - | internal panels, astetics, and more |
| | 3D printer supplies | \$ 112.77 | \$ - | 3d printing filament |
| | Composite Tooling & Materials | \$ 743.44 | \$ - | carbon fiber, resin, toolings, fiber glass |
| Chassis | | | | |
| | Front and Rear Chasis Manufacturing | \$ 2,500.00 | \$ - | front and rear crash box manufacturing |
| 5 | Total Expenses | \$ 68,295.13 | \$ - | |

Ending Balance

| | | | |
|--------------------------------------|-------------|--------------|----------------|
| Ending Balance (4-5) | \$ 4,324.15 | \$ 21,134.28 | |
| Projected vs. Actual Variance | \$ | 16,810.13 | SURPLUS |