

<b>Team #:</b>	18280	<b>Team Name:</b>	Hot Wheelz Hot Seniorz
<b>Date</b>	1/30/2018	<b>Document Owner:</b>	Rachel Heise
<b>Revision #:</b>	4		

## BUDGET

Subsystem	Components	Budget Cost	Min Total Cost	Max Total Cost	Actual Cost	Projected Cost
<b>Cart</b>	Base of cart	\$300.00	\$200.00	\$300.00	\$349.01	\$349.01
<b>Cart</b>	Cart base peg stock	\$50.00	\$30.00	\$100.00	\$31.98	\$31.98
<b>Cart</b>	Cart wall stock	\$500.00	\$400.00	\$550.00	\$95.94	\$95.94
<b>Cart</b>	Brackets for mounting shelves	\$20.00	\$15.00	\$20.00	\$18.00	\$18.00
<b>Cart</b>	Caster wheels	\$35.00	\$30.00	\$40.00	\$54.00	\$54.00
<b>Cart</b>	Misc. items for mounting	\$150.00	\$150.00	\$200.00		\$150.00
<b>Cart</b>	Items for motor shelf	\$450.00	\$400.00	\$600.00	\$431.72	\$431.72
<b>Cart</b>	Shelf runners & arms	\$300.00	\$250.00	\$400.00	\$214.44	\$214.44
<b>Cart</b>	Wood screws	\$25.00	\$10.00	\$25.00	\$15.70	\$15.70
<b>Cart</b>	Firewall for battery compartment	\$40.00	\$15.00	\$40.00		\$40.00
<b>Electrical</b>	Power supply for bench	\$20.00	\$19.99	\$25.00	\$19.99	\$19.99
<b>Electrical</b>	DCDC converter	\$19.90	\$19.90	\$25.00	\$27.89	\$27.89
<b>Electrical</b>	2/0 Wire for HV perm. wiring	\$60.00	\$57.80	\$70.00		\$60.00
<b>Electrical</b>	Sensors (thermistors, GLV current sensor)	\$40.00	\$30.00	\$40.00	\$24.39	\$24.39
<b>Electrical</b>	Connectors housings	\$30.00	\$25.00	\$30.00	\$0.00	\$0.00
<b>Electrical</b>	Prototyping boards	\$15.00	\$13.00	\$18.00	\$30.80	\$30.80
<b>Electrical</b>	Wiring supplies (heat shrink, pins)	\$80.00	\$60.00	\$80.00		\$80.00
<b>Electrical</b>	Sensor circuitry	\$100.00	\$80.00	\$120.00	\$76.82	\$76.82
<b>Electrical</b>	Shutdown components	\$200.00	\$100.00	\$200.00	\$70.51	\$70.51
<b>Programming</b>	CAN bus adapter for RPi	\$50.00	\$40.00	\$50.00	\$47.95	\$47.95
<b>Programming</b>	Microcontroller	\$35.00	\$35.00	\$40.00	\$34.95	\$34.95
<b>Programming</b>	SD card for uC	\$10.00	\$10.00	\$12.00	\$9.95	\$9.95
<b>Programming</b>	Power supply for uC	\$10.00	\$8.00	\$10.00	\$8.71	\$8.71
		<b>\$2,539.90</b>	<b>\$1,998.69</b>	<b>\$2,995.00</b>	<b>\$1,562.75</b>	<b>\$1,892.75</b>