

BUDGET EXAMPLE

WSGC Collegiate Rocket Competition 20xx

Team ABC

School Name

Preliminary Budget

| Component Description | Quantity | Cost per Unit | Total |
|--|----------|---------------|-----------------|
| Altimeter Bay Payload bay to hold altimeters | 1 | \$ 28.56 | \$ 28.56 |
| Altimeters For systematic parachute deployment have 2 | | \$ - | \$ - |
| Body Tube 3.9" ID 4.0" OD 34 inch length | 2 | \$ 10.45 | \$ 20.90 |
| Centering Rings 3.9" OD 38 mm ID 0.5" thickness will be made in house | 2 | \$ 8.10 | \$ 16.20 |
| Construction Supplies Epoxy/Paint/Battery/Hardware/Etc. - | | \$ 100.00 | \$100.00 |
| Dremel Rotary tool kit General purpose tool (used for cutting fin slots, sanding, etc.) have | | \$ - | \$ - |
| Drogue Parachute To eject before main parachute; have one, but will buy spare have | | \$ - | \$ - |
| Fins Approximate price for G-10; size and shape to be determined | 4 | \$ 15.95 | \$ 63.80 |
| GPS Garmin GTU 10 have | | \$ - | \$ - |
| Key switches Used to turn on altimeters at the launch pad | 2 | \$ 6.00 | \$ 12.00 |
| Motor Mount Tube 38 mm fits I, and J motors; to mount motor in rocket | 1 | \$ 7.35 | \$ 7.35 |
| Motor Retainer 38 mm retainer; secures motor in motor mount tube | 1 | \$ 31.03 | \$ 31.03 |
| Nose Cone 3.9" outer diameter | 1 | \$ 21.95 | \$ 21.95 |
| Parachute 60" SkyAngle (10.2-22.1 lbf); have | | \$ - | \$ - |
| Parachute Protector Reusable fire resistant cloth to protect parachute have 4 | | \$ - | \$ - |
| Pitot tube Used to calculate velocity of rocket | 1 | \$ 350.00 | \$350.00 |
| Rail Buttons For launch; to connect rocket to launch rail | 2 | \$ 1.54 | \$ 3.08 |
| Rip Cord 1500lb Kevlar Shock Cord (Cost per foot) | 60 | \$ 0.92 | \$ 55.20 |
| Terminal Block 12 Position terminal strip for wiring ejection charges | 1 | \$ 3.49 | \$ 3.49 |
| Toolbox Storage of tools and components have | | \$ - | \$ - |
| Total | | | \$713.56 |

All prices taken from internet rocket company websites.

Motor and flight recorder provided by WSGC.