

AquaCards Inc.

Melvindale High School

Melvindale, MI

Distance to Competition: 1918.12 kilometers

Competition History: AquaCards Inc. is returning to the MATE competition this year. We competed in the regionals last year and were only one place away from going to internationals, making this our first year competing in the international competition.

Our Team:



Left to Right: Nick Kean (Design Engineer), Andrew Barron (Pilot/Electrical Engineer), Jon Gunther (Mechanical Engineer), John Felt (Co-Pilot/CEO), and Brandon Foster (Electrical Engineer/CFO)

ROV SPECIFICATIONS:

Range of Grade: All members are high school juniors (11th grade)

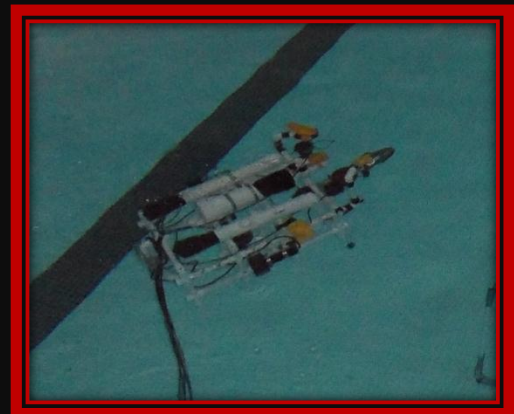
ROV Name: Bertha

Total Cost for Unit: \$2,915.54

Primary Material: PVC piping

Dimensions: Length: 65.52cm, Width: 42.54cm, Height: 40.64cm

Total Weight in Air: 14.5Kg



Safety Features: Motor guards, Filed edges, Proper wiring, 20 amp fuse, waterproofed electrical equipment, tightly bound tether, Two-wire electrical system, no loose/unstable parts, and a long enough tether to allow for a safe distance away from the pool.