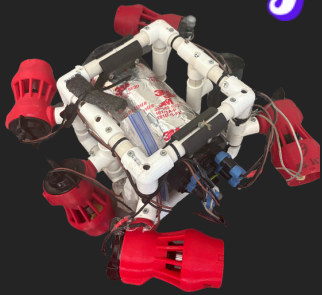


# PROJECT NEBULA

Arlington, Tx

Competition Class: Ranger

## *ROV - Project Omega*



- **Total Cost: \$475**
- **Dimensions and Weight: 11 inches by 11 inches; Weight: 8 pounds**
- **Total Student Hours for Design: ~675**
- **Safety Features:**
  - Strain relief
  - Automatic voltage cutoff
  - Dead zones
  - Shroud design that protects marine life while maximizing motor output
  - Surge protector with a 15-amp fuse
  - Robust and durable construction
  - Clean and organized body
  - Durable tether
  - Low latency
  - High-quality camera
  - Absence of sharp edges
  - Thoughtfully planned design prioritizing user safety
- **Special Features:**
  - High-quality camera
  - Hot-swappable components
  - Durable tether
  - Onboard electronics for real time processing
  - PS3 controller for intuitive control and maneuverability

### Name

\*Left to Right

### Role

Mitchell Hulme	CEO, Electrical Lead
Joel Lee	Software Lead
Nicholas Cheng	Float Engineer, Financial Officer
Ben Bowyer	Engineer, Tether Handler
Ethan Rojas	Float Lead
Graham Partee	Pilot, Co-Captain
Liam Bray	Float Engineer