



Robo-Tech

# The AQUAHOLIC



## Team members

Mark Adel - Grade 11	CEO , Pilot
Abdelrahman Ayman -Grade 10	Head of Mechanical Department
Mohamed Bahaa – Grade 11	Head of Electrical department
Retag Tarek – Grade 11	Mechanical Engineer-CFO
Pola Qulta- Grade 11	Electrical Engineer-CO-pilot
Sherry Sadek- Grade 11	Mechanical Engineer
Rowan Ashraf- Grade	Mechanical Engineer
Abanoub Hani-Grade 8	Software Engineer
Ziad Ahmed – Grade 9	Electrical Engineer



## ROV Specifications

- 1 **Company name:** Robo-Tech
- 2 **ROV name:** The Aquaholic
- 3 **Total cost** 986\$
- 4 **Dims:** 60cm \* 58cm \* 55cm
- 5 **Total speed** 0.5 m/s
- 6 **ROV mass:** 14.5kg
- 7 **Tether mass** 3 kg
- 8 **Material:** Polyamide
- 9 **Stability:**
  - Flight time > 16hr
  - Design and fabricaon time > 300hr
- 10 **Safety features**
  - Shrouded thruster
  - Strain relief on tether
  - Warning labels on moving parts