



CMA SECONDARY SCHOOL

CMA UNDERWATER EXPERT LTD.

7th Year Participants in MATE International ROV Competition,
5th Years compete in Ranger Class

ROV SPECS



ROV Name

ETA

Primary Construction Materials

High Density Polyethylene (HDPE)

Total Weight

11.4kg

Dimensions

420mm (L) x 520mm (W) x 430mm (H)

Total Cost

USD 32,500

Safety Features

- No sharp edges
- Hazard warning stickers labeled on all moving part
- A 25 Amp in-line fuse
- placed in electrical System
- Volt-meter, amp-meter and emergency
- stop button installed in electrical
- distribution control panel
- Tether is covered for protection

Total Weight



Total Cost



Dimensions



Special Features

- Quickly detachable mechanism
- Subframe for completing the task
- Mission-oriented with one manipulator

Crew Members

Distance From
Hong Kong to Seattle,
Washington



11 students-hours
to design
and build



| NAME | TITLE | GRADE | HISTORY |
|-------------|--------------------------|----------|---------|
| Khalil CHOY | CEO | Grade 11 | New |
| Louise LO | Secretary | Grade 11 | Return |
| Beth AU | Head Marketing Executive | Grade 11 | Return |
| Tracy LI | Marketing Executive | Grade 11 | New |
| Paul CHOW | Head Mechanical Engineer | Grade 11 | New |
| Jacky SHUM | Mechanical Engineer | Grade 11 | Return |
| Kelvin KO | Mechanical Engineer | Grade 11 | Return |
| Ming NG | Mechanical Engineer | Grade 11 | New |
| Gordon LO | Mechanical Engineer | Grade 8 | New |
| Jerry LUM | Electrical Engineer | Grade 11 | Return |
| Terry AU | Electrical Engineer | Grade 7 | New |



HONG KONG

