



SPECS SHEET OF PCMS



Company Name: PCMS

Home State: Avenida de Horta e Costa, No.7, Macau

School Name: PuiChing Middle School

Distance Required Traveling to Seattle: 6527.5 Miles

History of Company: This is the first time we participate the ROV competition.

Members:



Chang, Hok Wai

- CEO
- Structure engineering
- Form 4 student

Cheung, lek kei

- CEO
- Electronic and technology
- Form 3 student

Leong, Ka Chon

- Electronic and technology
- Form 3 student

Cheng , Fong Tin

- Structure and waterproofing
- Form 3 student

Mak, Seong Wai

- CFO
- Structure and waterproofing
- From 3 student

Lau, Danel On Chun

- Structure engineering
- Form 2 student



Lei, lok Tong

- CFO
- Structure and waterproofing
- Form 2 student

Lo, Wai Kin

- Structure and waterproofing
- Form 2 student

Ho, Chon Hin

- Electronic and technology
- Form 2 student

Cheang, Weng Lam

- Mechanical Engineering
- Form 2 student

Wong, Hio Meng

- Mechanical Engineering
- Form 2 student

Loi, Chi Ian

- Art Design
- Form 2 student

Our ROV:

ROV name: Eagle Ray

Maximum Turning Velocity:1.58rad/s

Total Cost of Construction: USD\$ 54,116.5

Maximum Electric Power Consumed: 200W

Primary Materials Used in Construction: Aluminum

Maximum Propelling Velocity:26cm/s

Approximate Dimensions: 0.5m X 0.56m X 0.51m

Total weight:30 Kg

(Length X Width X Height)