The Phoenix
Pui Ching Middle School
Macau SAR
Specification Sheet

**ROV Specifications**

**General Information:**
- **Name of Vehicle:** Nirvana
- **Size (Length x Width x Height):** 484mm x 484mm x 270mm
- **Weight of Vehicle:** 13kg
- **Total Cost:** USD 2,685
- **Total Work Hours:** 2583

**Special Feature:**
- Flat and octagonal prism frame
- Interchangeable tools
- Streamlined shell
- Interchangeable tools
- Clean wiring configuration

**Safety Feature:**
- No sharp edge design
- Thruster shrouds
- 25A fuse
- Strain Relief

**Company Specification**

**Team Members:**
- Clarissa Sin (Grade11) (Year2) (returning)
- CEO, Software Engineer
- Charlotte Lao (Grade11) (Year4) (returning)
- Electronic Engineer/CTO
- Rossetti Ung (Grade12) (Year3) (returning)
- CFO/QCO
- Sebastien Sin (Grade9) (Year1) (new)
- Mechanical Engineer, Pilot
- Casey Kou (Grade12) (Year5) (returning)
- Safety Manager, Mechanical Engineer

**Mentors:**
- Thomas Lao, Chongman Leong, Derek Leong

**Travel Distance:** 13,259 km
**History in MATE:** 7 Years

**Company Name:** The Phoenix
**School Name:** Pui Ching Middle School