



GERMAN SWISS INTERNATIONAL SCHOOL

PORPOISE

HONG KONG

From top left: Sean Li (Software Engineer), Kristy Chan (CEO), Dylan Robinson (Electrical Engineer), Arya Killa (Marketing Manager), Valerie Ang (CCO), Raphael Wong (Mechanical Engineer)

All members of the team are in Year 12 (Grade 11)

ROV (ARDUI-YES) SPECIFICATIONS

Total spending: \$33,721.61

Dimensions: 457 x 254 x 241mm

Weight: 11kg

Total design and build time (per person): 160 hours

Safety features include motor guards to prevent debris entering the propellers, an LED light to increase visibility, fuses to prevent current overflow from damaging components or people in contact with the ROV, and hazard stickers to warn against touching motors.

Special features include a hook, a movable gripper system, a lateral thruster for easy mobility and several cameras for visibility.

