HYDRON

**Safety Features**
- Notification LED
- Light
- No sharp edge
- Handle
- Fuse
- Kill Switch
- Thruster Shroud

**Special Features**
- SMS
- Modular
- Hot Swap Manipulators
- Front and Rear Interchargeable
- Flexible Configuration

**Cost Breakdown**
- Electronics: 20%
- Shipping: 18%
- Hardware: 57%
- Others: 5%

**Total Cost** $27,470 HKD

**Dimensions**
- 470mm
- 500mm
- 480mm

**Members**
- Isaac Sin Wai Teng: CEO & CTO
- Ada Leong Weng Sam: CFO & Mechanical Engineer
- Bona Lam Iat Long: Pilot
- Ryan Chan Pou Ut: Head Mechanical Engineer
- Thomas Lei Chon Weng: Mechanical Engineer
- Chester Lou Hou Hei: Safety Officer & Mechanical Engineer
- Ryan Chan Chon In: Mechanical Engineer
- Edward Lei Kuok Lon: Mechanical Engineer
- Julio Da Silva Nogueira: Mechanical Engineer
- Smith: Head Software Engineer
- Ricky Vu Kun Seng: Head Software Engineer
- Ardith Ho Wai Man: Software Engineer
- Chloe Kwok Ka Kio: Fabricator

**Roles**
- CEO & CTO
- CFO & Mechanical Engineer
- Pilot
- Head Mechanical Engineer
- Mechanical Engineer
- Safety Officer & Mechanical Engineer
- Mechanical Engineer
- Mechanical Engineer
- Head Software Engineer
- Software Engineer
- Fabricator

**Years of Joining**
- Isaac Sin Wai Teng: 3
- Ada Leong Weng Sam: 3
- Bona Lam Iat Long: 3
- Ryan Chan Pou Ut: 3
- Thomas Lei Chon Weng: 5
- Chester Lou Hou Hei: 1
- Ryan Chan Chon In: 3
- Edward Lei Kuok Lon: 3
- Julio Da Silva Nogueira: 3
- Smith: 5
- Ricky Vu Kun Seng: 5
- Ardith Ho Wai Man: 1
- Chloe Kwok Ka Kio: 3

**Working Hours**
- 2800
- 1400
- 600
- 2800
- 1400
- 1000
- 800
- 800
- 600
- 800

**Total Working Hours** -- 14600

**School Name**
- Macau Anglican College

**Company Name**
- Fish Logic

**Region**
- Macao SAR

**Distance Traveled to the Competition**
- 5.4 km (telepresence to local swimming pool)

**History of MATE Competition Participation**
- Returning

**Range of Grade Levels of Team Members**
- Grade 11 to Year 4

**Mentors**
- Mr. Andy Tsui, Mr. Ryan Ip & Mr. Joshua Ho

**Dimensions**
- 470mm
- 500mm
- 480mm

**Weight**
- 10.93Kg