CMA SECONDARY SCHOOL
CMA UNDERWATER EXPERT LTD.
8-Year MATE International ROV Competition Participant
8-Year Ranger Class Competitor

SPECIFICATION WORKSHEET

ROV SPECS

ROV Name
Iota

Primary Construction
Material(s)
High Density Polyethylene (HDPE)

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

Total Weight
11.3kg

Total Cost
USD 12,447.16c

SAFETY FEATURES

- No sharp edges
- Hazard warning stickers labeled on all moving parts
- A 25 Amp in-line fuse placed in electrical system
- Voltmeter, ammeter and emergency stop button installed in Electrical Distribution Control Panel
- Tether is covered for protection
- A 7.5 Amp fuse for Micro-ROV
- All propellers meted IP-20 standards

SPECIAL FEATURES

- Mission-oriented with two manipulators
- Quickly detachable mechanism
- Interchangeable subframe for task completion

OUR CREW

<table>
<thead>
<tr>
<th>NAME</th>
<th>TITLE</th>
<th>GRADE</th>
<th>HISTORY</th>
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<tbody>
<tr>
<td>Samuel HUI</td>
<td>CEO, Mechanical Engineer</td>
<td>Grade 11</td>
<td>Returning</td>
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<tr>
<td>Terry AU</td>
<td>Secretary, Electrical Engineer,</td>
<td>Grade 10</td>
<td>Returning</td>
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<td></td>
<td>Technical Writer</td>
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<tr>
<td>Candy LEE</td>
<td>CFO, Marketing Executive</td>
<td>Grade 10</td>
<td>New</td>
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<tr>
<td>Jacky MA</td>
<td>Mechanical Engineer, Troubleshooter</td>
<td>Grade 11</td>
<td>Returning</td>
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CMA Underwater Expert Ltd. Team photo