"ERROR"

**ROV FEATURES**
- Dimensions: width 30cm, height 31cm, length 57cm
- Weight: 13kg
- ROV Total Cost: $5854.00
- 312 working hours

Materials included: PVC frame, 3D printed plastic filament

**SPECIAL FEATURES**
- Custom designed PVC frame
- 4 Seabotix thrusters
- 4 cameras for maximum viewpoints
- Custom built manipulator
- Onboard electronics

**SAFETY FEATURES**
- 30 Amp fuse within 30 cm of power on positive line
- Main power shut-off switch
- All compounds are waterproofed
- 3D printed guards on all thrusters, front and back
- Warning labels on all moving parts
- Custom designed tether restraint

**ABOUT US**
404 Engineering was established in 2019 by a group of alumni from North Paulding Robotics. Our team members have been building ROVs and competing in the MATE ROV Competition for over 8 years. Ranging from Freshman to Juniors at Kennesaw State University, we are excited to participate in the Explorer class for the first time.

**MEET OUR TEAM**

Glen Lewis
CEO, Pilot, Lead Electrical Engineer

Michael Lees
Director, Props Mgr., Lead Software Engineer

Ben Buzzelli
CFO, Tether Mgt., Electrical Engineer

Spencer Hood
Safety Officer, Co-Pilot, Mechanical Engineer

**COMPETITION HISTORY**
2019, 2018, 2017
MATE World Competition
Ranger class

2019 MATE Ranger Class Engineering Presentation Award

2015-2019
MATE Gray’s Reef Regional Competition
Ranger, Navigator and Scout class

Kennesaw State University    |     404 Engineering    |     2021 MATE World Competition     |     Explorer Class