

Subsea Performance Efficiency in Robotic Applications

Materials List

Total Cost		
Stage 1	\$	642.18
Stage 2	\$	395.07
	\$	1,037.25

Element

Description

Stage 1

In this stage, the primary goal is to establish connections and program communications with the motors, boards, and ESCs. For this reason, the elements necessary to construct the framing, shell, and other external elements are not included. At the completion of this stage, a bare-bones electrical setup should be ready for implementation with stage 2.

Stage 2

This stage will commence after the motors and boards have been programmed, and there is consistent communication with low latency between all electrical elements. The goal of this stage is to construct the externals of the ROV which will house the electrical components, and prepare the unit for sea trials.

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