

## Cost of Mini Underwater Robots

| Supply  | Cost per 1 | How Many? | Link  | Supply Type | Total per supply |                    |   | Total For 1 Robot   |  |  | General Supplies That Can be Used For more than one Robot | Cost   | Link  |
|---|------------|-----------|---|-------------|------------------|--------------------|---|---------------------|--|--|---|--------|---|
| Motors with propellor can be cw or ccw - comes with metal connector piece | 16.49      | 3         | <a href="https://www.ama.com">https://www.ama.com</a>             | Movement    | 49.47            |                    | ☑ | 120.8               |  |  | Hookup wire   | \$21   | <a href="https://www.ama.com">https://www.ama.com</a>             |
| 10 ft 1/2 inch PVC pipe   | 4.71       | 1         | <a href="https://www.homedepot.com">https://www.homedepot.com</a> | Frame       | 4.71             | Need to precut     | ☑ |                     |  |  | Netting   | Owned  |   |
| 6 Pin ON/Off/ON Switch  | 8.99       | 3         | <a href="https://www.ama.com">https://www.ama.com</a>             | Electronics | 26.97            | Need to presolder  | ☑ |                     |  |  | Hot Glue  | \$7.97 | <a href="https://www.ama.com">https://www.ama.com</a>             |
| 1/2 in PVC Elbow SxS  | 0.67       | 10        | <a href="https://www.homedepot.com">https://www.homedepot.com</a> | Frame       | 6.7              | Need to drill hole | ☑ |                     |  |  | Drill   | Owned  |   |
| 1/2 in PVC T piece SxSxS  | 0.79       | 4         | <a href="https://www.homedepot.com">https://www.homedepot.com</a> | Frame       | 3.16             |                    | ☑ |                     |  |  | Screwdriver   | Owned  |   |
| Switch Box  | 10         | 1         | <a href="https://www.ama.com">https://www.ama.com</a>             | Movement    | 10               | NEED TO MEAS       | ☑ | Need To drill holes |  |  | Heat Shrink   | \$7    | <a href="https://www.ama.com">https://www.ama.com</a>             |
| Battery Box   | 1.21       | 1         | <a href="https://www.ama.com">https://www.ama.com</a>             | Electronics | 1.21             |                    | ☑ |                     |  |  | Solder  | \$9    | <a href="https://www.ama.com">https://www.ama.com</a>             |
| 9V battery  | 1.42       | 1         | <a href="https://www.ama.com">https://www.ama.com</a>             | Electronics | 1.42             |                    | ☑ |                     |  |  | Heat Shrink Solder Connectors                             | \$22   | <a href="https://www.ama.com">https://www.ama.com</a>             |
| Power Connector wire  | 0.16       | 1         | <a href="https://www.ama.com">https://www.ama.com</a>             | Electronics | 0.16             |                    | ☑ |                     |  |  | Soldering Iron  | Owned  |   |
| ROV Tether 16 ft  | 17         | 1         | <a href="https://www.ama.com">https://www.ama.com</a>             | Movement    | 17               |                    | ☑ |                     |  |  | Zipties   | \$17   | <a href="https://www.ama.com">https://www.ama.com</a>             |
|   |            |           |   |             | 0                |                    |   |                     |  |  | Pool Noodles  | \$1    | dont buy online   |
|   |            |           |   |             |                  |                    |   |                     |  |  | Waterproofing Putty                                       | 11     | <a href="https://atlas-science.com">https://atlas-science.com</a> |
|   |            |           |   |             |                  |                    |   |                     |  |  | Hot Glue Gun  | Owned  |   |
|   |            |           |   |             |                  |                    |   |                     |  |  | PVC Cutter  | Owned  |   |