

**TABLE 1: COST ANALYSIS OF STRUCTURAL COMPONENTS**

<b>Component</b>	<b>Unit Cost(BDT)</b>	<b>Quantity</b>	<b>Subtotal(BDT)</b>
Silicone	2980/kg	1.75kg	5215
3D Print (Mold)	2500	1	2500
3D Print (Frame, Canister, Hook)	940	12	11280
Laser Cutting (Faceplate)	175	12	2100
Shaft (Mild Steel)	35	12	420
Screw (3-mm)	1.75	150	260
Cord Screw	5	15	75
Nut Bolts (Big)	25	6	150
Nut Bolts (Small)	6	15	90
Glue (B7000)	150	2	300
Glue (Epoxy)	120	5	600
Hard Board (Rack)	---	---	150
Total Cost			23140

**TABLE 2: COST ANALYSIS OF ELECTRICAL COMPONENTS**

<b>Component</b>	<b>Unit Cost(BDT)</b>	<b>Quantity</b>	<b>Subtotal(BDT)</b>
Arduino Mega 2560 R3	1788	1	1788
Motor Driver 43A BTS7960	420	6	2520
High Torque DC Gear Motor			
12V 100RPM 25GA	750	12	9000
Jumper Wires	95	3	285
Battery	75	1	75
Lipo Battery 3300mAh 7.4V	2750	1	2750
2S			
Wire	---	---	150
Total Cost			16568

**TABLE 3: COST ANALYSIS OF BUOYANCY CONTROL COMPONENTS**

<b>Component</b>	<b>Unit Cost(BDT)</b>	<b>Quantity</b>	<b>Subtotal(BDT)</b>
Weights (1kg)	80	2	160
Weights (500g)	40	6	240
Total Cost			400

**TABLE 4: COST ANALYSIS OF WATERPROOFING COMPONENTS**

<b>Component</b>	<b>Unit Cost(BDT)</b>	<b>Quantity</b>	<b>Subtotal(BDT)</b>
Polythene	411	1	411
Sealant	200	3	600
O-Ring (Small)	2.5	16	40
O-Ring (Large)	6	15	90
Glue Stick	20	5	100
Mobil	300/1L	500mL	150
Grease (400g)	150	1	150
Thread Tape	20	8	160
Double Sided-Tape	40	2	80
Scotch Tape (Large)	40	1	40
Scotch Tape (Small)	10	3	30
Electrical Tape	20	3	60
Foam	20	6	120
Epoxy	150	2	300
Total			2331

**TABLE 5: SUMMARY OF OVERALL COST**

<b>Category</b>	<b>Total Cost(BDT)</b>
Structural	23140
Electrical	16568
Buoyancy Control	400
Waterproofing	2331
Miscellaneous (Transport, Shipping etc)	920
Total	43359