

Category	Material	Specifications	Quantity	Price per piece	Price	Availability	Comments	Status
Water supply and control	Water Pump	12v	1	1349	1349	<a href="#">Amazon</a>	is it ok for 3feet robot	
	Water Pipe	0.5 inch	1 (5m)	400	400	<a href="#">Amazon</a>	is it ok for 3feet robot	
	Solenoid Valve	0.5 inch in-out dia 12v	1	299	299	<a href="#">Amazon</a>	is it ok for 3feet robot	
	Lead screw	42cm	1			Manufacturing Lab		
	servo motor	4.2 kg-cm NEMA 17 Stepper Motor	1	695	695	<a href="#">Amazon</a>	Johnson Geared Motor 30 RPM 12v dc gear	
	ball bearings	inner dia = dia lead screw	2			Manufacturing Lab		
	Other linkage (rectangle Assembly)		1			Manufacturing Lab		
Controlling	2 Motor for drive	Johnson Geared Motor 30 RPM 12v dc gear	2	675	1350	<a href="#">Amazon</a>	is it ok for 3feet robot	
	Arduino		1	419	419	<a href="#">Amazon</a>		
	L293D		1	280	280	<a href="#">Amazon</a>		
	Bluetooth module		1	327	327	<a href="#">Amazon</a>		
	IMU		1	280	280	<a href="#">Amazon</a>		
	Switch		1 (pack of 5)	119	119	<a href="#">Amazon</a>		
	Wires		1	189	189	<a href="#">Amazon</a>		
	Battery	12v + 24v + 9v	1 (pack of 10) 12v	399	399	<a href="#">Amazon</a>		
Camera	Cam Module		1	949	949	<a href="#">Amazon</a>		
	L298n		1	240	240	<a href="#">Amazon</a>		
	Dual Axis Pan/Tilt Assembly with servo		1	550	550	<a href="#">Amazon</a>		
Chassis	8 wheels	10cm dia	8	659 for 4wheels and 48inch rubber track	1977	<a href="#">Amazon</a>	is it ok for 3feet robot	
	Rubber tracks	124 inch x 2.5cm	1					
	Metal rods	-				Manufacturing Lab		
	ball bearing	6				Manufacturing Lab		
	Screws nut and bolt	-				Manufacturing Lab		
Safety Budget	miscellaneous cost				2000			
				Total	11822	Without adding Manufacturing Lab's materials cost		