

OTW (On The Way)
 Claret School of Quezon City
 Members: FLORES, LANZUELA, LLORENTE

BILL OF MATERIALS

Project Title:			SelfDriving Car		
Part No.	Description	Qty.	Unit	Price/Unit	Total Cost
1	1106.3226mm ² Car Chassis - 1 Filament PLA (70% Infill)	1	Area	1,200.00 PHP	1,200.00 PHP
2	5x200mm Shaft Rod - Stainless Steel	1	Area	83.50 PHP	83.50 PHP
3	5mm Hexagonal Coupler - Brass	2	Diameter	24.50 PHP	49.00 PHP
4	MR149ZZ - Ball Bearing	2	N/A	18.00 PHP	36.00 PHP
5	68mm RC Tires - Plastic	4	Diameter	155.50 PHP	622.00 PHP
6	DFRobot Arduino UNO R3 - Microcontroller	1	N/A	55.00 PHP	55.00 PHP
7	12V, 12.8Ah 3S2P 18650 - Lithium-Ion Battery	1	Voltage, Ampere-hour	592.00 PHP	592.00 PHP
8	43A BTS 7960 - Motor Driver	1	Ampere	299.00 PHP	299.00 PHP
9	DFRobot Huskylens AI - Camera	1	N/A	3590.00 PHP	3590.00 PHP
10	12V, 188 RPM SGM25-370 - DC Gear Motor	1	Voltage, RPM	299.00 PHP	299.00 PHP
11	FS90 Micro Servo - Servo Motor	2	N/A	282.00PHP	564.00PHP
12	HC-SR04 - Ultrasonic Sensor	3	N/A	50.00 PHP	150.00 PHP

13	400 Tie Points - PCB Half Breadboard	1	Tie Points	55.00 PHP	55.00 PHP
14	Male to Male - Jumper Wire	11	N/A	46.00 PHP	46.00 PHP
15	Male to Female - Jumper Wire	22	N/A	43.00 PHP	43.00 PHP
16	M2 Countersunk Flat Head - Phillips Screw	23	Diameter	2.00 PHP	46.00 PHP
17	M3 Countersunk Flat Head - Phillips Screw	16	Diameter	2.00 PHP	32.00 PHP
18	M3 Non-Countersunk - Phillips Screw	2	Diameter	1.00 PHP	2.00 PHP
19	M3 Hexagonal Nut - Brass	4	Diameter	1.00 PHP	4.00 PHP
20	Stainless Screw for Tires	2	N/A	5.00 PHP	10.00 PHP
21	Popsicle Stick	3	N/A	2.00 PHP	6.00 PHP
22	3x200mm Ziptie	16	WxL	26.00 PHP	26.00 PHP
23	Cardboard cut-out	1	N/A	0.00 PHP	0.00 PHP
24	Paper cut-out	1	N/A	0.00 PHP	0.00 PHP
25	USB Power Bank	1	N/A	0.00 PHP	0.00 PHP
					7,809.50 PHP