UGV Deliverables

S.No.	Particulars	Qty	Remark	Est. Price (per Qty)
1	24 Gauge Gi- Sheet	2	For Metallic chasis	600
2	Metallic Robotic Gripper	1	For Robo arm	1199
3	Welding , cutting and fabrication charge	-	For Fab Workshops	600
4	MG996R Digital Metal Gear Servo Motor	4	For Robotic Arm	425
5	16 Channel PWM Servo Motor Driver I2C Module	1	For precision	299
6	Ebike MY6812 120W 12V 3350RPM DC Motor	4	For movemement of vehicle	2000
7	Orange ICR 18650 2200mAh 22F Lithium-Ion Battery	16	For Powering the system	180
8	XL6009 DC – DC Step-up converter performance ultra LM2577 booster circuit board	1	For boosting	120
9	Motor Shield	1	Motor driver	500
10	Arduino Mega 2560 Dev Bard	1	Development board	900
11	Plastic track + wheel and bearing	1	Movement	1500

12	esp8266-Wifi Module	1	Sending Data	**300**
13	Copper coil	1	Detection	**600**
14	RC Controller and reciever	1	For Communication	**3000**
			Total Amount (Estimated) (Excluded extra cost)	**20,923**
			Quoted amount	**30,000**

Project overall timeline : 30 Days (Implementation + testing)

ManHour : 540 hours (tentative)

Team Members Included :

1. *Nirmal Ram (Hardware + software)*
2. *Astle John   (communication + Power)*

Team Members (pineapplem3 Inc) :

1. *Prasoon Kottarathil (A.I part)*
2. *Mohammed Faseen (Software)*
3. *Sonu Sebastian (Software + Documentation)*
4. *Namitha Gopinath (Software + Documenation)*