

## Electronics & Core Components

Table 1: Electronics and Core Components for Fixed-Wing UAV

Item	Quantity	Cost (NRs)
FLYSKY Receiver	1	8000
30A ESC Skywalker	1	2000
Flight Stabilizer (NXE4 EVO)	1	4500
1000KV Brushless Motor	1	800
MG996 Metal Gear Servo	4	3040
2200mAh 3S LiPo Battery	1	3150
Buck Module Voltage Regulator	1	550
Raspberry Pi with USB Camera and HDMI Cable	1	TBD
Raspberry Pi USB Camera and HDMI Cable	1	TBD

## Frame & Construction Materials

Table 2: Frame and Construction Materials for Fixed-Wing UAV

Item	Quantity	Cost (NRs)
Depron Sheet	4	10 000
Aluminum Motor Mount (L-shape)	1	150
Push Rod (1m)	2	400

## Miscellaneous Accessories

Table 3: Miscellaneous Accessories for Fixed-Wing UAV

Item	Quantity	Cost (NRs)
Hot Glue Gun Stick	10	200
Duct/Binding Tape	3 rolls	300
XT60 Connector Pair	2	500
3-Pin Orange Connector Pair	4	60
Servo Wire Cable (5m)	1	75
Propeller (7x5 inch)	4	300
Bullet Propeller Holder Adapter	1	170
Jumper Wire (MM, MF, FF, each 5)	15	30