ESTIMATED BUDGET

DESCRIPTION: Budget estimate for building a full real world <u>industrial level</u> AUV

DESCRIPTION	AMOUNT
Arduino,ESP32 (Mega, ESP32)	₹5000
Raspberry PI (Model 4)	₹7000
Temperature Sensor (DS18B20)	₹300
Pressure Sensor (Gravity Analog Water Pressure Sensor)	₹3000
Ph Sensor (Gravity: Analog pH meter/sensor)	₹2500
Water Quality Sensor (Turbidity Sensor)	₹1800
Communication Module	₹???
Batteries for controllers (4v/5v/6v lead acid battery)	₹5000
Batteries for turbines (12v/24v lead acid battery)	₹15000
Underwater Camera	₹???
Motors-Turbines & ESCs (T200 Thruster) x1 //need 3	₹20000
GPS module (NEO-6M GPS Receiver Module)	₹700
Sonar	₹40000
Misc. (Wires/cables, Pipes, Other hardware components)	₹40000

TOTAL	₹180,300+