

Category	Component / Service Description	Quantity	Unit Price (₹)	Total (₹)
Hardware				
Microcontroller Unit	ESP32-WROOM-32 (WiFi + Bluetooth Module)	1	390	390
Sensors & Input	Flex Sensor (2.2 Inch, Bend Sensitive)	1	250	250
Sensors & Input	MPU6050 (6-Axis Gyroscope/Accelerometer)	1	Client Supplied	0
Power Management	Transformer (9-0-9, 500mA Step-Up)	1	200	200
Power Management	Hi-Watt 9V Battery + Snap Connector	2	40	80
Power Management	LM2596/Buck Converter (Voltage Regulator)	1	60	60
TENS Driver Circuit	TIP122 Darlington Transistor + Heatsink	1	50	50
TENS Driver Circuit	IRFZ44N MOSFETs (High Current Switching)	3	30	90
TENS Driver Circuit	PC817 Optocoupler (Isolation IC)	3	10	30
TENS Driver Circuit	NE555 Precision Timer IC + Base	1	45	45
TENS Driver Circuit	Protection Diodes (1N4007) & Capacitors	Lot	-	100
UI & Controls	Potentiometers (10k Linear) with Knobs	3	40	120
UI & Controls	Toggle Switches (SPST On/Off)	2	25	50
UI & Controls	Active Buzzer Module	1	Client Supplied	0
Enclosure & Connectivity	Custom Plastic Enclosure Box	1	180	180
Enclosure & Connectivity	Zero PCB (High Quality Perfboard)	3	40	120
Enclosure & Connectivity	GX12 Aviation Connectors (4-pin & 2-pin)	2	72.5	145
Enclosure & Connectivity	Banana Jacks (4mm Socket)	4	30	120
Enclosure & Connectivity	DC Power Socket (Female)	1	40	40
Consumables	Solder Wire, High-Gauge Wiring, Glue, Tape	Lot	-	280
Services				
Service Category	Circuit Design & Assembly	1	1,500.00	1,500.00
Service Category	Firmware Development	1	1,000.00	1,000.00
Service Category	IoT Cloud Integration	1	850	850
Summary				
TOTAL PROJECT COST Hardware + Services				5,700.00
Advance Received				-1,500.00
				4,200.00