

Budget for the construction of a single unit Road-Vehicle Flood Level Monitoring Device

S/No.	ITEM/DESCRIPTION	PRICE PER UNIT (N)	No. OF UNIT	TOTAL (N)
1.	Bipolar Junction Transistors (C945).	N3,510.00	6	N21,060.00
2.	Bipolar Junction Transistors (C1815)	N125.00	10	N1,250.00
3.	Light emitting Diodes (LED indicator lights)	N100	200	N20,000.00
4.	Resistors (100 Ω)	N5,100.00 for a pack of 100 pieces	1	N5,100.00
5.	Resistors (220 Ω)	N4,450.00 for a pack of 100 pieces	1	N4,450.00
6.	Resistors (10 k Ω)	N5,430.00 for a pack of 10	1	N5,430.00
7.	Capacitors (100 μ F)	N3,950.00 for a pack of 10 pieces	1	N3,950.00
8.	Relay (10ADC, 12 V, 400 Ω)	N4,910.00	6	N29,460.00
9.	Speaker (Electric Buzzer)	N2,480.00	1	N2,480.00
10.	SIM900D	N7,500.00	1	N7,500.00
11.	SIM card	N1,700.00	3	N5,100.00
12.	Arduino UNO	N12,520.00	1	N12,520.00
13.	PCB board	N2,000.00 for each	10	N20,000.00
14.	Water filter gauze	N55,550.00 fabricated	3	N166,650.00
15.	Plastic Casing for water column and Packaging the device	N256,000.00 Molded plastic	1	N256,000.00

16.	Water sensor copper wire probes	N25,450.00	5	N127,250.00
17.	Galvanized mild steel pipe framework 5 inches by 3 m	N55,000.00	1	N55,000.00
18.	Research Assistant stipend	N150,000.00	2	N300,000.00
19.	Local Transport in Lagos	N100,000.00		N100,000.00
			Sum Total	N1,143,200.00