

FUNCTIONAL ELECTRICAL STIMULATOR FOR REHABILITATION AND MOVEMENT RESTORATION IN THE LOWER LIMBS

BUDGET (Break down by activity/line item)

Item	Quantity	Cost Per Unit (NGN)	Total (NGN)	Remarks
Personal Cost Principal Investigator	1	15,000/month	180,000	Monthly Honorarium for the PI and Co-Researchers at 15,000 monthly for PI and 10,000 monthly for Co-r-Researchers. Total duration is 12 months.
Co-Researchers	2	10,000/month	240,000	
Raspberry Pi Controller	2	155,000/unit	310,000	Microcontroller as the control unit of the proposed system
National Instruments USB-8451 Data Acquisition Card, NI DAQ DIO NI USB-8451 USB8451 And Shipment	2	NGN343,434.14 + NGN50000	786,868.28	Analog to Digital Converter (DAC) and Digital to Analog Converter (ADC)
Electronics Work Station and Digital Multi Meters	1	368,000	368,000	As the work station for the project
Work Station Monitoring/Server Station Desktop (Pentium 5 HP Desktop	1	355,000	355,000	Computer Dedicated at Monitoring Room as Server
Local Conference and workshop	2	240,000	480,000	For attending 1 local conference and 1 Local Workshop
AnyConnect IOT Visual Platform Subscription	1	492,000	492,000	IOT platform for real time monitoring
Electronics Components, Sensors and Actuator pack	1	120,000	120,000	Sensors and Actuators for the proposed system
Medical Manufacturing Snap Self Adhesive Disposable Electrode Patch Pads Ecg Electrodes	20 Packs	8,500	170,000	Electrodes for the Stimulation
2 KVA Inverter	1	360,000	360,000	Converting Back-up DC Power to AC
200AH Battery	2	310,000	620,000	Back-up Batteries
60A Charge Controller	1	50,000	50,000	Controlling the Charging current
300Watt Panel	6	95,000	570,000	For charging the Battery
Total	NGN 4,811,868.20			