

## **Proposed Budget for PS-DRCD Project**

**Total Estimated Budget: ₦70,000,000**

**Duration: 18 months**

### **1. Research & Development (₦20,000,000)**

- Design & simulation software licenses → ₦5,000,000
- Electronic components (GPS modules, biometric sensors, IoT boards) → ₦8,000,000
- Encrypted communication system development → ₦4,000,000
- Laboratory consumables & testing materials → ₦3,000,000

### **2. Prototype Development (₦15,000,000)**

- PCB fabrication & assembly → ₦6,000,000
- Device casing (rugged design, 3D printing, molding) → ₦3,000,000
- Battery & power management units → ₦2,000,000
- Integration & debugging (hardware + software) → ₦4,000,000

### **3. Field Testing & Validation (₦10,000,000)**

- Pilot deployment with Nigerian Armed Forces (simulation exercises) → ₦5,000,000
- Data collection & analysis (performance monitoring) → ₦3,000,000
- Safety certification & defense compliance tests → ₦2,000,000

### **4. Dashboard & Command Software Development (₦8,000,000)**

- Secure GIS-enabled dashboard development → ₦4,000,000
- Encryption protocols & cloud integration → ₦2,500,000
- User interface & software testing → ₦1,500,000

### **5. Intellectual Property (IP) & Legal (₦3,000,000)**

- Patent filing & trademark protection → ₦2,000,000
- Legal & regulatory compliance costs → ₦1,000,000

**6. Commercialization & Production Planning (₦7,000,000)**

- Market analysis & business development → ₦2,000,000
- Engagement with DICON & NASENI for scale-up → ₦3,000,000
- Marketing materials & stakeholder workshops → ₦2,000,000

**7. Personnel & Capacity Building (₦5,000,000)**

- Research assistants, engineers, and support staff → ₦3,500,000
- Training workshops & defense collaboration meetings → ₦1,500,000

**8. Contingency (₦2,000,000)**

- Unforeseen expenses, component price fluctuations.

**Budget Summary Table**

Budget Category	Amount (₦)
Research & Development	20,000,000
Prototype Development	15,000,000
Field Testing & Validation	10,000,000
Dashboard & Command Software	8,000,000
Intellectual Property & Legal	3,000,000
Commercialization & Production Planning	7,000,000
Personnel & Capacity Building	5,000,000
Contingency	2,000,000
<b>Total</b>	<b>70,000,000</b>