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We Simplify. We Automate. We make life better

Proposal for Robotics & Artificial Intelligence Solutions

This proposal outlines the design, development, deployment, and maintenance of advanced **Robotics and Artificial Intelligence (AI)** solutions aimed at automating processes, enhancing productivity, and enabling intelligent decision-making across industries.

Overview

Our Robotics and AI solutions integrate intelligent software, embedded systems, and physical automation to deliver scalable, secure, and future-ready systems for organizations, institutions, and enterprises.

Scope of Robotics Solutions

- Autonomous and semi-autonomous robotic systems
- Robotic arms for industrial and object manipulation
- Service and assistive robots
- Educational and research robots
- IoT-enabled robotic control systems
- Remote-controlled and AI-assisted robots

Scope of Artificial Intelligence Solutions

- Machine Learning and Predictive Analytics
- Computer Vision (Face, Object & Pattern Recognition)
- Natural Language Processing (Chatbots & Voice Systems)
- AI-powered automation and decision systems
- Anomaly detection and intelligent monitoring
- AI integration with enterprise and robotic systems

Technologies & Tools

- **Embedded Software:** C++
- **Backend Development:** C# (.NET Core APIs)
- **AI / ML:** Python, TensorFlow, PyTorch, OpenCV
- **Robotics Frameworks:** Arduino, Raspberry Pi, ROS (Robot Operating System)
- **Frontend & Dashboards:** React.js
- **Database:** Microsoft SQL Server

- **Infrastructure:** AWS / Azure (Windows Server)

Implementation Timeline

> Requirements gathering, system design, development, testing, and pilot deployment (MVP) will be completed within **2 – 4 months**, depending on system scope and complexity.

Pricing Structure

Solution Category	Estimated Cost (₦)
AI Software Systems (No Hardware)	₦3,000,000 – ₦7,000,000
Educational / Research Robotics	₦5,000,000 – ₦12,000,000
Service & Assistive Robots	₦8,000,000 – ₦20,000,000
Industrial / Autonomous Robotics	₦15,000,000 – ₦50,000,000+

Final pricing is determined by hardware requirements, AI model complexity, data training needs, system integrations, and deployment scale.

Maintenance & Support

- Monthly maintenance & monitoring: From ₦300,000
- Annual maintenance (discounted): From ₦3,000,000

Maintenance includes system updates, performance optimization, AI model improvements, and technical support. Hardware replacement and cloud renewals are excluded.

Conclusion

Our Robotics and Artificial Intelligence solutions empower organizations to embrace intelligent automation, reduce operational inefficiencies, and achieve sustainable technological growth.

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