

FEASIBILITY STUDY REPORT ON GASOLINE – POWERED MACHINE FOR THE PRODUCTION OF KOKORO SNACK

Project title: Gasoline – Powered Machine for the Production of Kokoro Snack

Applicant: The Federal Polytechnic, Ilaro

Location: Ilaro, Ogun State.

Total Project Budget: #6,500,000 (Six million, five hundred thousand naira)

Funding/ Support Sought: Grant/ Loan facility

Date: October, 2025

Prepared for: NASENI – for indigenous manufacturing, technology transfer and cottage – industry expansion

EXECUTIVE SUMMARY: The Federal Polytechnic Ilaro vision and mission statement is to produce graduate that are skillful and industry- ready who can successfully fit in and drive the industrial and manufacturing sector of the economy by providing the needed manpower for the production of goods and services. The designed and fabricated gasoline- powered for the production of kokoro snacks will promote indigenous technology and boost the daily consumption of snacks produced from blended maize cultivated locally, stem hunger among the teeming populace. This project aligns with the NASENI's mandate to promote science- engineering development, product design, value- chain addition, technology promotion and industrialization in Nigeria.

Key Goals: The key goals are:

- Industrialization
- Employment generation
- Local content promotion
- National GDP boosting
- Food sufficiency
- innovation promotion

Key Highlights:

- Machine capacity: 1,000 kg/hr
- Investment outlay: #6.5m
- Employment: 150 plus

STRATEGIC ALIGNMENT WITH NASENI

Mandate fit: NASENI's mission statement is to develop and maintain a dynamic science and engineering infrastructure to drive indigenous industrialization, job creation and national progress