

Nwaohiri Emmanuel Chukwuemeka
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ELECTRICAL/ELECTRONICS
AFE 202
FOOD PRODUCTION AND HEALTH AWARENESS

INTENSIVE PIG FARMING

CONTENT OF FEASIBILITY REPORT

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Executive Summary/Brief Description of the Project

The farm will acquire and nurture 150 female and 100 male pigs .The maturity period for this project is 3 months after which exportation of product will commence.This project will ensure that many Nigerians eat healthy Pigs ,devoid of diseases and infections. It will also provide many job opportunities and impact the economy positively. Finally,it will generate a good and healthy return of investment for our sponsors .

Market and sales

Market Orientation: South-West Africa

PROFITABILITY

Factors that can

affect profit include:

Unpredictable temperature surge

Pests and diseases

Fluctuation in market price

However, there is technical financial support available to hedge off or cushion this risks and project profile.

PROJECT TIMELINE

The project will be completed within 13 weeks. Preferably between May 2020 to August 2020, after which the first set of pigs will be ready to be pushed out to the market. Then there will be continuous production every week for 5 years (this will allow the payment of loan to be fixed on expenditure).

ESTIMATED PROJECT COST AND REVENUE

Fixed cost

Activity

Land clearing

Quantity of land = 4 Acres

Clearing = 30x4 =

120,000

Pen

There will be 20 stys

Each sty will house 12 pigs

Cost of each sty = 800,000

$$800,000 \times 20 = 16 \text{ million}$$

Cages

Each sty will have 25 modified cages

$$= 25 \text{ cages} \times 20 \text{ stys}$$

$$= 500 \text{ cages}$$

Cost of each cage = 20,000

$$500 \times 20,000 = 10,000,000$$

TASKS AND INDUSTRIAL

BOREHOLE Cost of industrial borehole = 600,000

1 Reservoir tank = 2,000,000

Distributed tanks and holders = 100,000 each = 2 million

Plumbing works = 400,000

EQUIPMENTS

EQUIPMENTS	QUANTITY	PRICE	TOTAL
Flat feed trough	600	400	240,00
Modified feed	1,500	500	900,00
trough(4 weeks and			
above)			
Modifies water	1500	600	900,00
trough			
Bell drinker	300	500	150,000
Coal pot			
Pick up truck	2	10,000,000	20,000,000
Storage facility	1	2,300,000	2,300,000
Cold room			
Generator	1	250,000	250,000

RECURRENT COST

	COST	QUANTITY
Drugs & vaccine	10,000,000	
Heating Coal	3,500,000	500 bags@3,500
Cost of feed per pig	800	
Day old piglet	300 per pig	10,000 per set

Estimated labour cost per month
=1,500,000

REVENUE

Each Kg will be sold at 900/kg

A 12 week old pig average weight is about 80kg

900×80

$=72000$
 0

40 pigs each week will be 72000×40

$=2,880,000/\text{week}$

FUNDING MECHANISM

Bank of Agriculture Abeokuta has agreed to loan us the sum of 11million at 5% interest for 6years. There will be a period of 7months before loans will be payable

All our fixed expenditure will be carried out with this loan . Olam Nigeria Limited will be responsible for the day old piglets ,vaccine and veterinary services.

CONCLUSION

The project is feasible, commercially viable and very profitable to all parties. It is therefore recommended for funding