

UNIVERSITY OF NIGERIA NSUKKA
FACULTY OF THE SOCIAL SCIENCES
DEPARTMENT OF PUBLIC ADMINISTRATION AND LOCAL
GOVERNMENT

TOPIC:

A BUSINESS PLAN OF A VEGETABLE FARMING
VENTURE

SUBMITTED IN PARTIAL FULFILLMENT OF THE COURSE

CEDR (342)

BY

NNAJI, PATIENCE

2015/204187

LECTURER: DR. (MRS).C. NWAOGA

JULY, 2017

BUSINESS PLAN

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PART I

1.0 EXECUTIVE SUMMARY

1.1 The following report and recommendations relate to the proposal by **NNAJI VEGETABLE FARM (NIGERIA)** to establish a VEGETABLE FARMING VENTURE.

1.2 The proposed project is to be fully implemented with an investment of N1 million (One million), made up of N600, 000 fixed capital and N400, 000 working capital.

1.3 The company's vision is "to be a VEGETABLE FARMING firm of choice, providing edible and fresh vegetable to discerning customers".

1.4 The proposed project will be located at Nsukka in Enugu State.

1.5 A ready market exists for the planned business, based on our market survey.

1.6 The financial projections reveal a good level of liquidity and stability. The projected turnover for 2010, 2011 and 2012 respectively is N1.5million, N1.8million and N2.16million. Profit after taxation in 2010 is N197, 000 increasing to N712, 985 in 2012

1.7 The funding requirement is N800, 000, as the promoter is committing N200, 000 to the project.

1.8 The company's competitive edge is the management's strong technical skills and knowledge of the industry.

1.9 The profitability indicators as extracted from the projections embodied in this plan are as follows:

Indicator	2010 N	2011 N	2012 N
Turnover	1,500,000	1,800,000	1,434,000
Gross Margin	900,000	1,400,000	1,434,000
Net operating profit	197,000	408,700	356,49
Return on Equity or Owner's contr. %	98.5	204.35	356.49
Return on Total Investment %	19.7	40.87	71.29

1.10 Conclusion and Recommendation

From the point of view of the analysis of our findings, the proposed project is found to be technically feasible, financially viable and economically desirable. • The project offers good investment benefits. We therefore, highly recommend it to be funded so that we can ensure its implementation.

PART II

2.0 BACKGROUND

2.1 Introduction

The planned Agricultural project - **NNAJI VEGETABLE FARM** is the result of strong industry and needs assessment studies undertaken in the South Eastern zone of Nigeria, particularly Enugu State by the promoter of this business (**NNAJI, PATIENCE**). The studies reveals that the demand for succulent crops and vegetable outfits by mainly the undergraduates, working class, etc. is high and going by the rapid influx and development of the place coupled with the presence of the University –University of Nigeria, Nsukka the environment is economically cashable.

2.2 Vision Statement

To be the most outstanding Vegetable Farming Venture in the South Eastern part of Nigeria, particularly Enugu.

2.3 Mission Statement

To produce quality/edible vegetables ranging from cucumber, tomatoes, lettuce, capsicum, red salad onions, cabbage, peppers, melons, sweet potatoes, parsley, etc; using the best agricultural practices possible.

2.4 Ownership of Enterprise

The Business is a sole-proprietorship business wholly owned and managed by Nnaji, Patience.

2.5 Legal Status

As a sole- proprietorship outlet, it is yet to be registered with the Nigerian government.

2.6 Location and Facilities

The business is sited at No. Shop 321 Nsukka market while the farm is at Odenigbo.

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2.7 Production/Service

- Sale of vegetables (mainly potatoes, melon, pepper and onion)
- Dressing of the vegetables for customers

2.8 Business Strategy

- To be known as the best vegetable farming venture that produces edible and quality vegetables (edible crop).
- To engage in at home delivery service with little or no charges based on the distance of the home.

2.9 Key Success Factors

- Enough vegetable -eating target markets i.e. students, working class, families and ultimately everyone.
- Our entrepreneurial qualities of decisiveness, self control, determination, ability to focus and trustworthy character are also our strength.
- Our entrepreneurial qualities of decisiveness, self control, determination, ability to focus and trustworthy character by the company; to keep knowledge of market need and quick ability to respond to them.
- Nnaji Vegetable Farm will introduce the idea of adding excellence to our other customer care services. For instance, friendly reception, smile, proper attention, etc.

PART III

3.0 MARKET AND CLIENTS

3.1 Nature and Size

Our business is solely managed by Mrs. Nnaji, Patience and she will employ at least six workers as staff i.e. the farm manager, two farm operators, one administrator, one service deliverer and one accountant doubling as a marketer too. Some of our product will be sold at the industrial area or at Nsukka market where we rented shop for our product sales. The agricultural industry is a lucrative business; it is one of the most viable business ventures in Nigeria and Nsukka in particular. Our outlet is capable of producing different varieties of vegetables in seasons hence, a budding business.

3.2 Target Market

The target market of Nsukka is very viable. The presence of the university with consequent influx of people from all parts of the country has provided for the Nnaji Vegetable Farm a large estimated target market of over 28,000; comprising of children, youths, adults and ultimately families.

3.3 Key Competitors and Players

The key competitors are very few because of the inadequate knowledge in the production of quality succulents and the absence of enriching vegetable fertilizers and the arid nature of the Nsukka soil. However, **Oma Vegetable Farm** and **Ikye Agro Ltd** are potential competitors.

Competition Analysis

Names of Competitors	OMA Vegetable Farm	IKYE Agro Ltd
Location of Business	304 Nsukka main Market.	314 Nsukka main Market
Product/services	Sale of vegetables	Sale of vegetables
Pricing strategy	5% higher	7% higher
What are their other strength	A good number of employees ranging from 10-15	A larger shop hence, two shops merged as one
What are their weakness	Produces only melon, pepper, vegetable crop and cucumber, have no delivery service and	No delivery service, incompetent staff, and only production and sale without dressing.

	negligence to customer care service	
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3.4 Service Delivery

Use of firm's delivery van.

3.5 Quality Assurance

The Nnaji Vegetable Farm promises a retrieval of bad/perished products.

3.6 Demand/Supply Analysis

Demand and Supply Analysis and Estimating the Initial Capacity

Details	Size (Number)
Potential Demand of dressed vegetables to be served at the market daily	1000
Less 30% existing competitors	700
Available Market (in the absence of expansion and very high entry wall)	
Less 10% due to possible expansion of competitors and entrant of new ones	900
Available Market	
Less 5% due to error in estimation	950
Available demand/Qualified Market/Demand Supply gap	
Initial Installed Capacity 60% of available demand (served market)	600

3.7 Technology

The technology required here are process technologies like:

- Borehole facility
- Barns and warehouse rooms
- Wheel barrow
- Generator
- Hoes, shovels, irrigation equipments, etc

While delivery service technology is

- Delivery van

3.8 Competitive Edge

The competitive edges of The Nnaji Vegetable Farm are as follow:

- Service delivery van
- Well equipped and trained staff
- Service delivery services
- Top notch customer care services
- And also the Selling of vegetable seeds/seedlings to other farmers

PART IV

4.0 MARKETING PLAN

4.1 Promotion and Distribution Strategy

- Distributorship: distributing our products to our potential customers on request basis.
- Sales depot: we shall create a room for sales in the university campus for those who may not come to the Nuskka main market.
- Open market: our proposal has a vision to have many shops at and outside the market where we shall be marketing our products to increase sale and turnover.
- Opening of website for the business promotion
- Promotion of the business through our staff promoters

4.2 Alliances

There are no alliances since it is a solo-proprietorship business except for the market union.

4.3 Market Positioning

The market positioning is SQUARE i.e.

- Satisfactorily service delivery
- Quality product
- Unequal Customer friendliness
- Activeness
- Readily available support system/Reassurance and
- Energetic staff

4.4 Service Delivery Strategy

The service delivery strategy is the use of the firm's website and delivery van in the delivery of products and even services like information on readily available vegetables, and collection of payments from debtors etc.

4.5 SWOT Analysis

SWOT analysis carried out in the business reveals the following:

Strength:

- Delivery van
- New and latest Feed and Supplement
- Quality staff
- Customer care oriented services

Weakness:

- Low running/operating capital due to staff and new arrival to the industry
- Negligence, lateness and absence from farm operators due to smell of excreta in the farm.

Opportunities:

- Large target market
- High demand for market hogs from restaurants and local eateries aka. “Point and Kill”
- Market for vegetable remnants that serve as feed to the agro-allied farms.

Threats:

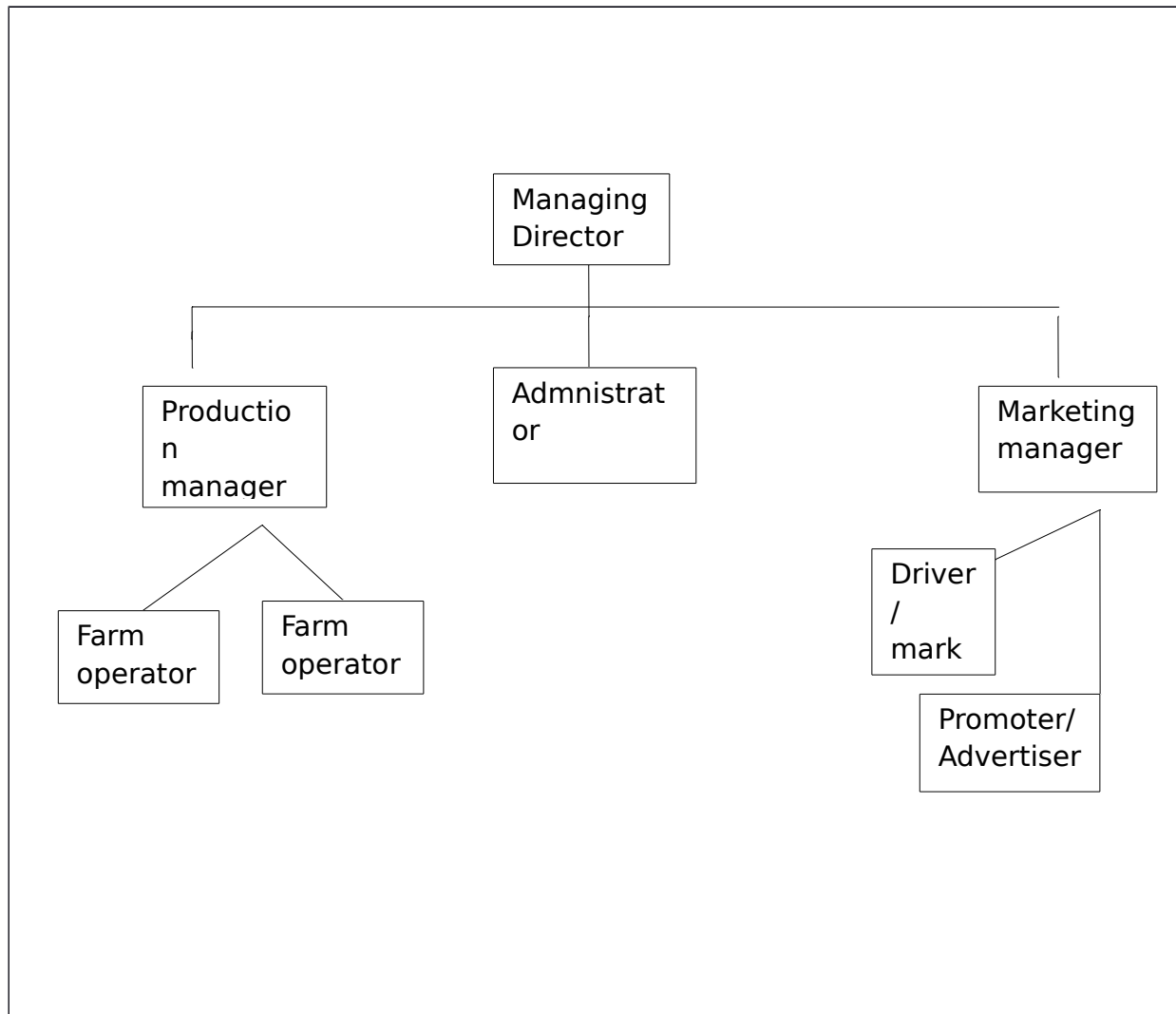
- Thugs and hoodlums theft and disturbance
- Excessive payment of dues and levies at the Nsukka main market
- Activities of competitors like Oma Vegetable Farm and Ikye Argo Ltd that is already established.
- High cost of vegetable seeds/seedlings, fertilizer and others
- Diseases Outbreak/Epidemic/insects infestation

PART V

5.0 ORGANISATION AND MANAGEMENT

5.1 Organizational Structure

Organizational Structure of Nnaji Vegetable Farming Venture



5.2 Personal Plan

My personal plan is to see to the adherence of this business plan by every aspect and unity of this firm in order to ensure productivity and materialization of the written and estimated goals and objectives.

5.3 Shareholders and Directors

From the time commencement, there will be neither shareholders nor directors

5.4 Value and Norms of the Company

Nnaji Vegetable Farm has the following Value and Norms upon which she chooses to thrive on:

- To offer the best of vegetable to customers
- To uphold high integrity
- To uphold qualitative standards in all aspects
- To see to her employees as her most valuable assets
- To give out-of –the world customer care services.

5.5 Management Team

The management of the outfit is relatively small since it is a budding business and a sole-proprietorship. I, Miss. Linda will remain the manager of the firm until further expansion.

5.6 External Support

Nnaji vegetable Farm will be discussing with the Enugu small and medium Enterprise (SMEs) centers to offer, over a period of years, strong management and business support service. Also, the outfit will access support on technical issues from the Entrepreneurship Development Centre where the proprietor received training on entrepreneurship.

PART VI

6.0 LEGAL REGULATORY, SOCIAL AND ENVIRONMENTAL ISSUES

6.1 Legal Issues

Nnaji Vegetable Farm plans to commence commercial operations as a sole proprietorship. At such, it is will embark on registering the name with the appropriate department of the Nsukka Local Government. No special licenses are required for the operation of a vegetable farm outlet; however, every attempt will be made to get all the permits and licenses.

6.2 Regulatory Issues

The regulatory issues are:

- Activities and operations are supposed to be halted during the burial of a trade unionist at the market.
- Time-consuming sanitation every Wednesday and Friday.
- Excessive union levy in times of wedding, death, birth, etc.

6.3 Social Issues

Although Enugu state happens to be my state, there seems to be some form of discrimination from those of Nsukka LGA towards other non-Nsukka dwellers like myself.

6.4 Environmental Issues

From the feasibility study engaged, business in the Nsukka main market is always halted particularly when it comes raining; customers are left with no means of entrance to the market hence, flooded with dirty water and outrageous smell of rubbish.

PART VII

7.0 FINANCIAL PLAN

7.1 Project Cost

The total cost of the business is N1, 000, 000. This is further divided into 600, 000 as fixed capital and 400, 000 as working capital.

7.2 Funding Plan and Statement

LIST OF CAPITAL EQUIPMENT

Equipment	Description/Uses	Supplier
Shop/Land	Single room size/ two plot of land (leased)	Capital/self
Generator	Source of power supply	Benbella Afor ltd
Delivery van	To fresh vegetables to customers and move vegetables from farm to shop	Jekwu automobile
Water dispenser at the market	To show customer care	Nalex home appliances
Feed and Supplement	For Rearing Vegetable	Obado Vegetable farm
Iron gate	To guard the shop and farm against theft.	Edumaco welding and construction Enugu Ezike

Sales Plan

	Year 1	Year 2	Year 3
Product/Service	Sale of Vegetable	Sale of Vegetable	Sale of Vegetable
Quantity(estimated)	75	500	1000
Cost per unit	30,000	45,000	60,000
Cost of raw inputs	175,000	400,000	1350000

Imported Raw Materials and Other Inputs (at Full Capacity) Quantity required/Annum

Items	Unit Cost ₦	Current (Existing)	Proposed (After Expansion)	Customs Duty Rate(%)
A Materials	300/400/600	17,0000		
B				
C				
D				
E				
F				
G				
H				

Local raw materials and other inputs

Quantity required/Annum

Items	Unit Cost ₦	Current (Existing)	Proposed (After Expansion)
Vegetable seeds	100/500 yards	20,000	60,000
Petrol		10,000	30,000
Others		50,000	85,0000

Sources of Raw Materials

Item	
Fertilizers for rearing the vegetables	Enugu (Nsukka), Benue, Cameroon
Local machines	Lagos
Seedlings and seeds	Nsukka
Water	Nsukka

Contractual arrangements have been made for raw materials procurement?

General cost of Administration

Item	Current (for existing projects only) (₦)	Proposed (for new/expansion projects)(₦)

a. Rents and Rates	50,000	50,000
b. Travelling Expenses	100,000	100,000
c. Stationery and Sundry Exp.	30,000	30,000
Delivery van Running Expenses	500,000	500,000
e. Insurance	150,000	150,000
f. Professional Fee	10,000	10,000
Other Expenses	80,000	80,000
TOTAL	920000	920000

Preliminary and Pre-Operating Expenses (for New Projects Only)

Item	Amount (₹)
a. Company Incorporation	10,000
b. Travelling Expenses	150,000
c. Preparation of Business Plan/F.S	
d. Others (please specify)	
Total	160,000

Working Capital Projection (to cover the gestation period)

Working Capital Items	Year 0(N)	Year 1(N)	Year 2(N)	Year 3(N)
-Stock of raw materials#1(n....days/months value)	120000	120000	10000 0	15000 0
-Stock of raw materials#2(n....days/months value)	150000	150000	15000 0	15000 0
-Stock of raw materials#3(n....days/months value)	200000	200000		

-...				
-...				
-N				
-Stock of raw materials#(n....days/months value)				
_Stock of WIP (n....days/months value)				
-Stock of FG(n....days/months value)				
-Provision for utilities and others: n....months need				
-Salaries/wages	400000	400000	40000 0	
-Debtors: n.....days of annual sales				
-Less creditor: n...days need of raw materials				
Working Capital	366000 0	366000 0	34600	30000
-Increase/Decrease in working capital				

Start -Up Capital Needed

S/N	Item of Expenditure	Amount
1	Fixed asset investment (Equipment, Machinery and other requirements)	600,0000
2	Working Capital	400,000
	Initial Total Investment Outlay	1,000,000

Financing Plan

S/N	Source of Fund	Amount
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1	Owner's capital	200,000
2	Bank loan	800,000
3	Others (Specify)	
	Total	1,000,0000

Loan Repayment and Interest Payment Schedule

Year	Loan/Loan Bal B/d	Interest	Annual installment	Loan Repayment	Loan Bal c/f
	A	B	C	D	E
	A	B=r(A)	C (A value in equation 1)	D=C-B	E=A-D
0	800000				800000
1	2000000	100,000	60,000	50,000	1.500000
2	1500000	75,000	10,75000	100000	50,0000
3	5000000	25,000	525000	500,000	
4					
5					
Total					

Note

$$PV = \frac{A(1-(1+r)^{-n})}{r}$$

$$r \dots\dots\dots(1)$$

Where PV= Loan amount; A= Annual installment; r=rate of interest per annum and n= tenure of loan in years.

DEPRECIATION SCHEDULE

S/N	Item	Unit	Cost per Unit	Value	Life Span Estimation in Months	Monthly Depreciation
2	Generator	1	100000	100000	60	1666.6
4	Barrow	1	18000	18000	60	300
5	Delivery van	1	100000	100000	60	1666.6
9	Wire guards	1	3500	3500	60	38
					Total	3671.2

7.3 Projected income statement

Estimate of Profit and Loss Account for the first 3 years

Particulars	Year 1	Year 2	Year 3
Sales	4800000	9000000	1350000
Others			
Net Sales	4800000	9000000	1350000
Less Expenses			
Cost of raw materials	6060000	13752000	6048000
Salaries	6120000	6120000	7120000
Rent	50,000	50,000	50,000
Telephone/travelling	100,000	100,000	100,000
Electricity	40,000	40,000	40,000

Advertising	500,0000	600,0000	700,0000
Entertainment	70,000	70,000	70,000
Insurance	150,000	150,000	150,000
Legal	10,000	10,000	10,000
Office supplies	20,000	20,000	20,000
Motor Vehicle maintenance	500,000	500,000	500,000
Total Expenses	13620000	21412000	14808000
Profit before Tax/Int	34380000	68588000	12019200
Less Interest	100000	75000	25000
Profit After Interest	34280000	68153000	119787000
Less Tax	350,000	360,000	380,000
Profit After Tax	33930000	68153000	119787000
Less Depreciation	21950	21950	21950
Net Profit	3371050	68131050	119765050
Appropriation	Year 1	Year 2	Year 3
Dividend			
Retained Earnings			

7.4 Projected balance sheet

The Balance sheet combines the results from the profit and loss statement and the Cash Flow Statement

Balance Sheet Assets				
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Fixed Assets:				
Land(hire purchase) Machinery, Generator, Water dispenser, Delivery van and others				600,000
Less Cum. Dep. Of 5%	30,000			30,000
Current Assets:				570,000
Cash(use as balancing item)				
Debtors	--	---	---	----
Stock				
Total Current Assets (B)				
TOTAL ASSETS (C)				
Liabilities				
Current liabilities				
Creditors	----	-----	----	-----
Accrued Expenses	-----	-----	----	-----
Overdraft	-----	-----	----	-----
Short Term Loan				800,000
Total Current Liabilities(D)				
Capital Employed (A-D)				200,0000
Long Term liabilities	-----	-----	----	-----
Long Term loan	-----	-----	----	-----
Others (specify)	-----	-----	----	-----
Total long Term liabilities(E)	-----	-----	----	-----
Long + Short Term Liab.(F)				800,000

Shareholders Equity(C-F)	-----	-----	----	-----
Shareholders Equity:	-----	-----	----	-----
Capital(Shares)				1,000,000
Retained Profits				457,0000
Total shareholders fund (G)				

7.6 Projected cash-flows statement

Cash flow Projection

	Yr 1 Total (₦)	Yr 2 Total (₦)	Yr 3Total (₦)
Cash In			
Bank Loan	2000000		
Sales Income	4800000	9000000	135000000
Other Income (state)	200000		
Total Cash In			
Cash Out			
Admin .Outgoings/salaries	6,120,000	7,120,000	7,120,000
Marketing	350,000	350,000	350,000
Cost of Goods	100,000	100,000	100,000
Interest Expenses	100,000	100,000	100,000
Loan Repayment	10,000	10,000	10,000
.			
.			

.			
Other Payments	50,000	50,000	50,000
Total Cash out	6730000	6720000	7730000
Net Cash Flow	270000	1280000	5770000
Opening cash Bal		270000	1550000
Closing cash Bal	270000	1550000	7320000

7.5 Profitability Analysis

The project comes out of the gestation period in 12 months and even by that time the sale for the months stood at N1,500,000. By the end of the first year (of which there was only 11 months of selling activities) the sales were N1,800,000 and this is expected to grow in the subsequent years.

Indicator	2010 N	2011 N	2012 N
Turnover	1,500,000	1,800,000	1,434,000
Gross Margin	900,000	1,400,000	1,434,000
Net operating profit	197,000	408,700	356,49
Return on Equity or Owner's contr. %	98.5	204.35	356.49
Return on Total Investment %	19.7	40.87	71.29

7.6 Break-Even Analysis

There is no estimated break-even point hence; the firm is believed to be making more income in her various financial periods.

PART VIII

8.0 RISK ANALYSIS, CONTINGENCY PLAN AND EXIT STRATEGY

8.1 Risk Analysis

The project has been subjected to risk analysis and some inherent risks identified and appropriate mitigants preferred to avoid the business being disrupted

Inadequate start-up demand ----Aggressive promotion and advertising campaigns

8.2 Contingency Plan

The firm will source for resort-funds from family and friends in times of emergency.

8.3 Exit Strategy

The firm- Nnaji Vegetable Farm has no plan for exit but expansion.

PART IX

9.0 OTHER CONSIDERATIONS CONCLUSION/ RECOMMENDATION

9.1 Economic Justification

From the view of our study and analysis of the findings made, the project offers a good benefit to the promoter- Nnaji, Patience and to the economy. Wealth will be created and employment opportunities created. These are consistent with the Federal and State Government policy on entrepreneurship, wealth and job creation.

9.2 Commercial Viability

The commercial viability of the project is very clear. The project has been found to be commercially viable, having shown through projections, an impressive sales, profits and cash flow positions.

9.3 Conclusion/Recommendation

Therefore, the project- **Nnaji Vegetable Farm** is highly recommended for both funding and implementation.

APPENDIX

Photocopy of certificate of incorporation or Registration

Approvals

Licenses

