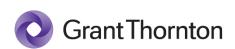
# MODEL DETAILED PROJECT REPORT

# **ESTABLISHING MEAT PROCESSING UNIT**

UNDER UTTAR POORVA TRANSFORMATIVE INDUSTRIALIZATION SCHEME (UNNATI), 2024



DEPARTMENT FOR PROMOTION OF INDUSTRY AND INTERNAL TRADE MINISTRY OF COMMERCE & INDUSTRY GOVERNMENT OF INDIA



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#### 1. Introduction

The meat processing industry, also known as the meatpacking or slaughter industry, undertakes treating raw animal products, mainly meat, and turning them into different types of processed and packaged foods that people can buy,ranging from fresh meat cuts to sausages, bacon, or canned meats. The additional value which this industry big to the meat consumption segment of commodity market, is the better shelf life and the broad variety range within product category.

#### a. About the project

The proposed project is for setting up a meat processing unit. This unit will be capable of processing raw meat harvested from live animals, cooking/processing, canning, and packaging and labelling, so to retail the product to the end seller/customer. The project will cater to the growing needs of domestic ready-to-consume meat market, by enhancing the value of locally raised farm animals through efficient processing and packaging. The proposed processing unit venture entails a total investment of about --- Cr., includes a capital investment of Rs. Cr and a sum of Rs. ---- as Loan. The Net Present Value (NPV) of the project is around Rs. Cr million with an Internal Rate of Return (IRR) of XX% and average BEP XX%. The project will generate direct employment opportunity for XX persons. The legal business status of this project is proposed as 'Sole Proprietorship/Partnership/LLP/Pvt. Ltd.'.

#### b. Indian Scenario

The meat production in India is 2.3 million tons per year (2010-2011). India exports more than 500,000 tons of meat of which majority is buffalo meat. Indian buffalo meat is witnessing strong demand in international markets due to its lean character and near organic nature. West Bengal is the highest producer of meat in India followed by Andhra Pradesh, Maharashtra, Uttar Pradesh and Bihar. It is also the largest consumer of meat products including "fresh" meat.

#### c. State Profile

Meghalaya though nestled in the northeastern region of India, offers significant potential in the meat processing sector because of favorable climate, rich livestock resources, and traditional meat-consuming culture. A large segment of the population is engaged in agriculture and animal husbandry, making livestock rearing a primary livelihood, and meat is a staple in the diet of most communities in Meghalaya, along with pork and chicken. In the State, traditional practices are common, and the local entrepreneurs employ indigenous methods for processing meat on a small scale using indigenous methods. Over the past decade or so, the average numbers of animals slaughtered annually is estimated at about 1.89 lac cattle, 1.81 lacs pigs, and 1.26 lacs goat, out of which about 40% of cattle, 11.25% pig and 18.36% goats are imported from outside the State.

#### d. Sector Overview

The meat processing sector in India is an emerging industry with significant potential, given the country's vast livestock resources and increasing demand for processed meat products both domestically and internationally. The sector is poised to grow, driven by urbanization, changing food preferences, and export opportunities. Cattle forms largest population globally, with India being the largest exporter of buffalo meat (carabeef). Livestock contributes around 4.5% to the national GDP and 25% to the agriculture GDP. Most meat is sold fresh in wet markets, with limited processing. As per estimates, only about 6-8% of total meat is processed in India compared to 60-70% in developed countries. Also, the demand for frozen, ready-to-cook, and packaged meat products is increasing in urban areas. Apart from a few larger business entities in the sector, most of the regional and small-







scale industry operates in specific regions, particularly in states with high meat consumption like Kerala, Tamil Nadu, and the Northeast.

# 2. Investor's Background

#### Details of all Investors in below format

Name	To be filled by the applicant
DOB	To be filled by the applicant
PAN	To be filled by the applicant
Address	To be filled by the applicant
Academic Qualification	To be filled by the applicant
Experience in business	To be filled by the applicant
Functional Responsibly in Unit	To be filled by the applicant
Name of associate concern (if any)	To be filled by the applicant
Nature of association (if any)	To be filled by the applicant
Net Worth	To be filled by the applicant

# 3. Company Profile

Name of the Unit	To be filled by the applicant
Constitution	To be filled by the applicant
PAN	To be filled by the applicant
Registered Office address	To be filled by the applicant
Activity	To be filled by the applicant
Loan details	To be filled by the applicant
Director	To be filled by the applicant
Unit Registration	To be filled by the applicant
Unit Location	To be filled by the applicant
Category of Project (Manufacturing/Service)	To be filled by the applicant
Zone	To be filled by the applicant
District	To be filled by the applicant
State	To be filled by the applicant
State	To be filled by the applicant





#### 4. Details of product to be manufactured and its marketing potential

Canned meat is a convenient and versatile option for adding protein to your meals. Here are some popular types of canned meat and their uses:

**Chicken**: Available in chunks, shredded, or whole, canned chicken is great for salads, soups, and stews. It's already cooked, so you can add it directly to your dishes.

**Spam**: This blend of pork and ham can be sliced, cubed, grilled, or fried. It's a versatile option that can be used in sandwiches, musubi, or even breakfast dishes.

**Corned Beef**: Known for its rich flavor, corned beef is often used in sandwiches, hash, or with cabbage. It's preserved in saltwater, giving it a unique taste.

**Ham**: Canned ham can be found in various sizes and is perfect for soups, salads, or as a main dish. It can be sweet or savory, depending on your preference.

Turkey: Canned turkey is ideal for quick meals like turkey chili, soups, or potpies. It's low in fat and high in protein.

Canned meats are not only convenient but also have a long shelf life, making them a great pantry staple.

The canned meat market in India is experiencing significant growth, driven by several factors:

Rising Demand for Convenience Foods: With more people leading busy lifestyles, there's an increasing preference for ready-to-eat and easy-to-prepare meals. Canned meat fits perfectly into this trend.

**Increasing Disposable Income**: As the economy grows and income levels rise, more consumers can afford to buy canned meat products.

**Urbanization**: The shift towards urban living has led to a higher demand for convenient food options, including canned meat.

**Growing Number of Working Women**: The rise in the number of working women has boosted the demand for quick meal solutions, further driving the market.

**Expansion of Retail and E-commerce**: The growth of supermarkets, hypermarkets, and online grocery stores has made canned meat more accessible to a broader audience.

The market is projected to grow at a compound annual growth rate (CAGR) of around 7.18% from 2020 to 2026<sup>3</sup>. Major players in the market include Campbell Soup Company, Conagra Brands Inc., and Nestlé S.A., among others.

#### 5. Details of Raw Materials with required quantity

Supplier	Raw material	Quantity	Year	Cost
To be filled by the applicant				





# 6. Proposed location and Site Plan

SI. No.	Particulars	Details
1	Land Area	To be filled by applicant
2	Status of Legal title & Possession	To be filled by applicant
3	if leased, Period of lease	To be filled by applicant
4	Coordinates of location	To be filled by applicant
5	Details of CLU	To be filled by applicant
6	Connectivity to roads  i) State Highway (in Km.)  ii) National Highway (in Km.)	To be filled by applicant
7	Availability of Water	To be filled by applicant
8	Availability of Power	To be filled by applicant

#### a. Electrical Power

Electricity (55 KW machineries running 300 Days with 2 Shift i.e. Effective Hr. 16 hr. Total unit consumption - 264000. Present rate- Rs. 7.00/Unit

# i. Construction Phase

KW	Quarter of the Year
To be filled by the applicant	To be filled by the applicant

# ii. Steady Phase

кw	Quarter of the Year
To be filled by the applicant	To be filled by the applicant

# iii. Peak Phase

	KW	Quarter of the Year
To be filled by the applicant		To be filled by the applicant

# b. Water Requirement

i. Construction Phase





Quantity	Quarter of the Year
In Liter	To be filled by the applicant

#### ii. Steady Phase

Quantity	Quarter of the Year
In Liter	To be filled by the applicant

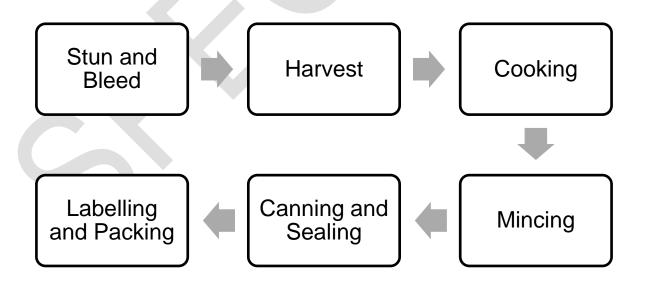
#### iii. Peak Phase

Quantity	Quarter of the Year
In Liter	To be filled by the applicant

- c. Transportation System
- d. Local Infrastructure
- e. Raw material procurement

#### 7. Product Process Flow

Product development stages to be defined with details of input required at each stage of production and output generated after each stage of production for each product.







#### 8. Cost of the Project

Particulars	Amount (Rs. In Lacs)
Land and Site Development	10.00
Civil Construction	50.00
Plant & Machinery	54.28
Electrical Installation	20.00
Preliminary and Preoperative Expenses	20.00
Miscellaneous Fixed Assets	5.00
Margin for Working Capital	231.78
Contingency Fund	2.63
Total Project Cost	393.69/-

#### a. Land details

The assumed required area for setting up the Dry Fruit (Cashew)Processing Unit is approx. 2631.5 sq. ft. The rate for Land is Rs. 3,80/sq. ft.

So, the cost of Land is Rs.380 x 2631.5 = Rs. 10,00,000.00

# b. Building and civil works details

Office Building with Works Shed - Rs.50,00,000.00

# c. Plant and machinery details

SI. No.	Particulars	Qty	Rate (Rs.)	GST (18%)	Amount (Rs.)
1	Slaughterhouse equipment	1	₹ 2,50,000.00	₹ 45,000.00	₹ 2,95,000.00
2	Ps-Steam Boiler: Ps-500 Kg/Hr. Capacity	1	₹ 6,00,000.00	₹ 1,08,500.00	₹ 7,08,000.00
3	PS-WORKING TABLE: Top stainless steel 304	1	₹ 1,75,000.00	₹ 31,500.00	₹ 2,06,500.00
4	Ps-Steam Jacketed Kettle (Model No. Psk110): 50 Gallons (225 Lt.)	1	₹ 1,25,000.00	₹ 22,500.00	₹ 1,47,500.00
5	PS-STRAIGHT LINE EXHAUSTS BOX: Capable of passing 2 A2! /2 cans	5	₹ 1,50,000.00	₹ 1,35,000.00	₹ 8,85,000.00





SI. No.	Particulars	Qty	Rate (Rs.)	GST (18%)	Amount (Rs.)
6	PS-CANNING RETORT: With Thermometer and Pressure gauge Capacity 280/300 A21/2 cans	1	₹ 3,00,000.00	₹ 54,000.00	₹ 3,54,000.00
7	Electric hoist: 1 ton	2	₹ 2,00,000.00	₹ 72,000.00	₹ 4,72,000.00
8	Complete Reforming and seaming unit	2	₹ 2,50,000.00	₹ 90,000.00	₹ 5,90,000.00
9	Aluminum and SS vessels of various size	5	₹ 3,50,000.00	₹ 63,000.00	₹ 4,13,000.00
10	Meat mincer	1	₹ 1,75,000.00	₹ 31,500.00	₹ 2,06,500.00
11	Refrigerator -complete unit of freezer	1	₹ 2,50,000.00	₹ 45,000.00	₹ 2,95,000.00
12	Weigh scale – large	1	₹ 3,50,000.00	₹ 63,000.00	₹ 4,13,000.00
13	Masonry tanks for cooling /Pickling	1	₹ 2,50,000.00	₹ 45,000.00	₹ 2,95,000.00
14	Laboratory equipment	1	₹ 1,25,000.00	₹ 22,500.00	₹ 1,47,500.00
	TOTAL				₹ 54,28,000.00

# d. Pre-operative expenses details

Approx- Rs. 20,00,000.00

# e. Working Capital details

# I) Raw Material Requirement: - (Annual)

SI. No.	Item	Qty (Ton)	Rate (Rs.)	Total (Rs.) Lakh
1	Harvested meat	240	500	1200.00
2	Salt	2.4	5000	0.12
3	Seasoning	2.4	6000	0.144
4	Tinplate cans	480,000	3	14.40
		GRAND TOTA	AL	1214.664/-

# ii) Utilities (Per Annum)

SI. No.	ltem	Total (Rs.) Lakh
1	Electricity (55 KWH running 300 Days with 2 Shift i.e. Effective Hr. 16 hr. Total unit consumption - 264000. Present rate- Rs 7/Unit	18.48





2	Water &Misc	-
	GRAND TOTAL	18.48/-

# iii) Salary & Wages (Per Annum)

S No	Designation	No of position	Unit	Wages/Month (Rs.)	Total/Annum (Rs.)
1	Harvester	1	No	12000	144000
2	Helper	12	No	9000	1296000
3	Machine operator	8	No	15000	1440000
4	Materials handling	2	No	9000	216000
				Total	30.96/- Lakhs

# iv) Selling& General Administration (Annum)

SI. No.	Designation	No.	Wages/Month (Rs.)	Total/Annum (Rs.) Lakhs
1	CFC Head	1	40,000.00	4.80
2	Manager	1	30,000.00	3.60
3	Accountant	1	20,000.00	2.40
4	Data Operator	1	15,000.00	1.80
5	Security Guard	2	12,000.00	2.88
			Total	15.48/-

# v) Advertisement & General Stores

SI. No.	Items	Cost (Rs.)
1	Advertisement per Annum	3,00,000/-
2	General Stores & Inventory	3,85,500/-
	Total	6,85,500/-

# WORKING CAPITAL= I+II+III+IV+V= 1214.664+18.48+30.96+15.48+6.855/- = Rs. 1286.90/- Lakhs

# 9. Proposed Means of Finance

Particulars	Amount (Rs. In La
Promoter's Capital	177.16
Unsecured Loans	-
Term Loan form Bank/ Financial Institution	216.53
Total	393.69/-





# 10. Implementation Schedule with time chart

Activities	Starting Month	Ending Month
Arrangement of land	To be filled by applicant	To be filled by applicant
Single window clearance	To be filled by applicant	To be filled by applicant
Land development	To be filled by applicant	To be filled by applicant
Building and Civil Works	To be filled by applicant	To be filled by applicant
Order and delivery of P&M	To be filled by applicant	To be filled by applicant
Power arrangement	To be filled by applicant	To be filled by applicant
Manpower arrangement	To be filled by applicant	To be filled by applicant
Procurement of raw materials	To be filled by applicant	To be filled by applicant
Trial Operation	To be filled by applicant	To be filled by applicant
Commercial Operation	To be filled by applicant	To be filled by applicant

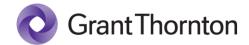
# 8. Projected Financial Analysis

a. Installed Production Capacity			Quantity	Unit	Rate	Amount (Rs.) Lakh
Canned Meat			232	Ton	1000	2320
Production capacity/Annum						2320
b. SCHEDULE OF	PRODUCTION AN	ID SALES			'	'
	RAW	MATERIAL MI	X AND CONSU	MABLES REQ	UIRED	
Item	Quantity		Unit	Rate		Amount (Rs.) Lakh
Raw Material						





Harvested Meat	240		Ton	500		1200
Salt	2.4		Ton	5000		0.12
Seasoning	2.4		Ton	6000		0.144
Tin Cannes	480000		Pieces	3		14.4
c. Cost of Raw M	aterial Consume	ed/Annum				1214.664
Parameters		1 <sup>st</sup> Year	2 <sup>nd</sup> Year	3 <sup>rd</sup> Year	4 <sup>th</sup> Year	5 <sup>th</sup> Year
Capacity Utilization		60%	65%	70%	75%	80%
		232	232	232	232	232
Canned meat (0.5 Kg)		139.2	150.8	162.4	174	185.6
Production (In Ton) as per Capacity Utilized		139.2	150.8	162.4	174	185.6
d. BREAK UP PR	ODUCTION AS	PER UTILIZED CA	PACITY		I	
ITEMS		1 <sup>st</sup> Year	2 <sup>nd</sup> Year	3 <sup>rd</sup> Year	4 <sup>th</sup> Year	5 <sup>th</sup> Year
Capacity Utilization		60%	65%	70%	75%	80%
Canned Meat (0.5 kg)		139.2	150.8	162.4	174	185.6
		0	0	0	0	0
TOTAL PRODUCTION		139.2	150.8	162.4	174	185.6
Sales Details					·	
Items		1 <sup>st</sup> Year	2 <sup>nd</sup> Year	3 <sup>rd</sup> Year	4 <sup>th</sup> Year	5 <sup>th</sup> Year
Canned Meat (0.5 kg)		1392	1508	1624	1740	1856
		0	0	0	0	0





GST RATE@0%	0	0	0	0	0
GROSS Sales Price	1392	1508	1624	1740	1856
e. COST OF PRODUCTION					
Items	1 <sup>st</sup> Year	2 <sup>nd</sup> year	3 <sup>rd</sup> Year	4 <sup>th</sup> Year	5 <sup>th</sup> Year
	60%	65%	70%	75%	80%
Raw Materials Consumed	728.7984	789.5316	850.2648	910.998	971.7312
Power & Fuel	11.088	12.012	12.936	13.86	14.784
Direct Labor & Wages	27.864	30.186	32.508	34.83	37.152
Advertisement & Gen. Stores	4.113	4.45575	4.7985	5.14125	5.484
Repairs & Maintenance	0.250272	0.271128	0.291984	0.31284	0.333696
Other Manufacturing Exp.					
COST OF PRODUCTION	772.11	836.46	900.80	965.14	1029.48

f. PROJECTED PROFITABILITY	STATEMENT				
	1 <sup>st</sup> Year	2 <sup>nd</sup> year	3 <sup>rd</sup> Year	4 <sup>th</sup> Year	5 <sup>th</sup> Year
Capacity Utilized	60%	65%	70%	75%	80%
A. Sales					
Gross Sales	1392	1508	1624	1740	1856
Less: GST	0	0	0	0	0
NET SALES	1392	1508	1624	1740	1856
B. Cost of Production					
Raw Materials Consumed	728.7984	789.5316	850.2648	910.998	971.7312





Power & Fuel	11.088	12.012	12.936	13.86	14.784
Direct Labor & Wages	27.864	30.186	32.508	34.83	37.152
Advertisement & General Stores	4.113	4.45575	4.7985	5.14125	5.484
Repairs & Maintenance	0.250272	0.271128	0.291984	0.31284	0.333696
Other Manufacturing Exp.	0	0	0	0	0
Total Cost of Production (C)	772.11	836.46	900.80	965.14	1029.48
g. Gross Profit (A-C)	619.89	671.54	723.20	774.86	826.52
Interest Expenses					
Interest Expenses (Term Loan) @7.65% /Annum for 5 yr.	15.29	12.36	43.06	5.78	2.10
Interest Expenses (WC Loan) @11% /Annum	14.04	14.74	15.48	16.25	17.07
Others					
Profit before Taxation	590.56	644.44	664.67	752.82	807.35
Provision for Taxation	153.55	167.56	172.81	195.73	209.91
Profit After Taxation	437.01	476.89	491.85	557.09	597.44

	1st Year	2 <sup>nd</sup> year	3 <sup>rd</sup> Year	4 <sup>th</sup> Year	5 <sup>th</sup> Year
Profit After Tax	437.01	476.89	491.85	557.09	597.44
Add: - Interest Expenses (Term Loan) @7.65% /Annum for 7yrs	15.29	12.36	43.06	5.78	2.10
Interest Expenses (WC Loan) @11% /Annum for 7 yrs	14.04	14.74	15.48	16.25	17.07





Depreciation	13.142	11.4207	9.932595	8.64520575	7.53067489
Total (A)	394.544004	438.366682	423.38391	526.402216	570.735688
Interest Expenses (Term Loan) @7.65% /Annum for 7yrs	15.29	12.36	43.06	5.78	2.10
Interest Expenses (WC Loan) @11% /Annum for 7 yrs	14.04	14.74	15.48	16.25	17.07
Depreciation	13.14	11.42	9.93	8.65	7.53
Total (A)	394.544004	438.366682	423.38391	526.402216	570.735688
Interest Expenses (Term Loan) @7.65% /Annum for 7yrs	15.29	12.36	43.06	5.78	2.10
Interest Expenses (WC Loan) @11% /Annum for 7 yrs.	14.04	14.74	15.48	16.25	17.07
Term Loan Repayment	36.96	39.89	43.06	46.47	50.15
Total Debt Payment (B)	66.29	66.99	101.59	46.47	50.15
DSCR (A/B)	5.39	5.95	3.74	10.33	10.38
Cash Inflow	357.58	398.47	380.33	479.94	520.59
i. BREAK EVEN ANALYSIS	1st year	2 <sup>nd</sup> year	3 <sup>rd</sup> Year	4 <sup>th</sup> Year	5 <sup>th</sup> Year
A. Net Sales	1392	1508	1624	1740	1856
B. Variable Expenses					
Raw Materials Consumed	728.7984	789.5316	850.2648	910.998	971.7312
Power & Fuel	11.088	12.012	12.936	13.86	14.784
Consumable Stores	4.113	4.45575	4.7985	5.14125	5.484
Repairs & Maintenance	0.250272	0.271128	0.291984	0.31284	0.333696
	744.25	806.27	868.29	930.31	992.33
C. Contribution (A-B)	647.75	701.73	755.71	809.69	863.67





D. Fixed Expenses					
Direct Labor & Wages	27.864	30.186	32.508	34.83	37.152
Selling, General & Administration	0	0	0	0	0
	27.864	30.186	32.508	34.83	37.152
Breakeven Sales at Operating Capacity	0.47	0.47	0.47	0.47	0.47

	j. P	rojected Balan	ce Sheet		
	1st Year	2nd Year	3rd Year	4th Year	5th Year
Liabilities					
Capital	177.16	177.16	177.16	177.16	177.16
Revenue Reserves	43.70	47.69	49.19	55.71	59.74
Net Worth	220.86	224.85	226.35	232.87	236.90
Term Loan	36.96	39.89	43.06	46.47	50.15
Working Capital Limit	14.04	14.74	15.48	16.25	17.07
Current Liabilities					
Creditors					
Liability for expenses	772.11	836.46	900.80	965.14	2008.75
Total	1043.98	1115.94	1185.68	1260.73	2312.87
Assets	4				
Fixed Assets					
Gross block	104.28	91.14	79.72	69.78	61.14
Depreciation	13.14	11.42	9.93	8.65	7.53
Net Fixed Assets	117.42	102.56	89.65	78.43	68.67
Non-Current asset/investments					
Current assets					
Inventory	533.25	584.18	653.36	680.92	1706.51
Debtors					
Security Deposits					
Loans and Advances					
Cash & Bank Balance	393.31	429.20	442.67	501.38	537.69
Total	1043.98	1115.94	1185.68	1260.73	2312.87





k. CALCULATION OF PAYBACK PREIOD					
Investment	393.69/-	Lakhs			
Cash In Flow	357.58/-	Lakhs			
(PAT- Depreciation- Interest)	394.54/-	Lakhs			
PAY BACK PREIOD	5	Years			

# 9. Projected Employment Details

Type of Employment	Number of Employees	Projected Cost
Skilled Manpower	12	26.24
Semi-skilled Manpower	2	4.20
Unskilled Manpower	22	18.00
	TOTAL	48.84/-

# 10. Requirement of Statutory clearances

Item	Status
Partnership Deed	
Lease deed registration	
PAN	
GST Registration	
UDYAM	
Trade License	
NOC form local authority	