



Detailed Project Report ***on*** ***Meat Processing Unit***

Under MKUY

Name of the Entrepreneur/Entity:

Address:



Contents

1. Project Summary.....	2
2. Project Profile	3
2.1 Entrepreneur/Entity Profile.....	3
2.2. Project Consultant Details	4
2.3. Concept and Scope of the Project	5
3. Techno-commercial Assumptions	5
4. Financial Details.....	6
4.1. Project Fixed Capital.....	6
4.2. Project Variable Expenses.....	7
4.3. Details of Sales.....	8
4.4. Project Balance Sheet.....	9
4.5. Calculation of Depreciation.....	10
4.6. Projected P&L.....	10
4.7. Projected Cash Flow	11
4.8. Projected Loan Repayment.....	11
4.9. Calculation of DSCR, IRR and BEP	12
4.10. Summary of Financial Details	13



1. Project Summary

1	Name of the Enterprise (as per the Illustrative List of Enterprises)	Meat Processing
2	Sector (as per the Illustrative List of Enterprises)	ARD
3	Project Capacity ¹	1500 Birds per day
4	Key components of the project	Processing and packaging
5	Project Address (Village/Ward, Gram Pranchayat/Municipality, Block, District)	
6	Products/Output from the project	Processed Chicken Meat
7	Total Project Cost	Rs. 1,28,63,200
8	Fixed Capital Cost	Rs. 1,02,53,200
9	Working/Recurring capital	Rs. 26,10,000
10	Bank Finance/ Self Finance	Bank Loan
11	Bank Loan Amount	Rs. 1,13,15,880
12	Promoter Contribution (min 10% of the project cost in case of bank loan)	Rs. 15,47,320
14	Assumed Rate of Interest	11%
15	Subsidy Eligibility (40%, 50%)	
16	Repayment Terms (Tenure, Moratorium, Frequency, Mode of Repayment: equal principal/equal instalment)	Equal Monthly Instalment
17	Key Financial Indicators: 1. Average Annual Net Profit 2. Debt Service Coverage Ratio (DSCR) 3. Internal Rate of Return 4. Break Even Year	Rs. 36,28,856
		2.11
		25.58%
		3 Years 5 Months
18	Estimated employment to be generated (nos.)	18

Note: The price quoted in the DPR is indicative. Final CIS will be calculated as per the Rate in MKUY guideline.

¹ Capacity can be in terms of area or quantity



2. Project Profile

2.1 Entrepreneur/Entity Profile

1	Name of the Entrepreneur/Entity	
2	Legal status (Individual/ Group/ FPO/ FPC/ Proprietorship/ Partnership firm/ Company/ Cooperative/ Federation/ Society/ Trust)	
3	Name of Representative ² in Ease of entity	
4	Gender (Male/ Female/ Third Gender/ Not Applicable)	
5	Date of Birth of Individual/Representative of Entity	
6	Date of Incorporation/Registration of Entity	
7	Category opted for (Women/ ST/ SC/ Differently Abled/ Third gender/ Agri & Allied Graduate)	
8	Educational Qualification of Individual/Representative of Entity	
9	Passport size photograph of the Individual/ Representative of entity	
10	Local Address for Correspondence of the Individual/ Representative of entity	
11	Registered Address of Entity	
12	Main Office/Branch Address of Entity	
13	Phone no. of Individual/Representative of Entity	
14	Email Id of Individual/Representative of Entity	
15	AADHAR No. of Individual/Representative	
16	PAN of Individual/Representative of Entity, if available	
17	Farmer Id of Individual, if available	
18	Details of other Partner/Director/ President/Secretary	
19	Registration No./ CIN of the Entity ³	
20	PAN/TAN of Entity	
21	GSTIN of Entity, if available	
22	Details of experience and exposure relevant to the proposed enterprise/project (family business, work experience, e- learning/certificate courses, trainings undertaken etc.)	

² Representative should be authorized by the board/governing body of the entity.

³ Registration document:

Groups (SHG/PG/: FPO: , Proprietorship firm: Registration Certificate under Shops & Establishment Act, Partnership firm: Registration Certificate from IGR of state, Company (Pvt. Ltd., Public Ltd., LLP, OPC, FPC): Certification of Incorporation, Cooperative/ Federation: Certificate of Registration from Registrar of Cooperative Societies, Society/Trust: Darpan Unique Id



2.2. Project Consultant Details

DPR Prepared by: APTT

Please provide further details of consultant:





2.3. Concept and Scope of the Project

Chicken processing is the process of transforming live chickens into market-ready chicken products. This process involves a series of steps such as slaughtering, defeathering, eviscerating, and processing into different products like chicken meat, sausages, and chicken nuggets. The chicken processing industry has a significant contribution to the world economy and is expected to grow in the coming years due to the rising demand for chicken products.

The chicken processing plant requires several equipment and machinery for processing chicken meat. The plant will have several processing units for different stages of meat processing such as cleaning, sorting, cutting, and packaging. The plant will also have refrigeration and storage facilities for raw materials and finished products.

Market Potential

The chicken processing industry has a huge market demand, both locally and internationally. The global chicken meat market is expected to grow at a CAGR of 4.6% from 2021 to 2026. The increasing demand for protein-rich food, rising urbanization, and changing food habits are the key factors driving the growth of the chicken processing industry.

India has a huge market potential for chicken processing due to its large population and growing demand for protein-rich foods. The consumption of chicken meat in India has been steadily increasing over the past decade, making it the second-largest producer of poultry products in the world.

According to a report by Research and Markets, the Indian poultry market is expected to grow at a CAGR of 12.6% during 2020-2025, driven by increasing population, rising income levels, and changing dietary patterns. The report also states that the processed chicken market in India is expected to witness significant growth in the coming years, as consumers are becoming more health-conscious and are demanding convenient and ready-to-eat food products.

3. Techno-commercial Assumptions

Sl. No.	Parameter	Value	Unit
1	Increase in Rate of Product	5	%
2	Increase in Electricity consumption	5	%
3	Collection from Debtors (First Year)	10	Days
4	Collection from Debtors	15	Days
5	Payable to Creditors	20	Days
6	Drawing By Promoter	25	%
7	Increase in Staff Salary	5	%
8	Rate of Interest on TL	11	%
9	Rate of Interest on WC	9	%
10	Loan Repayment (in year)	7	Years
11	Raw Material in Stock (on sales)	5	Days
12	Finished Goods in stock (on sales)	15	Days
13	Promoter's Contribution (Term Loan)	10	%
14	Promoter's Contribution (Working Capital)	20	%
15	Working Capital Requirement	15	Days
16	Working Capital Utilisation	100	%
17	No. of Working Days	290	Days



4. Financial Details

4.1. Project Fixed Capital

Details of Fixed Assets					
Sl. No.	Particulars	Unit	Qty.	Cost per unit	Total
A	Land				
1	Land Development	Sq. ft	6000	LS	4,200
2	Fencing (Barbed wire/Green Fencing)	ft	400	60.00	24,000
	Sub Total				28,200
B	Civil Construction				
1	Processing Area	Sq. ft	2500	950.00	23,75,000
2	RM FG Store (Bird)	Sq. ft	1000	400.00	4,00,000
3	Effluent Treatment Plant	Sq. ft	500	400.00	2,00,000
4	Office	Sq. ft	400	950.00	3,80,000
	Sub Total				33,55,000
C	Water Supply				
1	Water Supply with overhead tank, pump and pipeline				2,50,000
D	Electrification				
1	Electrical Installation (with transformer and DG Unit as required)				5,00,000
E	Plant & Machinery				
Sl. No.	Particulars	Specification	Qty	Unit Price	total
1	Overhead Conveyor	SS304 with bird hacking shackles	1	1400000	14,00,000
2	Electric Stunner	Fibre glass reinforced plastic molded water bath	1	250000	2,50,000
3	Halal/Killing Tray	SS 304, Conical Hopper	1	50000	50,000
4	Bleeding Trough	SS 304 Double pass bleeding to collect blood after halal	1	250000	2,50,000
5	Scallading tank/Scladder	SS 304, Single/doublr pass, with digital temperature controller and drain valve	1	4,50,000	4,50,000
6	Steam Boiler	500 kg/hr, 10.54 kg/cm2 working pressure, IBR approved	1	1,50,000	1,50,000
7	Hock Cutter	SS 304 adjustable cutter. 1.5 HP, 1.1 KW, 3 phase	1	2,50,000	2,50,000
8	Bird Loading Table	SS304, 6' x 4' x 3' sheet table	2	25000	50,000



9	Fast Pluck 2500 GBWD	SS304, with gear box drive, 3 HP, 2.2 KW, 3 phase, 20 birds/batch	2	25000	50,000
10	Evisceration Table	SS 304 suitable to eviscerate Birds offal	1	50000	50,000
11	Washing tank	SS 304	1	40000	40,000
12	Screw Chiller	SS 304 Air agitation nozzle balancing flow	1	900000	9,00,000
13	Bird Collecting table	SS 304 perforated sheet tale with height adjustablr leg for collecting bird after drip drum	1	50000	50,000
14	Better cut machine with table	SS304 suitable to cut birds to required portion and size	1	100000	1,00,000
15	Deboning cones with table	SS 304 table, 2 deboning cones of Nylon with SS Mounting pipe	1	50000	50,000
16	Vacuum Packing machine		1	10,00,000	10,00,000
17	FG Store (Frozen)	5 MT capacity	1	10,00,000	10,00,000
Total					60,90,000
F	Miscellaneous Expenditure				
1	Insurance premium of assets				30,000
2	Cost of DPR Preparation				
3	Other Misc. Exp				
	Total Miscellaneous Expenditure				30,000

4.2. Project Variable Expenses

Details of Recurring Expenditure						
A	Details of raw material (per annum @ 100%)					
Sl. No.	Items	Unit	Rate/Unit (Rs)	Qty/day	Qty/annum (kg)	Total Cost (Rs)
1	Bird avg. 1 kg	Nos.	130.00	1,500	4,35,000	5,65,50,000
2	Packaging Material	Nos.	5.00	1,500	4,35,000	21,75,000
	Total					5,87,25,000

Details of salary and other benefits				
Sl. No.	Type of workers	No. of Worker	Salary Per Month/head (Rs)	Total Salary per annum (Rs)
1	Unskilled	5	10,000	600000
2	Skilled	10	12,000	1440000
3	Purchase and Store	1	15,000	1,80,000
4	Sales	1	18,000	2,16,000
5	Manager	1	30,000	3,60,000
	Grand Total	18		27,96,000



4.3. Details of Sales

Details of sales (Per annum @100% capacity)						
Sl. No.	Type of products	Unit	Rate/Unit (Rs)	Quantity/day	Quantity/annum	Total (Rs)
1	Processed Bird	Kg	250	1,050	3,04,500	7,61,25,000
	Total					7,61,25,000





4.4. Project Balance Sheet

Liabilities	I	II	III	IV	V	VI	VII
Opening Capital	-	27,03,085	41,84,102	53,44,637	68,15,856	80,84,866	98,48,684
Add: Introduced	15,47,320						
Add: Profit	15,41,765	28,77,016	29,42,535	37,43,219	39,65,010	50,47,818	52,84,625
Less: Drawing	3,86,000	13,96,000	17,82,000	22,72,000	26,96,000	32,84,000	37,84,000
Closing Capital	27,03,085	41,84,102	53,44,637	68,15,856	80,84,866	98,48,684	1,13,49,310
Term Loan from Bank	83,01,100	72,67,074	61,13,391	48,26,206	33,90,069	17,87,744	-
Current Liabilities							
Cash Credit from Bank	20,88,000	20,88,000	20,88,000	20,88,000	20,88,000	20,88,000	20,88,000
Sundry Creditors	19,57,500	30,83,067	34,53,067	38,52,333	40,45,000	44,97,133	47,22,000
Expenses Payable	5,61,200	7,55,800	8,28,600	9,06,800	9,52,100	10,40,200	10,94,100
Current Provisions	3,92,899	9,65,150	9,93,229	13,36,380	14,31,433	18,95,494	19,96,982
Total Current Liabilities	49,99,599	68,92,016	73,62,896	81,83,513	85,16,533	95,20,827	99,01,082
Total Liabilities	1,60,03,785	1,83,43,192	1,88,20,924	1,98,25,575	1,99,91,468	2,11,57,255	2,12,50,392
Assets							
Fixed Assets	1,02,23,200	1,02,23,200	1,02,23,200	1,02,23,200	1,02,23,200	1,02,23,200	1,02,23,200
Less Depreciation	13,49,000	25,13,675	35,19,871	43,89,738	51,42,266	57,93,740	63,58,137
Net Fixed Assets	88,74,200	77,09,525	67,03,329	58,33,462	50,80,934	44,29,460	38,65,063
Current Assets							
Sundry Debtors	12,68,800	29,97,500	33,57,200	37,45,400	39,32,700	43,72,200	45,90,900
Inventories	24,75,050	27,66,150	39,93,910	44,69,214	49,20,700	52,31,359	57,44,266
Cash and Bank Balance	2,53,800	5,99,500	6,71,500	7,49,100	7,86,600	8,74,500	9,18,200
Other Current Assets	31,31,935	42,70,517	40,94,984	50,28,399	52,70,533	62,49,736	61,31,963
Total Current Assets	71,29,585	1,06,33,667	1,21,17,595	1,39,92,113	1,49,10,533	1,67,27,795	1,73,85,329
Total Assets	1,60,03,785	1,83,43,192	1,88,20,924	1,98,25,575	1,99,91,468	2,11,57,255	2,12,50,392



4.5. Calculation of Depreciation

Rates of Depreciation		10%	15%	Total depreciation for the year
Year	1	3,60,500.00	9,88,500	13,49,000
	2	3,24,450.00	8,40,225	11,64,675
	3	2,92,005.00	7,14,191	10,06,196
	4	2,62,804.50	6,07,063	8,69,867
	5	2,36,524.05	5,16,003	7,52,527
	6	2,12,871.65	4,38,603	6,51,474
	7	1,91,584.48	3,72,812	5,64,397

4.6. Projected P&L

Description	Year ending March 31st						
	I	II	III	IV	V	VI	VII
Capacity Utilisation	50	75	80	85	85	90	90
Revenue							
Sales	3,80,62,500	5,99,49,000	6,71,43,000	7,49,07,000	7,86,53,000	8,74,44,000	9,18,17,000
Opening Stock of Finished Goods	-	(19,68,750)	(31,00,810)	(34,72,914)	(38,74,500)	(40,68,259)	(45,22,966)
Closing Stock of Finished Goods	19,68,750	31,00,810	34,72,914	38,74,500	40,68,259	45,22,966	47,49,155
Total Income (A)	4,00,31,250	6,10,81,060	6,75,15,103	7,53,08,586	7,88,46,759	8,78,98,707	9,20,43,190
Expenditure							
Opening stock of Raw Material	-	5,06,300	7,97,400	8,93,100	9,96,300	10,46,200	11,63,100
Purchase (Net) of Material	2,93,62,500	4,62,46,000	5,17,96,000	5,77,85,000	6,06,75,000	6,74,57,000	7,08,30,000
Closing Stock of Raw material	5,06,300	7,97,400	8,93,100	9,96,300	10,46,200	11,63,100	12,21,300
Raw Material Consumption	2,88,56,200	4,59,54,900	5,17,00,300	5,76,81,800	6,06,25,100	6,73,40,100	7,07,71,800
Repair & Maintenance- Machinery (@5% of Cost)	1,01,950	1,07,100	1,12,500	1,18,200	1,24,200	1,30,500	1,37,100
Electricity expense	30,45,000	47,96,000	53,71,500	59,92,600	62,92,300	69,95,600	73,63,500
Insurance cost	30,000	31,500	33,100	34,800	36,600	38,500	40,500
Administrative salaries and wages	27,96,000	29,35,800	30,82,600	32,36,800	33,98,700	35,68,700	37,47,200
Other Misc Expenses [@2% of sales]	7,61,250	11,98,980	13,42,860	14,98,140	15,73,060	17,48,880	18,40,864



Total Cost	3,55,90,400	5,50,24,280	6,16,42,860	6,85,62,340	7,20,49,960	7,98,22,280	8,39,00,964
Profit Before Depreciation, Interest and Tax	44,40,850	60,56,780	58,72,243	67,46,246	67,96,799	80,76,427	81,42,226
Depreciation	13,49,000	11,64,675	10,06,196	8,69,867	7,52,527	6,51,474	5,64,397
Profit Before Interest and Tax	30,91,850	48,92,105	48,66,047	58,76,379	60,44,271	74,24,953	75,77,829
Interest on Term Loan	9,69,265	8,62,019	7,42,363	6,08,860	4,59,909	2,93,721	1,08,301
Interest on Working Capital Loan	1,87,920	1,87,920	1,87,920	1,87,920	1,87,920	1,87,920	1,87,920
Total Interest Paid	11,57,185	10,49,939	9,30,283	7,96,780	6,47,829	4,81,641	2,96,221
Profit Before Tax	19,34,665	38,42,166	39,35,764	50,79,599	53,96,443	69,43,312	72,81,608
Income Tax	3,92,899	9,65,150	9,93,229	13,36,380	14,31,433	18,95,494	19,96,982
Profit after Tax	15,41,765	28,77,016	29,42,535	37,43,219	39,65,010	50,47,818	52,84,625

4.7. Projected Cash Flow

Period Ending:	I	II	III	IV	V	VI	VII
Cash & Bank Balance at Beginning	-	2,53,800	5,99,500	6,71,500	7,49,100	7,86,600	8,74,500
Cash Inflow during the Period	1,73,52,785	59,34,108	45,95,143	54,33,703	50,50,557	67,03,587	63,47,051
Cash Outflow during the Period	1,70,98,985	55,88,408	45,23,143	53,56,103	50,13,057	66,15,687	63,03,351
Closing Cash & Bank Balance	2,53,800	5,99,500	6,71,500	7,49,100	7,86,600	8,74,500	9,18,200

4.8. Projected Loan Repayment

Year	Interest	EMI	Principal
1	9,69,265.23	18,96,045.46	9,26,780.23
2	8,62,019.30	18,96,045.46	10,34,026.16
3	7,42,363.00	18,96,045.46	11,53,682.47
4	6,08,860.20	18,96,045.46	12,87,185.26
5	4,59,908.62	18,96,045.46	14,36,136.84
6	2,93,720.54	18,96,045.46	16,02,324.93
7	1,08,301.36	18,96,045.46	17,87,744.10
Total	40,44,438.25	1,32,72,318.25	92,27,880.00



4.9. Calculation of DSCR, IRR and BEP

Year	I	II	III	IV	V	VI	VII
Net Sales	3,80,62,500	5,99,49,000	6,71,43,000	7,49,07,000	7,86,53,000	8,74,44,000	9,18,17,000
Net Profit	15,41,765	28,77,016	29,42,535	37,43,219	39,65,010	50,47,818	52,84,625
Interest Paid	11,57,185	10,49,939	9,30,283	7,96,780	6,47,829	4,81,641	2,96,221
Cash Accruals (a)	26,98,951	39,26,956	38,72,818	45,39,999	46,12,839	55,29,459	55,80,847
Principal	9,26,780	10,34,026	11,53,682	12,87,185	14,36,137	16,02,325	17,87,744
Interest	11,57,185	10,49,939	9,30,283	7,96,780	6,47,829	4,81,641	2,96,221
Total (b)	20,83,965	20,83,965	20,83,965	20,83,965	20,83,965	20,83,965	20,83,965
DSCR	1.30	1.88	1.86	2.18	2.21	2.65	2.68
Average DSCR	2.11						

Calculation of Break-Even Point (BEP)

Year	I	II	III	IV	V	VI	VII
Sales	4,00,31,250	6,10,81,060	6,75,15,103	7,53,08,586	7,88,46,759	8,78,98,707	9,20,43,190
Variable Cost	2,96,17,450	4,71,53,880	5,30,43,160	5,91,79,940	6,21,98,160	6,90,88,980	7,26,12,664
Contribution	1,04,13,800	1,39,27,180	1,44,71,943	1,61,28,646	1,66,48,599	1,88,09,727	1,94,30,526
Fixed Cost	84,79,135	1,00,85,014	1,05,36,179	1,10,49,047	1,12,52,156	1,18,66,415	1,21,48,918
BEP Sales	3,25,94,287	4,42,30,300	4,91,53,815	5,15,90,699	5,32,89,531	5,54,52,295	5,75,49,918
Average BEP sales	4,91,22,978						

Calculation of Internal Rate of Return (IRR)				
Sl. No.	Year	PAT	Depreciation	Cash Accrual
	Cash outflow at beginning			-1,28,63,200
1	31-03-2023	15,41,765	13,49,000	28,90,765
2	31-03-2024	28,77,016	11,64,675	40,41,691
3	31-03-2025	29,42,535	10,06,196	39,48,731
4	31-03-2026	37,43,219	8,69,867	46,13,086
5	31-03-2027	39,65,010	7,52,527	47,17,537



Calculation of Internal Rate of Return (IRR)				
6	31-03-2028	50,47,818	6,51,474	56,99,293
7	31-03-2029	52,84,625	5,64,397	58,49,022
IRR		25.58%		
Payback Period		3 Years 5 Months		

4.10. Summary of Financial Details

Sl. No.	Name of Assets	Amount (Rs)
1	Land Development	28,200
2	Civil Construction	33,55,000
3	Irrigation/Water Supply	2,50,000
4	Electrification	5,00,000
5	Plant & Machinery	60,90,000
6	Livestock	-
7	Insurance	30,000
8	DPR Cost	-
9	Other Misc. Exp	-
	Total Fixed Cost	1,02,53,200
	Recurring	26,10,000
	Cost of Project	1,28,63,200