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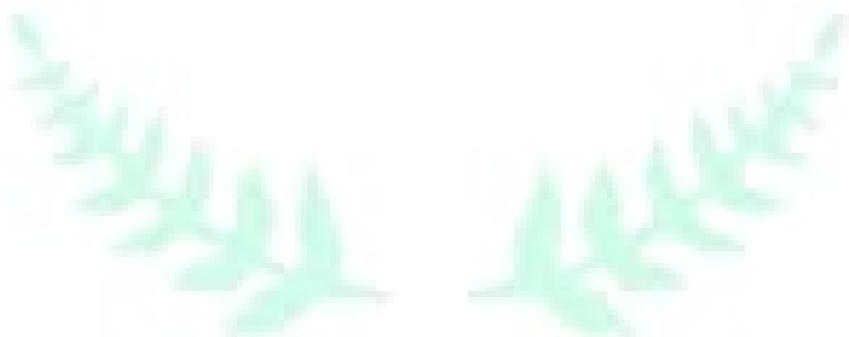
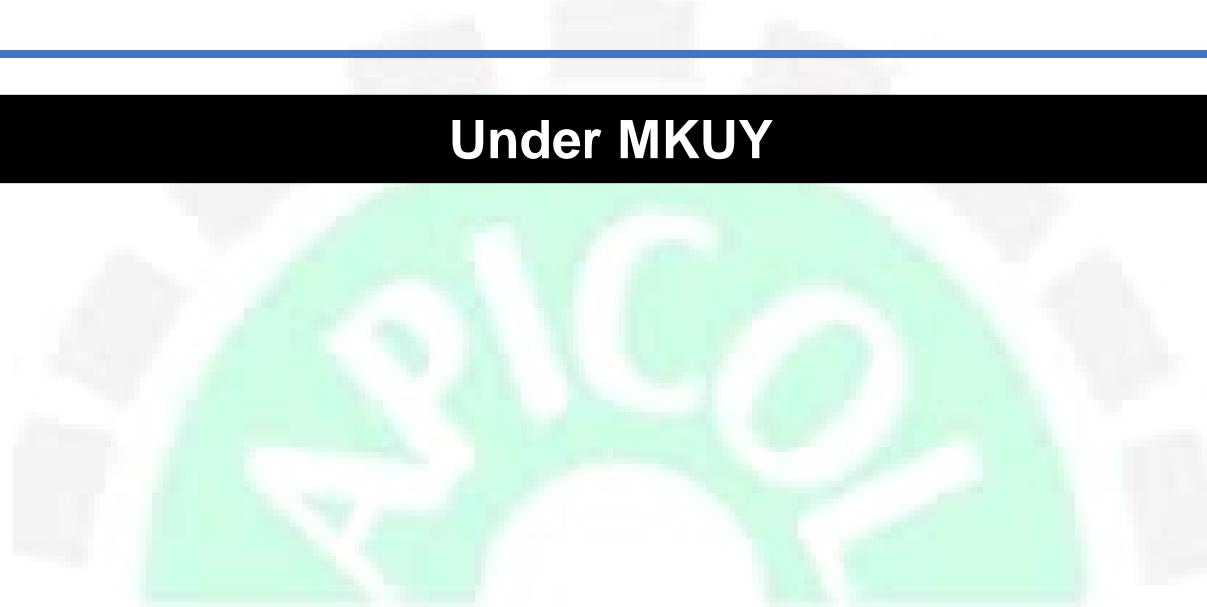
# **Detailed Project Report**

**on**

## **Commercial Broiler Farming – Bank Finance (10,000 EC)**

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**Under MKUY**



**Name of the Entrepreneur/Entity:**

**Address:**



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## 1. Project Summary

1	Name of the Enterprise (as per the Illustrative List of Enterprises)	Commercial Broiler Farming (10,000 EC)
2	Sector (as per the Illustrative List of Enterprises)	ARD
3	Project Capacity <sup>1</sup>	10,000 Birds
4	Key components of the project	Birds raising and selling
5	Project Address (Village/Ward, Gram Panchayat/Municipality, Block, District)	
6	Products/Output from the project	Broiler Chicken
7	Total Project Cost	Rs. 77,52,727
8	Fixed Capital Cost	Rs.54,98,450
9	Working/Recurring capital	Rs. 22,54,277
10	Bank Finance/ Self Finance	Bank Loan
11	Bank Loan Amount	Rs. 69,77,454
12	Promoter Contribution (min 10% in case of bank loan)	Rs. 7,75,273
13	Assumed Rate of Interest	11%
14	Subsidy Eligibility (40%, 50%)	
15	Repayment Terms (Tenure, Moratorium, Frequency, Mode of Repayment: equal principal/equal instalment)	Monthly equated instalments for 7 years
16	Key Financial Indicators: 1. Average Annual Net Profit 2. Debt Service Coverage Ratio (DSCR) 3. Internal Rate of Return 4. Break Even Point (BEP)/Year	Rs. 75,94,204 6.65 71.30% 1 Year 9 Month
17	Estimated employment to be generated (nos.), (if Agro-eco Tourism project, minimum employment must be 8 nos.)	4

<sup>1</sup> 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 <sup>2</sup> 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	
	Farmer Id of Individual, if available	
17	Registration No./ CIN of the Entity <sup>3</sup>	
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.)	

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

<sup>3</sup> Registration document:

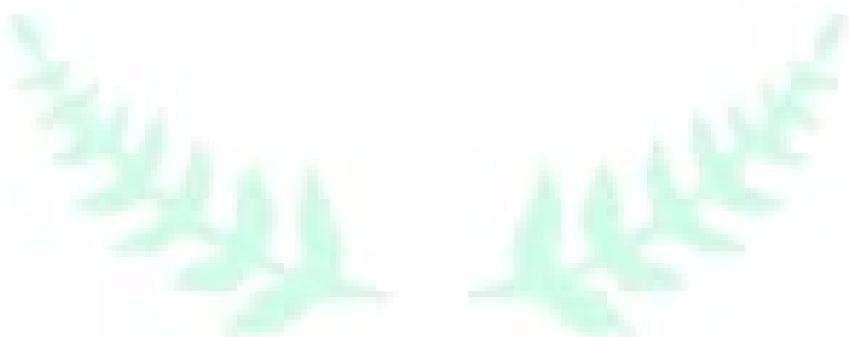
Groups (SHG/PG/ FPO: , Proprietorship firm: Registration Certificate under Shops & Establishment Act,  
Partnership firm: Registration Certificate from IGR of state, Company (Pvt. Ltd., Public Ltd., LLP, OPC, FPC):  
Certification of Incorporation, Cooperative/ Federation: Certificate of Registration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



## 2.2. Project Consultant Details

DPR prepared by: APICOL

Please provide further details of the consultant:





## 2.3. Concept and Scope of the Project

### Introduction

Poultry meat is an important source of high-quality proteins, minerals and vitamins to balance the human diet and has become an important part of the food basket of Indian population. It is a profitable enterprise because of the quick growth of the birds and high feed conversion efficiency. Depending on the farm size, broiler farming can be a main source of family income or can provide subsidiary income and gainful employment to farmers throughout the year. Poultry manure is of high fertilizer value which can be used for increasing yield of all crops.

Poultry is one of the most important and fastest-growing sectors of agriculture sectors today in India. The poultry sector majorly maintains the requirements of protein and nutrition. India today is one of the largest producers of eggs and broiler meat. The Indian poultry market, consisting of broilers and eggs reached a value of INR 1,988 Billion in 2020. Looking forward, the Indian poultry market to grow at a CAGR of 15.2% during 2021-2026.

The poultry industry in India has endured an exemplary transformation in structure and operation during the last two decades and modified into a mega-industry with the presence of a huge number of workers from a mere backward poultry farming that appears to be very fast. In past few years, considerable progress has been made with respect to equipment, vaccines, technical guidance, etc. Owing to an improvement in the management practices, occurrence of mortality has decreased to a great extent. There are also institutes providing training to entrepreneurs. Also since there is considerable importance given to broilers in the national policy, the scope for further development seems good.

### Advantages

Commercial Broiler farming has many benefits. As a result, it is very popular around the globe. The main benefits of commercial broiler farming are listed here.

- Low initial investment
- About 30-40 days of rearing period (5-6 weeks)
- High feed conversion efficiency as compared to other animals
- Quicker realization of returns from investments
- Higher demand for poultry meat because of growth in population, hospitality, tourism industry and lower price as compared to sheep and goat meat.
- Management is in-house and easier as compared to other livestock animals

### Suggested Vaccination Schedule of Broiler Bird

Age	Vaccine to be done	Route of Administration
0 Day	MD	S/C
7 <sup>th</sup> Day	RDV f1	I/O or I/N
10 <sup>th</sup> – 14 <sup>th</sup> Day	IBD	I/O or I/N
21 <sup>st</sup> Day	RDV Lassota	Drinking Water
28 <sup>th</sup> Day	IBD Booster	Drinking Water

**Note:** Vaccination to be done in consultation with local veterinarians



## EC Broiler Farming

Environment Controlled (EC) broiler farming is becoming very popular and gaining momentum in the country. The inside conditions of EC shed is maintained as close to the birds optimum requirements. Climate controlled condition improves the performance of birds with better FCR (Feed Conversion Ratio) and liveability that translates to higher income than in conventional type. The EC houses insulate the birds from fluctuations in temperature that lowers the mortality rate.

Advantages of EC Broiler Farming:

- Comfort level of birds is high in an EC broiler farm.
- Cost of production is low
- Death of birds is low in comparison to conventional farms (3%-4%)
- Less floor space requirement per bird resulting in high density stocking
- Growth rate of bird is uniform
- Less manual labour requirement due to mechanization of feeding and drinking
- Improved Feed Conversion Ratio (FCR) i.e. less feed is required to produce a KG of broiler meat in comparison to conventional housing
- Increased productivity and health of the bird (reduced cost of vaccine and medication)
- Birds always get fresh air and ammonia is removed
- Human error is reduced due to use of electronic controllers and automation.

For such project, the entrepreneur has to obtain “Consent to Establish & Consent to Operate” from the State Pollution Control Board, Odisha.

### 3. Techno-commercial Assumption

Sl. No.	Parameter	Value	Unit
1	Increase in selling price of live bird per year	5	%
2	Increase in rate of electricity, feed, medicine etc. per year	5	%
3	Collection from Debtors (First Year)	10	Days
4	Collection from Debtors	10	Days
5	Payable to Creditors	15	Days
6	Drawing By Promoter	30	%
7	Increase in Staff Salary	5	%
8	Rate of Interest on TL	11	%
9	Rate of Interest on WC	10	%
10	Loan Repayment (in year)	7	Years
11	Raw Material in Stock (on sales)	10	Days
12	Finished Goods in stock (on sales)	5	Days
13	Promoter's Contribution (Term Loan)	10	%
14	Promoter's Contribution (Working Capital)	10	%
15	Working Capital Requirement	35	Days
17	Working Capital Utilisation	100	%
18	Cost of land development / LS	20000	Rs.
19	Cost of fencing / LS	40000	Rs.
20	Cost of shed construction / sq.ft.	350	Rs.
21	Cost of storeroom construction / sq.ft.	350	Rs.
22	Cost of office construction / sq.ft.	650	Rs.



<b>Sl. No.</b>	<b>Parameter</b>	<b>Value</b>	<b>Unit</b>
23	Cost of labour shed construction / sq.ft.	350	Rs.
24	Borewell / Tube well, Pump & Pipeline, Sump / Overhead Tank	150000	Rs.
25	No. of Foggers required/1000 Birds	18	Nos.
26	Cost of Foggers	40	Rs.
27	No. of Sprinklers required/1000 Birds	5	Nos.
28	Cost of Sprinklers	75	Rs.
29	Cost of electrification (Transformer, DG, fittings and installation)	800000	Rs.
30	Cost of equipment / bird	130	Rs.
31	Cost / Day Old Chick	35	Rs.
32	Cost of feed / kg	42	Rs.
33	Cost of medicine, vaccine etc. / bird / batch	8	Rs.
34	Cost of litter / bird / batch	1	Rs.
35	Birds per batch	10000	No
36	Rearing period	5.5	Week
37	Batches reared per year	7	No
38	Batches sold per year	7	No
39	Space requirement per bird	0.8	sq.ft.
40	Labour Shed	250	sq.ft.
41	Office	200	sq.ft.
42	Storeroom	300	sq.ft.
43	Mortality during rearing	5	%
44	Supply of free chicks from hatchery	2	%
45	DOC to be purchased / batch	10200	No
46	Feed requirement / bird / batch	4	kg
47	Average body weight / bird at sale	2.2	kg
48	Sale price / kg live weight	100	Rs.

<b>Flock Projection Chart</b>		
<b>Year</b>	<b>No. of Batches Reared</b>	<b>No. of Batches Sold</b>
1	7	7
2	7	7
3	7	7
4	7	7
5	7	7
6	7	7
7	7	7

<b>Mortality per year</b>	3570
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#### 4. Financial Details

##### 4.1. Project Fixed Capital

<b>Details of Fixed Assets</b>					
<b>Sl. No.</b>	<b>Particulars</b>	<b>Unit</b>	<b>Qty.</b>	<b>Cost per unit (Rs)</b>	<b>Total (Rs)</b>
<b>A</b>	<b>Land</b>				
1	Land Development	Acre	0.5	LS	20,000
2	Fencing (Barbed wire)	Acre	0.5	LS	40,000
	<b>Sub Total</b>				<b>60,000</b>
<b>B</b>	<b>Civil Construction</b>				
1	EC Broiler Shed	Sq. ft	8000	350	28,00,000
2	Storeroom	Sq. ft	300	350	1,05,000
3	Office	Sq. ft	200	650	1,30,000
4	Labour shed	Sq. ft	250	350	87,500
	<b>Sub Total</b>				<b>31,22,500</b>
<b>C</b>	<b>Water Supply</b>				
1	Borewell/Tube well, Pump & Pipeline, Sump/Overhead Tank			LS	LS 1,50,000
2	Foggers	Nos	180	40	7,200
3	Sprinklers	Nos	50	75	3,750
	<b>Total</b>				<b>1,60,950</b>
<b>D</b>	<b>Electrification</b>				
1	Cost of electrification (DG Set, fittings & installation)	LS			<b>8,00,000</b>
	<b>Total</b>				<b>8,00,000</b>
<b>E</b>	<b>Plant &amp; Machinery</b>				
<b>Sl. No.</b>	<b>Particulars</b>	<b>Specification</b>	<b>Qty</b>	<b>Unit Price</b>	<b>total</b>
1	Cost of Equipment	Nos	10000	130	13,00,000
	<b>Total</b>				<b>13,00,000</b>
<b>F</b>	<b>Miscellaneous Expenditure</b>				
1	Insurance premium of assets				30000
2	Cost of DPR preparation				18,296
3	Other misc. exp.				6,704
	<b>Total Miscellaneous Expenditure</b>				<b>55,000</b>

##### 1. Project Variable Expenses

<b>Details of Recurring Expenditure</b>						
<b>A</b>	<b>Details of raw material</b>					
<b>Sl. No.</b>	<b>Items</b>	<b>Unit</b>	<b>Qty/day</b>	<b>Qty/annum</b>	<b>Rate/Unit (in Rs)</b>	<b>Total (Rs)</b>
1	Chicks Cost	Nos.		10,000	35	3,50,000
2	Feed Cost	Kg		40,000	42	16,80,000
3	Medicine & Vaccine Cost	Nos.		10,000	8	80,000
4	Litter Cost	Nos.		10,000	1	10,000
	<b>Total</b>					<b>21,20,000</b>



### 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	Semi-Skilled	2	15,000	360000
2	Unskilled	3	10,000	360000
	<b>Total</b>			<b>7,20,000</b>

### 2. Details of Sales

#### Details of sales

Sl. No.	Type of products	Unit	Quantity/day	Quantity per annum	Rate/Unit (Rs)	Total (Rs)
1	Sale of Birds	Nos.		66,430	220	1,46,14,600
2	Sale of Manure	Kg		66,430	0.7	46,501
3	Sale of Gunny Bags	Nos.		800	2	1,600
	<b>Total</b>			<b>1,33,660</b>		<b>1,46,62,701</b>



### 3. Project Balance Sheet

<b>Liabilities</b>	I	II	III	IV	V	VI	VII
<b>Opening Capital</b>	-	<b>15,98,592</b>	<b>63,90,057</b>	<b>99,73,210</b>	<b>1,28,30,622</b>	<b>1,51,91,247</b>	<b>1,72,17,535</b>
Add: Introduced	7,75,273						
Add: Profit	11,76,320	75,30,464	78,58,154	83,56,412	88,71,625	94,06,288	99,60,191
Less: Drawing	3,53,000	27,39,000	42,75,000	54,99,000	65,11,000	73,80,000	81,54,000
<b>Closing Capital</b>	<b>15,98,592</b>	<b>63,90,057</b>	<b>99,73,210</b>	<b>1,28,30,622</b>	<b>1,51,91,247</b>	<b>1,72,17,535</b>	<b>1,90,23,726</b>
Term Loan from Bank	44,51,604	38,97,090	32,78,408	25,88,134	18,17,981	9,58,708	-
<b>Current Liabilities</b>							
Cash Credit from Bank	20,28,849	20,28,849	20,28,849	20,28,849	20,28,849	20,28,849	20,28,849
Sundry Creditors	31,800	1,11,300	1,16,900	1,22,750	1,28,900	1,35,350	1,42,150
Expenses Payable	89,900	1,40,700	1,49,400	1,58,800	1,69,100	1,80,400	1,92,900
Current Provisions	2,36,280	29,59,485	30,99,923	33,13,462	35,34,268	37,63,409	40,00,796
<b>Total Current Liabilities</b>	<b>23,86,829</b>	<b>52,40,334</b>	<b>53,95,073</b>	<b>56,23,862</b>	<b>58,61,117</b>	<b>61,08,009</b>	<b>63,64,695</b>
<b>Total Liabilities</b>	<b>84,37,025</b>	<b>1,55,27,481</b>	<b>1,86,46,691</b>	<b>2,10,42,618</b>	<b>2,28,70,345</b>	<b>2,42,84,252</b>	<b>2,53,88,421</b>
<b>Assets</b>							
Fixed Assets	54,98,450	54,98,450	54,98,450	54,98,450	54,98,450	54,98,450	54,98,450
Less Depreciation	6,43,345	12,06,606	17,00,152	21,32,965	25,12,824	28,46,476	31,39,774
<b>Net Fixed Assets</b>	<b>48,55,105</b>	<b>42,91,845</b>	<b>37,98,298</b>	<b>33,65,485</b>	<b>29,85,626</b>	<b>26,51,974</b>	<b>23,58,676</b>
<b>Current Assets</b>							
Sundry Debtors	1,46,700	5,13,200	5,38,900	5,65,900	5,94,200	6,23,900	6,55,100
Inventories	94,514	1,47,514	3,34,600	3,51,333	3,68,917	3,87,367	4,06,733
Cash and Bank Balance	29,400	1,02,700	1,07,800	1,13,200	1,18,900	1,24,800	1,31,100
Other Current Assets	33,11,307	1,04,72,223	1,38,67,094	1,66,46,700	1,88,02,703	2,04,96,211	2,18,36,812
<b>Total Current Assets</b>	<b>35,81,920</b>	<b>1,12,35,636</b>	<b>1,48,48,394</b>	<b>1,76,77,133</b>	<b>1,98,84,720</b>	<b>2,16,32,278</b>	<b>2,30,29,745</b>
<b>Total Assets</b>	<b>84,37,025</b>	<b>1,55,27,481</b>	<b>1,86,46,691</b>	<b>2,10,42,618</b>	<b>2,28,70,345</b>	<b>2,42,84,252</b>	<b>2,53,88,421</b>



#### 4.5. Calculation of Depreciation

Rates of Depreciation		10%	15%	Total depreciation for the year	
Year	1	3,28,345	3,15,000		6,43,345
	2	2,95,511	2,67,750		5,63,261
	3	2,65,959	2,27,588		4,93,547
	4	2,39,364	1,93,449		4,32,813
	5	2,15,427	1,64,432		3,79,859
	6	1,93,884	1,39,767		3,33,652
	7	1,74,496	1,18,802		2,93,298

#### 4.6. Projected P&L

Description	Year ending March 31st						
	I	II	III	IV	V	VI	VII
Capacity Utilisation	30	100	100	100	100	100	100
<b>Revenue</b>							
Sales	43,98,810	1,53,96,000	1,61,66,000	1,69,75,000	1,78,24,000	1,87,16,000	1,96,52,000
Opening Stock of Finished Goods	-	(73,314)	(2,56,600)	(2,69,433)	(2,82,917)	(2,97,067)	(3,11,933)
Closing Stock of Finished Goods	73,314	2,56,600	2,69,433	2,82,917	2,97,067	3,11,933	3,27,533
<b>Total Income (A)</b>	<b>44,72,124</b>	<b>1,55,79,286</b>	<b>1,61,78,833</b>	<b>1,69,88,483</b>	<b>1,78,38,150</b>	<b>1,87,30,867</b>	<b>1,96,67,600</b>
<b>Expenditure</b>							
Opening stock of Raw Material	-	21,200	74,200	78,000	81,900	86,000	90,300
Purchase (Net) of Material	6,36,000	22,26,000	23,38,000	24,55,000	25,78,000	27,07,000	28,43,000
Closing Stock of Raw material	21,200	74,200	78,000	81,900	86,000	90,300	94,800
<b>Raw Material Consumption</b>	<b>6,14,800</b>	<b>21,73,000</b>	<b>23,34,200</b>	<b>24,51,100</b>	<b>25,73,900</b>	<b>27,02,700</b>	<b>28,38,500</b>
Repair & Maintenance- Machinery (@2% of Cost)	1,08,769	1,30,600	1,56,800	1,88,200	2,25,900	2,71,100	3,25,400
Electricity expense	1,31,964	4,61,900	4,85,000	5,09,300	5,34,800	5,61,500	5,89,600
Insurance cost	30,000	31,500	33,100	34,800	36,600	38,500	40,500
Administrative salaries and wages	7,20,000	7,56,000	7,93,800	8,33,500	8,75,200	9,19,000	9,65,000
Other Misc. Expenses [@1% of sales]	87,976	3,07,920	3,23,320	3,39,500	3,56,480	3,74,320	3,93,352
<b>Total Cost</b>	<b>16,93,510</b>	<b>38,60,920</b>	<b>41,26,220</b>	<b>43,56,400</b>	<b>46,02,880</b>	<b>48,67,120</b>	<b>51,52,352</b>
<b>Profit Before Depreciation, Interest and Tax</b>	<b>27,78,614</b>	<b>1,17,18,366</b>	<b>1,20,52,613</b>	<b>1,26,32,083</b>	<b>1,32,35,270</b>	<b>1,38,63,747</b>	<b>1,45,15,248</b>
Depreciation	6,43,345	5,63,261	4,93,547	4,32,813	3,79,859	3,33,652	2,93,298



<b>Profit Before Interest and Tax</b>	<b>21,35,269</b>	<b>1,11,55,106</b>	<b>1,15,59,066</b>	<b>1,21,99,270</b>	<b>1,28,55,411</b>	<b>1,35,30,095</b>	<b>1,42,21,950</b>
Interest on Term Loan	5,19,785	4,62,272	3,98,105	3,26,511	2,46,634	1,57,513	58,078
Interest on Working Capital Loan	2,02,885	2,02,885	2,02,885	2,02,885	2,02,885	2,02,885	2,02,885
<b>Total Interest Paid</b>	<b>7,22,670</b>	<b>6,65,157</b>	<b>6,00,990</b>	<b>5,29,396</b>	<b>4,49,519</b>	<b>3,60,398</b>	<b>2,60,963</b>
<b>Profit Before Tax</b>	<b>14,12,600</b>	<b>1,04,89,949</b>	<b>1,09,58,077</b>	<b>1,16,69,874</b>	<b>1,24,05,892</b>	<b>1,31,69,698</b>	<b>1,39,60,987</b>
Income Tax	2,36,280	29,59,485	30,99,923	33,13,462	35,34,268	37,63,409	40,00,796
<b>Profit after Tax</b>	<b>11,76,320</b>	<b>75,30,464</b>	<b>78,58,154</b>	<b>83,56,412</b>	<b>88,71,625</b>	<b>94,06,288</b>	<b>99,60,191</b>

#### 4.7. Projected Cash Flow

<b>Period Ending:</b>	<b>I</b>	<b>II</b>	<b>III</b>	<b>IV</b>	<b>V</b>	<b>VI</b>	<b>VII</b>
Cash & Bank Balance at Beginning	-	29,400	1,02,700	1,07,800	1,13,200	1,18,900	1,24,800
<b>Cash Inflow during the Period</b>	<b>90,80,370</b>	<b>1,09,47,229</b>	<b>85,06,439</b>	<b>90,18,014</b>	<b>94,88,739</b>	<b>99,86,831</b>	<b>1,05,10,175</b>
<b>Cash Outflow during the Period</b>	<b>90,50,970</b>	<b>1,08,73,929</b>	<b>85,01,339</b>	<b>90,12,614</b>	<b>94,83,039</b>	<b>99,80,931</b>	<b>1,05,03,875</b>
<b>Closing Cash &amp; Bank Balance</b>	<b>29,400</b>	<b>1,02,700</b>	<b>1,07,800</b>	<b>1,13,200</b>	<b>1,18,900</b>	<b>1,24,800</b>	<b>1,31,100</b>

#### 4.8. Projected Loan Repayment

<b>Year</b>	<b>Interest</b>	<b>EMI</b>	<b>Principal</b>
1	5,19,785	10,16,786	4,97,001
2	4,62,272	10,16,786	5,54,514
3	3,98,105	10,16,786	6,18,682
4	3,26,511	10,16,786	6,90,275
5	2,46,634	10,16,786	7,70,152
6	1,57,513	10,16,786	8,59,274
7	58,078	10,16,786	9,58,708
<b>Total</b>	<b>21,68,898</b>	<b>71,17,503</b>	<b>49,48,605</b>

#### 4.6. Calculation of DSCR, IRR and BEP

<b>Year</b>	<b>I</b>	<b>II</b>	<b>III</b>	<b>IV</b>	<b>V</b>	<b>VI</b>	<b>VII</b>
Net Sales	43,98,810	1,53,96,000	1,61,66,000	1,69,75,000	1,78,24,000	1,87,16,000	1,96,52,000
Net Profit	11,76,320	75,30,464	78,58,154	83,56,412	88,71,625	94,06,288	99,60,191
Interest Paid	7,22,670	6,65,157	6,00,990	5,29,396	4,49,519	3,60,398	2,60,963
<b>Cash Accruals (a)</b>	<b>18,98,989</b>	<b>81,95,621</b>	<b>84,59,143</b>	<b>88,85,808</b>	<b>93,21,143</b>	<b>97,66,686</b>	<b>1,02,21,154</b>



<b>Year</b>	<b>I</b>	<b>II</b>	<b>III</b>	<b>IV</b>	<b>V</b>	<b>VI</b>	<b>VII</b>
Principal	4,97,001	5,54,514	6,18,682	6,90,275	7,70,152	8,59,274	9,58,708
Interest	7,22,670	6,65,157	6,00,990	5,29,396	4,49,519	3,60,398	2,60,963
<b>Total (b)</b>	<b>12,19,671</b>						
DSCR	1.56	6.72	6.94	7.29	7.64	8.01	8.38
<b>Average DSCR</b>				<b>6.65</b>			

#### Calculation of Internal Rate of Return (IRR)

Sl. No.	Year	PAT	Depreciation	Cash Accrual
	Cash outflow at beginning			-77,52,727
1	31-03-2023	11,76,320	6,43,345	18,19,665
2	31-03-2024	75,30,464	5,63,261	80,93,725
3	31-03-2025	78,58,154	4,93,547	83,51,701
4	31-03-2026	83,56,412	4,32,813	87,89,225
5	31-03-2027	88,71,625	3,79,859	92,51,484
6	31-03-2028	94,06,288	3,33,652	97,39,940
7	31-03-2029	99,60,191	2,93,298	1,02,53,489
IRR		<b>71.30%</b>		
<b>Payback Period</b>			<b>1 Years 9 Months</b>	

#### Calculation of Break-Even Point (BEP)

Sales	<b>44,72,124</b>	<b>1,55,79,286</b>	<b>1,61,78,833</b>	<b>1,69,88,483</b>	<b>1,78,38,150</b>	<b>1,87,30,867</b>	<b>1,96,67,600</b>
Variable Cost	7,02,776	24,80,920	26,57,520	27,90,600	29,30,380	30,77,020	32,31,852
<b>Contribution</b>	<b>37,69,348</b>	<b>1,30,98,366</b>	<b>1,35,21,313</b>	<b>1,41,97,883</b>	<b>1,49,07,770</b>	<b>1,56,53,847</b>	<b>1,64,35,748</b>
Fixed Cost	23,56,748	26,08,418	25,63,236	25,28,009	25,01,878	24,84,149	24,74,761
<b>BEP Sales</b>	<b>27,96,152</b>	<b>31,02,470</b>	<b>30,67,023</b>	<b>30,24,891</b>	<b>29,93,665</b>	<b>29,72,449</b>	<b>29,61,387</b>
<b>Average BEP sales</b>				<b>29,88,291</b>			



#### 4.9. Summary of Financial Details

Sl. No.	Name of Assets	Amount
1	Land Development and Fencing	60,000
2	Civil Construction	31,22,500
3	Irrigation/Water Supply	1,60,950
4	Electrification	8,00,000
5	Plant & Machinery	13,00,000
6	Livestock	-
7	Insurance	30,000
8	DPR Cost	18,296
9	Other Misc. Exp	6,704
<b>Total Fixed Cost</b>		<b>54,98,450</b>
<b>Recurring</b>		<b>22,54,277</b>
<b>Cost of Project</b>		<b>77,52,727</b>