

# Section 7: Financial Plan and Key Indicators

## 7.1. P & L Statement of Cleaning & Grading unit

(Amount in Rs.)

Particulars	Rate	Y1	Y2	Y3	Y4	Y5	Y6	Y7
<b>Revenue</b>								
Soybean	Quintal 5,500	46,70,637	57,56,440	68,02,639	79,39,066	91,72,129	1,05,08,652	1,19,55,896
Red Gram	Quintal 6,500	48,28,022	59,50,412	70,31,864	82,06,585	94,81,199	1,08,62,758	1,23,58,769
Maize	Quintal 1,800	1,03,74,036	1,14,39,865	1,35,18,993	1,57,77,433	1,82,27,920	2,08,84,012	2,37,60,144
Bengal Gram	Quintal 5,500	33,34,087	41,09,176	48,55,994	56,67,222	65,47,432	75,01,494	85,34,595
<b>Job Work Charges</b>	Quintal 80	24,75,863	29,71,036	35,09,536	40,94,459	47,29,100	54,16,969	61,61,802
<b>Total Revenue</b>		<b>2,56,82,645</b>	<b>3,02,26,930</b>	<b>3,57,19,026</b>	<b>4,16,84,765</b>	<b>4,81,57,780</b>	<b>5,51,73,885</b>	<b>6,27,71,206</b>
<b>Expenses</b>								
<b>Variable Cost</b>								
Soybean	Quintal 5,250	46,90,023	56,28,027	66,48,107	77,56,125	89,58,324	1,02,61,353	1,16,72,289
Red Gram	Quintal 6,000	46,88,234	56,25,881	66,45,572	77,53,167	89,54,908	1,02,57,440	1,16,67,838
Maize	Quintal 1,650	89,50,694	1,07,40,833	1,26,87,608	1,48,02,210	1,70,96,552	1,95,83,324	2,22,76,031
Bengal Gram	Quintal 5,000	31,88,500	38,26,200	45,19,699	52,72,982	60,90,294	69,76,155	79,35,376
Daily Labour	10 300	3,86,854	4,64,224	5,48,365	6,39,759	7,38,922	8,46,401	9,62,782
Electricity Charges	220.816 10	2,84,745	3,41,694	4,03,626	4,70,897	5,43,886	6,22,997	7,08,659
Packaging Expenses								
Quintals	30	1,61,800	1,94,160	2,29,351	2,67,576	3,09,050	3,54,003	4,02,679
Outward-Transportation Cost	40	2,15,733	2,58,879	3,05,801	3,56,768	4,12,067	4,72,004	5,36,905
Add: Opening Stock			6,76,997	8,12,397	9,59,644	11,19,585	12,93,120	14,81,210
Less: Closing Stock			6,76,997	8,12,397	9,59,644	11,19,585	12,93,120	14,81,210
<b>Total Variable Cost</b>		<b>2,18,89,584</b>	<b>2,69,44,498</b>	<b>3,18,40,882</b>	<b>3,71,59,544</b>	<b>4,29,30,469</b>	<b>4,91,85,587</b>	<b>5,59,58,892</b>
<b>Fixed Cost</b>								
Machine Operator	1 12,000	1,44,000	1,51,200	1,58,760	1,66,698	1,75,033	1,83,785	1,92,974
Support staff	2 8,000	1,92,000	2,01,600	2,11,680	2,22,264	2,33,377	2,45,046	2,57,298
<b>Total Fixed Cost</b>		<b>3,36,000</b>	<b>3,52,800</b>	<b>3,70,440</b>	<b>3,88,962</b>	<b>4,08,410</b>	<b>4,28,831</b>	<b>4,50,272</b>
<b>Total Expenses</b>		<b>2,22,25,584</b>	<b>2,72,97,298</b>	<b>3,22,11,322</b>	<b>3,75,48,506</b>	<b>4,33,38,879</b>	<b>4,96,14,418</b>	<b>5,64,09,164</b>
<b>Operating Income</b>		<b>34,57,061</b>	<b>29,29,631</b>	<b>35,07,704</b>	<b>41,36,260</b>	<b>48,18,902</b>	<b>55,59,467</b>	<b>63,62,042</b>

**7.2. P & L Statement of Cattle Feed Unit**

(Amount in Rs.)

Particulars	Unit	Rate	Y1	Y2	Y3	Y4	Y5	Y6	Y7
<b>Revenue</b>									
Cattle Feed	50 Kg	1250	2,81,88,873	3,44,60,171	4,04,55,102	4,69,63,375	5,40,21,338	6,16,67,688	6,99,43,621
<b>Revenue</b>			<b>2,81,88,873</b>	<b>3,44,60,171</b>	<b>4,04,55,102</b>	<b>4,69,63,375</b>	<b>5,40,21,338</b>	<b>6,16,67,688</b>	<b>6,99,43,621</b>
<b>Expenses</b>									
<b>Variable Cost</b>									
Maize	Quintal	1,650	1,91,80,058	2,28,24,269	2,67,84,951	3,10,84,641	3,57,47,337	4,07,98,591	4,62,65,602
Mineral & other consumables	Quintal	2,000	23,24,856	27,66,578	32,46,661	37,67,835	43,33,011	49,45,284	56,07,952
Daily Labour	5	300	2,17,955	2,59,367	3,04,374	3,53,235	4,06,220	4,63,620	5,25,745
Electricity Charges	346.144	10	5,02,959	4,79,756	5,49,538	6,25,100	7,06,844	7,95,199	8,90,623
packaging Exp	50 Kg	25	5,81,214	6,91,645	8,11,665	9,41,959	10,83,253	12,36,321	14,01,988
Outward-Transportation Charges	50 Kg	30	6,97,457	8,29,973	9,73,998	11,30,351	12,99,903	14,83,585	16,82,386
Add: Opening Stock				7,05,135	8,35,548	9,80,136	11,37,094	13,07,297	14,91,678
Less: Closing Stock			7,05,135	8,35,548	9,80,136	11,37,094	13,07,297	14,91,678	16,91,229
<b>Total Variable Cost</b>			<b>2,27,99,364</b>	<b>2,77,21,175</b>	<b>3,25,26,600</b>	<b>3,77,46,162</b>	<b>4,34,06,363</b>	<b>4,95,38,219</b>	<b>5,61,74,745</b>
<b>Fixed Cost</b>									
Machine Operator	1	12,000	1,44,000	1,51,200	1,58,760	1,66,698	1,75,033	1,83,785	1,92,974
Support Staff	2	8,000	1,92,000	2,01,600	2,11,680	2,22,264	2,33,377	2,45,046	2,57,298
<b>Fixed Cost</b>			<b>3,36,000</b>	<b>3,52,800</b>	<b>3,70,440</b>	<b>3,88,962</b>	<b>4,08,410</b>	<b>4,28,831</b>	<b>4,50,272</b>
<b>Total expenses</b>			<b>2,31,35,364</b>	<b>2,80,73,975</b>	<b>3,28,97,040</b>	<b>3,81,35,124</b>	<b>4,38,14,773</b>	<b>4,99,67,050</b>	<b>5,66,25,017</b>
<b>Operating Profit</b>			<b>50,53,510</b>	<b>63,86,196</b>	<b>75,58,062</b>	<b>88,28,251</b>	<b>1,02,06,565</b>	<b>1,17,00,639</b>	<b>1,33,18,604</b>

### 7.3. Closing Stock and Opening Stock Calculation

Particulars	(Amount in Rs.)						
	Y1	Y2	Y3	Y4	Y5	Y6	Y7
Opening Stock							
Trading		6,76,997	8,12,397	9,59,644	11,19,585	12,93,120	14,81,210
Grain Processing		7,05,135	8,35,548	9,80,136	11,37,094	13,07,297	14,91,678
<b>Total</b>		13,82,132	16,47,945	19,39,780	22,56,678	26,00,417	29,72,888
Closing Stock							
Trading	3%	6,76,997	8,12,397	9,59,644	11,19,585	12,93,120	14,81,210
Cattle Feed Unit	3%	7,05,135	8,35,548	9,80,136	11,37,094	13,07,297	14,91,678
<b>Total</b>		13,82,132	16,47,945	19,39,780	22,56,678	26,00,417	29,72,888

### 7.4. Working Capital Calculation

Sr. No.	Particulars	Duration (In days)	Amount (Rs.)						
			Y1	Y2	Y3	Y4	Y5	Y6	Y7
	<b>A</b>								
	Accounts Receivables (Debtors)								
1	Trading	14	9,85,088	11,59,389	13,70,045	15,98,868	18,47,148	21,16,259	24,07,663
2	Cattle Feed Unit	14	10,81,217	13,21,760	15,51,703	18,01,335	20,72,051	23,65,336	26,82,769
	<b>Subtotal</b>		20,66,305	24,81,149	29,21,747	34,00,203	39,19,199	44,81,595	50,90,432
	<b>B</b>								
	Closing Stock		13,82,132	16,47,945	19,39,780	22,56,678	26,00,417	29,72,888	33,76,106
	<b>Total</b>		34,48,437	41,29,094	48,61,527	56,56,881	65,19,616	74,54,483	84,66,537
	<b>C</b>								
	Accounts Payable & Accrued Expenses (Creditors)								
1	Trading	7	4,32,784	5,19,341	6,13,471	7,15,716	8,26,652	9,46,892	10,77,090
2	Cattle Feed Unit	7	4,50,771	5,34,140	6,26,571	7,26,909	8,35,715	9,53,584	10,81,151
	<b>Total</b>		8,83,555	10,53,481	12,40,042	14,42,625	16,62,367	19,00,477	21,58,241
	<b>D</b>								
	Working Capital		25,64,882	30,75,613	36,21,485	42,14,255	48,57,249	55,54,006	63,08,296
	Own Contribution	25%	6,41,221						

### 7.5. General Admin Expenses Schedule

(Amount in Rs.)

Particulars	Unit	No. of Unit	Unit Cost	Y1	Y2	Y3	Y4	Y5	Y6	Y7
Manager	No.	1	25,000	3,00,000	3,15,000	3,30,750	3,47,288	3,64,652	3,82,884	4,02,029
Accountant	No.	1	20,000	2,40,000	2,52,000	2,64,600	2,77,830	2,91,722	3,06,308	3,21,623
Watchmen	No.	3	10,000	3,60,000	3,78,000	3,96,900	4,16,745	4,37,582	4,59,461	4,82,434
Telephone and internet Exp	Months	12	2,000	24,000	25,200	26,460	27,783	29,172	30,631	32,162
Office Electricity Exp	Months	12	5,000	60,000	63,000	66,150	69,458	72,930	76,577	80,406
Printing & Stationary	Months	12	5,000	60,000	63,000	66,150	69,458	72,930	76,577	80,406
Land Lease	Months	12	5,000	60,000	63,000	66,150	69,458	72,930	76,577	80,406
Misc. Expenses	Months	12	10,000	1,20,000	1,26,000	1,32,300	1,38,915	1,45,861	1,53,154	1,60,811
Audit and Legal Compliances expenses	Lum sum	1	1,00,000	1,00,000	1,05,000	1,10,250	1,15,763	1,21,551	1,27,628	1,34,010
				-	-	-	-	-	-	-
<b>Total Admin Expense</b>				<b>13,24,000</b>	<b>13,90,200</b>	<b>14,59,710</b>	<b>15,32,696</b>	<b>16,09,330</b>	<b>16,89,797</b>	<b>17,74,287</b>

### 7.6. Amortization Schedule

(Amount in Rs.)

Particulars	Years	Y1	Y2	Y3	Y4	Y5	Y6	Y7
Preliminary Expenses	5	20,000	20,000	20,000	20,000	20,000	-	-
<b>Total Value</b>		<b>20,000</b>	<b>20,000</b>	<b>20,000</b>	<b>20,000</b>	<b>20,000</b>	<b>-</b>	<b>-</b>

### 7.7. Tax Calculation

(Amount in Rs.)

Particulars	Y1	Y2	Y3	Y4	Y5	Y6	Y7
EBT	33,10,915	41,60,008	60,98,342	82,17,396	1,05,35,203	1,28,67,245	1,51,12,780
Add Depreciation as per companies Act	20,36,583	20,36,583	20,36,583	20,36,583	20,36,583	20,36,583	20,36,583
Less Depreciation as per IT Act	51,27,387	43,80,047	37,51,396	32,19,467	27,67,405	23,81,960	20,52,501
Taxable Income	2,20,110	18,16,544	43,83,529	70,34,512	98,04,381	1,25,21,869	1,50,96,863
<b>Provision of Taxes</b>	<b>57,229</b>	<b>4,72,302</b>	<b>11,39,717</b>	<b>18,28,973</b>	<b>25,49,139</b>	<b>32,55,686</b>	<b>39,25,184</b>

## 7.8. Depreciation

### 7.8.1 Depreciation - SLM (As per Companies act,2013)

Particulars	(Amount in Rs.)						
	Y1	Y2	Y3	Y4	Y5	Y6	Y7
<b>Assets</b>							
<b>Building</b>							
Asset Value	1,01,97,296	98,74,042	95,50,787	92,27,533	89,04,279	85,81,025	82,57,770
Depreciation	3,23,254	3,23,254	3,23,254	3,23,254	3,23,254	3,23,254	3,23,254
Accumulated Depreciation	3,23,254	6,46,509	9,69,763	12,93,017	16,16,271	19,39,526	22,62,780
Net Fixed Assets	98,74,042	95,50,787	92,27,533	89,04,279	85,81,025	82,57,770	79,34,516
<b>Plant and Machinery</b>							
Asset Value	2,66,05,213	2,49,21,103	2,32,36,993	2,15,52,883	1,98,68,773	1,81,84,663	1,65,00,553
Depreciation	16,84,110	16,84,110	16,84,110	16,84,110	16,84,110	16,84,110	16,84,110
Accumulated Depreciation	16,84,110	33,68,220	50,52,330	67,36,440	84,20,550	1,01,04,660	1,17,88,770
Net Fixed Assets	2,49,21,103	2,32,36,993	2,15,52,883	1,98,68,773	1,81,84,663	1,65,00,553	1,48,16,443
<b>IT Infrastructure</b>							
Asset Value	2,92,190	2,62,971	2,33,752	2,04,533	1,75,314	1,46,095	1,16,876
Depreciation	29,219	29,219	29,219	29,219	29,219	29,219	29,219
Accumulated Depreciation	29,219	58,438	87,657	1,16,876	1,46,095	1,75,314	2,04,533
Net Fixed Assets	2,62,971	2,33,752	2,04,533	1,75,314	1,46,095	1,16,876	87,657
<b>Gross Fixed Asset</b>	<b>3,70,94,699</b>	<b>3,50,58,115</b>	<b>3,30,21,532</b>	<b>3,09,84,949</b>	<b>2,89,48,366</b>	<b>2,69,11,782</b>	<b>2,48,75,199</b>
<b>Total Depreciation</b>	<b>20,36,583</b>	<b>20,36,583</b>	<b>20,36,583</b>	<b>20,36,583</b>	<b>20,36,583</b>	<b>20,36,583</b>	<b>20,36,583</b>
<b>Accumulated Depreciation</b>	<b>20,36,583</b>	<b>40,73,166</b>	<b>61,09,750</b>	<b>81,46,333</b>	<b>1,01,82,916</b>	<b>1,22,19,499</b>	<b>1,42,56,083</b>
<b>Net Fixed Assets</b>	<b>3,50,58,115</b>	<b>3,30,21,532</b>	<b>3,09,84,949</b>	<b>2,89,48,366</b>	<b>2,69,11,782</b>	<b>2,48,75,199</b>	<b>2,28,38,616</b>

**7.8.2. Depreciation – WDV (As per Income Tax act,1961)**

Particulars	Y1	Y2	Y3	Y4	Y5	Y6	Y7
<b>Assets</b>							
<b>Building</b>							
Asset Value	1,01,97,296	91,77,566	82,59,810	74,33,829	66,90,446	60,21,401	54,19,261
Depreciation	10,19,730	9,17,757	8,25,981	7,43,383	6,69,045	6,02,140	5,41,926
Accumulated Depreciation	10,19,730	19,37,486	27,63,467	35,06,850	41,75,895	47,78,035	53,19,961
Net Fixed Assets	91,77,566	82,59,810	74,33,829	66,90,446	60,21,401	54,19,261	48,77,335
<b>Plant and Machinery</b>							
Asset Value	2,66,05,213	2,26,14,431	1,92,22,266	1,63,38,926	1,38,88,087	1,18,04,874	1,00,34,143
Depreciation	39,90,782	33,92,165	28,83,340	24,50,839	20,83,213	17,70,731	15,05,121
Accumulated Depreciation	39,90,782	73,82,946	1,02,66,286	1,27,17,125	1,48,00,338	1,65,71,070	1,80,76,191
Net Fixed Assets	2,26,14,431	1,92,22,266	1,63,38,926	1,38,88,087	1,18,04,874	1,00,34,143	85,29,022
<b>IT Infrastructure</b>							
Asset Value	2,92,190	1,75,314	1,05,188	63,113	37,868	22,721	13,632
Depreciation	1,16,876	70,126	42,075	25,245	15,147	9,088	5,453
Accumulated Depreciation	1,16,876	1,87,002	2,29,077	2,54,322	2,69,469	2,78,558	2,84,011
Net Fixed Assets	1,75,314	1,05,188	63,113	37,868	22,721	13,632	8,179
<b>Gross Fixed Asset</b>	<b>3,70,94,699</b>	<b>3,19,67,311</b>	<b>2,75,87,264</b>	<b>2,38,35,868</b>	<b>2,06,16,401</b>	<b>1,78,48,996</b>	<b>1,54,67,037</b>
<b>Total Depreciation</b>	<b>51,27,387</b>	<b>43,80,047</b>	<b>37,51,396</b>	<b>32,19,467</b>	<b>27,67,405</b>	<b>23,81,960</b>	<b>20,52,501</b>
<b>Accumulated Depreciation</b>	<b>51,27,387</b>	<b>95,07,434</b>	<b>1,32,58,831</b>	<b>1,64,78,298</b>	<b>1,92,45,702</b>	<b>2,16,27,662</b>	<b>2,36,80,162</b>
<b>Net Fixed Assets</b>	<b>3,19,67,311</b>	<b>2,75,87,264</b>	<b>2,38,35,868</b>	<b>2,06,16,401</b>	<b>1,78,48,996</b>	<b>1,54,67,037</b>	<b>1,34,14,536</b>

**7.9. Loan Repayment Schedule**

(Amount in Rs.)

Loan Amount – Rs.1,34,75,229/-

Rate of Interest – 12%

Year	Particulars	Opening Balance	Interest	Principal Repayment	EMI	Closing Outstanding
Year 1	Month 1	1,34,75,229	1,34,752	-	1,34,752	1,34,75,229
	Month 2	1,34,75,229	1,34,752	-	1,34,752	1,34,75,229
	Month 3	1,34,75,229	1,34,752	-	1,34,752	1,34,75,229
	Month 4	1,34,75,229	1,34,752	-	1,34,752	1,34,75,229
	Month 5	1,34,75,229	1,34,752	-	1,34,752	1,34,75,229
	Month 6	1,34,75,229	1,34,752	-	1,34,752	1,34,75,229
	Month 7	1,34,75,229	1,34,752	1,89,416	3,24,168	1,32,85,813
	Month 8	1,32,85,813	1,32,858	1,91,310	3,24,168	1,30,94,503
	Month 9	1,30,94,503	1,30,945	1,93,223	3,24,168	1,29,01,280
	Month 10	1,29,01,280	1,29,013	1,95,155	3,24,168	1,27,06,125
	Month 11	1,27,06,125	1,27,061	1,97,107	3,24,168	1,25,09,018
	Month 12	1,25,09,018	1,25,090	1,99,078	3,24,168	1,23,09,941
Year 2	Month 13	1,23,09,941	1,23,099	2,01,069	3,24,168	1,21,08,872
	Month 14	1,21,08,872	1,21,089	2,03,079	3,24,168	1,19,05,793
	Month 15	1,19,05,793	1,19,058	2,05,110	3,24,168	1,17,00,683
	Month 16	1,17,00,683	1,17,007	2,07,161	3,24,168	1,14,93,522
	Month 17	1,14,93,522	1,14,935	2,09,233	3,24,168	1,12,84,289
	Month 18	1,12,84,289	1,12,843	2,11,325	3,24,168	1,10,72,964
	Month 19	1,10,72,964	1,10,730	2,13,438	3,24,168	1,08,59,526
	Month 20	1,08,59,526	1,08,595	2,15,573	3,24,168	1,06,43,953
	Month 21	1,06,43,953	1,06,440	2,17,728	3,24,168	1,04,26,225
	Month 22	1,04,26,225	1,04,262	2,19,906	3,24,168	1,02,06,319
	Month 23	1,02,06,319	1,02,063	2,22,105	3,24,168	99,84,214
	Month 24	99,84,214	99,842	2,24,326	3,24,168	97,59,888
Year 3	Month 25	97,59,888	97,599	2,26,569	3,24,168	95,33,319
	Month 26	95,33,319	95,333	2,28,835	3,24,168	93,04,484
	Month 27	93,04,484	93,045	2,31,123	3,24,168	90,73,361
	Month 28	90,73,361	90,734	2,33,434	3,24,168	88,39,927
	Month 29	88,39,927	88,399	2,35,769	3,24,168	86,04,158
	Month 30	86,04,158	86,042	2,38,126	3,24,168	83,66,032
	Month 31	83,66,032	83,660	2,40,508	3,24,168	81,25,524
	Month 32	81,25,524	81,255	2,42,913	3,24,168	78,82,612
	Month 33	78,82,612	78,826	2,45,342	3,24,168	76,37,270
	Month 34	76,37,270	76,373	2,47,795	3,24,168	73,89,475
	Month 35	73,89,475	73,895	2,50,273	3,24,168	71,39,201
	Month 36	71,39,201	71,392	2,52,776	3,24,168	68,86,425
Year 4	Month 37	68,86,425	68,864	2,55,304	3,24,168	66,31,122
	Month 38	66,31,122	66,311	2,57,857	3,24,168	63,73,265
	Month 39	63,73,265	63,733	2,60,435	3,24,168	61,12,830
	Month 40	61,12,830	61,128	2,63,040	3,24,168	58,49,790

Year	Particulars	Opening Balance	Interest	Principal Repayment	EMI	Closing Outstanding
	Month 41	58,49,790	58,498	2,65,670	3,24,168	55,84,120
	Month 42	55,84,120	55,841	2,68,327	3,24,168	53,15,793
	Month 43	53,15,793	53,158	2,71,010	3,24,168	50,44,783
	Month 44	50,44,783	50,448	2,73,720	3,24,168	47,71,063
	Month 45	47,71,063	47,711	2,76,457	3,24,168	44,94,606
	Month 46	44,94,606	44,946	2,79,222	3,24,168	42,15,384
	Month 47	42,15,384	42,154	2,82,014	3,24,168	39,33,370
	Month 48	39,33,370	39,334	2,84,834	3,24,168	36,48,535
Year 5	Month 49	36,48,535	36,485	2,87,683	3,24,168	33,60,853
	Month 50	33,60,853	33,609	2,90,559	3,24,168	30,70,293
	Month 51	30,70,293	30,703	2,93,465	3,24,168	27,76,828
	Month 52	27,76,828	27,768	2,96,400	3,24,168	24,80,429
	Month 53	24,80,429	24,804	2,99,364	3,24,168	21,81,065
	Month 54	21,81,065	21,811	3,02,357	3,24,168	18,78,708
	Month 55	18,78,708	18,787	3,05,381	3,24,168	15,73,327
	Month 56	15,73,327	15,733	3,08,435	3,24,168	12,64,892
	Month 57	12,64,892	12,649	3,11,519	3,24,168	9,53,373
	Month 58	9,53,373	9,534	3,14,634	3,24,168	6,38,739
	Month 59	6,38,739	6,387	3,17,781	3,24,168	3,20,958
	Month 60	3,20,958	3,210	3,20,958	3,24,168	0

**7.10. Consolidated P&L Statement**

(Amount in Rs.)

Particulars	Y1	Y2	Y3	Y4	Y5	Y6	Y7
<b>Revenue</b>							
Activity 1 - Cleaning & Grading	2,56,82,645	3,02,26,930	3,57,19,026	4,16,84,765	4,81,57,780	5,51,73,885	6,27,71,206
Activity 2 - Cattle Feed Unit	2,81,88,873	3,44,60,171	4,04,55,102	4,69,63,375	5,40,21,338	6,16,67,688	6,99,43,621
<b>Total Revenue</b>	<b>5,38,71,518</b>	<b>6,46,87,101</b>	<b>7,61,74,128</b>	<b>8,86,48,140</b>	<b>10,21,79,118</b>	<b>11,68,41,573</b>	<b>13,27,14,827</b>
<b>Variable Cost</b>							
Activity 1 - Cleaning & Grading	2,18,89,584	2,69,44,498	3,18,40,882	3,71,59,544	4,29,30,469	4,91,85,587	5,59,58,892
Activity 2 - Cattle Feed Unit	2,27,99,364	2,77,21,175	3,25,26,600	3,77,46,162	4,34,06,363	4,95,38,219	5,61,74,745
<b>Total Variable Cost</b>	<b>4,46,88,948</b>	<b>5,46,65,673</b>	<b>6,43,67,482</b>	<b>7,49,05,705</b>	<b>8,63,36,832</b>	<b>9,87,23,806</b>	<b>11,21,33,637</b>
<b>Fixed Cost</b>							
Activity 1 - Cleaning & Grading	3,36,000	3,52,800	3,70,440	3,88,962	4,08,410	4,28,831	4,50,272
Activity 2 - Cattle Feed Unit	3,36,000	3,52,800	3,70,440	3,88,962	4,08,410	4,28,831	4,50,272
Admin Expenses	13,24,000	13,90,200	14,59,710	15,32,696	16,09,330	16,89,797	17,74,287
<b>Total Fixed Cost</b>	<b>19,96,000</b>	<b>20,95,800</b>	<b>22,00,590</b>	<b>23,10,620</b>	<b>24,26,150</b>	<b>25,47,458</b>	<b>26,74,831</b>
<b>Total Cost</b>	<b>4,66,84,948</b>	<b>5,67,61,473</b>	<b>6,65,68,072</b>	<b>7,72,16,325</b>	<b>8,87,62,982</b>	<b>10,12,71,264</b>	<b>11,48,08,467</b>
<b>Profit Before Depreciation, Interest and Tax</b>	<b>71,86,571</b>	<b>79,25,628</b>	<b>96,06,056</b>	<b>1,14,31,815</b>	<b>1,34,16,136</b>	<b>1,55,70,309</b>	<b>1,79,06,359</b>
Depreciation	20,36,583	20,36,583	20,36,583	20,36,583	20,36,583	20,36,583	20,36,583
Amortization	20,000	20,000	20,000	20,000	20,000	-	-
<b>Profit Before Interest and Tax</b>	<b>51,29,987</b>	<b>58,69,045</b>	<b>75,49,472</b>	<b>93,75,232</b>	<b>1,13,59,553</b>	<b>1,35,33,726</b>	<b>1,58,69,776</b>
Interest on Term loan	18,19,073	17,09,037	14,51,131	11,57,836	8,24,350	6,66,481	7,56,996
<b>Profit Before Tax</b>	<b>33,10,915</b>	<b>41,60,008</b>	<b>60,98,342</b>	<b>82,17,396</b>	<b>1,05,35,203</b>	<b>1,28,67,245</b>	<b>1,51,12,780</b>
Less. Tax	57,229	4,72,302	11,39,717	18,28,973	25,49,139	32,55,686	39,25,184
<b>Profit After Tax</b>	<b>32,53,686</b>	<b>36,87,706</b>	<b>49,58,624</b>	<b>63,88,423</b>	<b>79,86,064</b>	<b>96,11,559</b>	<b>1,11,87,596</b>

**7.11. Balance sheet**

(Amount in Rs.)

Particulars	Y1	Y2	Y3	Y4	Y5	Y6	Y7
<b>ASSETS</b>							
<b>Current Assets</b>							
Cash and Bank Balance	35,03,761	73,39,218	1,14,80,963	1,66,88,079	2,30,82,191	3,47,30,333	4,79,54,512
Accounts Receivables	20,66,305	24,81,149	29,21,747	34,00,203	39,19,199	44,81,595	50,90,432
Other Current Assets	13,82,132	16,47,945	19,39,780	22,56,678	26,00,417	29,72,888	33,76,106
<b>Total Current Assets</b>	<b>69,52,198</b>	<b>1,14,68,312</b>	<b>1,63,42,490</b>	<b>2,23,44,960</b>	<b>2,96,01,807</b>	<b>4,21,84,816</b>	<b>5,64,21,050</b>
Gross Fixed Assets	3,70,94,699	3,50,58,115	3,30,21,532	3,09,84,949	2,89,48,366	2,69,11,782	2,48,75,199
Less: Depreciation	20,36,583	20,36,583	20,36,583	20,36,583	20,36,583	20,36,583	20,36,583
<b>Net Fixed Assets</b>	<b>3,50,58,115</b>	<b>3,30,21,532</b>	<b>3,09,84,949</b>	<b>2,89,48,366</b>	<b>2,69,11,782</b>	<b>2,48,75,199</b>	<b>2,28,38,616</b>
Preliminary & Pre- operative Expenses	80,000	60,000	40,000	20,000	0	0	0
<b>TOTAL ASSETS</b>	<b>4,20,90,313</b>	<b>4,45,49,844</b>	<b>4,73,67,439</b>	<b>5,13,13,325</b>	<b>5,65,13,589</b>	<b>6,70,60,015</b>	<b>7,92,59,666</b>
<b>LIABILITIES &amp; SHAREHOLDERS EQUITY</b>							
<b>CURRENT LIABILITIES</b>							
Short Term Debt (Working capital loan)	19,23,662	30,75,613	36,21,485	42,14,255	48,57,249	55,54,006	63,08,296
Accounts Payable & Accrued Expenses	8,83,555	10,53,481	12,40,042	14,42,625	16,62,367	19,00,477	21,58,241
Other Current Liabilities							
<b>Total Current Liabilities</b>	<b>28,07,217</b>	<b>41,29,094</b>	<b>48,61,527</b>	<b>56,56,881</b>	<b>65,19,616</b>	<b>74,54,483</b>	<b>84,66,537</b>
Secured Long Term Debt	1,23,09,941	97,59,888	68,86,425	36,48,535	0	0	0
Differed Tax Liabilities							
<b>TOTAL LIABILITIES</b>	<b>1,51,17,157</b>	<b>1,38,88,982</b>	<b>1,17,47,952</b>	<b>93,05,416</b>	<b>65,19,616</b>	<b>74,54,483</b>	<b>84,66,537</b>
Share capital	37,19,470	37,19,470	37,19,470	37,19,470	37,19,470	37,19,470	37,19,470
Smart Grant -in-Aid	2,00,00,000	2,00,00,000	2,00,00,000	2,00,00,000	2,00,00,000	2,00,00,000	2,00,00,000
<b>Reserves and Surplus</b>							
Add: Opening Balance (P/L Account)	0	32,53,686	69,41,392	1,19,00,017	1,82,88,439	2,62,74,503	3,58,86,062
Profit & Loss) During the Year	32,53,686	36,87,706	49,58,624	63,88,423	79,86,064	96,11,559	1,11,87,596
Appropriation - Dividend							
<b>Total Reserves</b>	<b>32,53,686</b>	<b>69,41,392</b>	<b>1,19,00,017</b>	<b>1,82,88,439</b>	<b>2,62,74,503</b>	<b>3,58,86,062</b>	<b>4,70,73,658</b>
<b>TOTAL EQUITY</b>	<b>2,69,73,156</b>	<b>3,06,60,862</b>	<b>3,56,19,486</b>	<b>4,20,07,909</b>	<b>4,99,93,973</b>	<b>5,96,05,532</b>	<b>7,07,93,128</b>
<b>TOTAL LIABILITIES &amp; EQUITY</b>	<b>4,20,90,313</b>	<b>4,45,49,844</b>	<b>4,73,67,439</b>	<b>5,13,13,325</b>	<b>5,65,13,589</b>	<b>6,70,60,015</b>	<b>7,92,59,666</b>

**7.12. Cash Flow Statement**

(Amount in Rs.)

Sr.	Particulars	Y1	Y2	Y3	Y4	Y5	Y6	Y7
<b>1</b>	<b>Total Revenue</b>							
	Total Revenue	5,38,71,518	6,46,87,101	7,61,74,128	8,86,48,140	10,21,79,118	11,68,41,573	13,27,14,827
<b>2</b>	<b>Equity/ Share capital</b>	37,19,470						
<b>3</b>	<b>Grant</b>	2,00,00,000						
<b>4</b>	<b>Long Term Loan</b>	1,34,75,229						7,54,290
<b>5</b>	<b>Increase in Short Term Loan</b>	19,23,662	11,51,951	5,45,872	5,92,770	6,42,994	6,96,757	
<b>5</b>	<b>Increase in account repayable</b>	8,83,555	1,69,926	1,86,561	2,02,584	2,19,742	2,38,109	2,57,764
<b>6</b>	<b>Sub Total (A)</b>	<b>9,38,73,434</b>	<b>6,60,08,978</b>	<b>7,69,06,561</b>	<b>8,94,43,494</b>	<b>10,30,41,853</b>	<b>11,77,76,440</b>	<b>13,37,26,881</b>
<b>Cash Outflow (Rs.)</b>								
<b>1</b>	<b>Capital Expenditure</b>							
a	Land and Building	1,01,97,296						
b	Machinery and Equipment	2,66,05,213						
c	Furniture & Fixture	-						
d	It Infrastructure	2,92,190						
e	Vehicle	-						
f	Preliminary Expenses	1,00,000						
<b>2</b>	<b>Operational Expenditure</b>							
a	Variable Cost	4,46,88,948	5,46,65,673	6,43,67,482	7,49,05,705	8,63,36,832	9,87,23,806	11,21,33,637
b	Fixed Cost	19,96,000	20,95,800	22,00,590	23,10,620	24,26,150	25,47,458	26,74,831
<b>3</b>	<b>Loan Repayment</b>							
	LTL - Principal	11,65,288	25,50,052	28,73,463	32,37,890	36,48,535	-	-
	LTL - Interest	15,88,233	13,39,963	10,16,553	6,52,125	2,41,480	-	-
	STL - Principal						6,66,481	7,56,996
	STL - Interest	2,30,839	3,69,074	4,34,578	5,05,711	5,82,870	6,66,481	7,56,996
<b>4</b>	<b>Tax</b>	57,229	4,72,302	11,39,717	18,28,973	25,49,139	32,55,686	39,25,184
<b>5</b>	<b>Increase in account Receivable</b>	20,66,305	4,14,844	4,40,598	4,78,455	5,18,996	5,62,396	6,08,837
<b>6</b>	<b>Increase in Closing Stock</b>	13,82,132	2,65,812	2,91,835	3,16,899	3,43,739	3,72,471	4,03,217
	<b>Sub Total (B)</b>	<b>9,03,69,673</b>	<b>6,21,73,520</b>	<b>7,27,64,817</b>	<b>8,42,36,378</b>	<b>9,66,47,742</b>	<b>10,61,28,298</b>	<b>12,05,02,702</b>
	<b>Net Cash Flow (A-B)</b>	<b>35,03,761</b>	<b>38,35,458</b>	<b>41,41,745</b>	<b>52,07,116</b>	<b>63,94,112</b>	<b>1,16,48,142</b>	<b>1,32,24,179</b>
	Opening Cash and Bank		35,03,761	73,39,218	1,14,80,963	1,66,88,079	2,30,82,191	3,47,30,333
	<b>Cumulative Cash Balance</b>	<b>35,03,761</b>	<b>73,39,218</b>	<b>1,14,80,963</b>	<b>1,66,88,079</b>	<b>2,30,82,191</b>	<b>3,47,30,333</b>	<b>4,79,54,512</b>

### **7.13. Financial Indicators**

#### **Internal Rate of Return (IRR):**

The project internal rate of return should be more than 10% as per the current financial scenario of the country. The project IRR is 11.59% therefore it is clearly indicating that the project is feasible for investment.

#### **Break Even Point:**

The average break-even percentage is 45.24% and as per financial standards it should be below 60%.

#### **Payback Period:**

The Payback period for the project is 5 years and 2 Months. It should be less than 6 to 7 years therefore the project payback periods are within the limit.

#### **Net Present Value:**

With a discount rate of 10% and a span of 7 years, the projected cash inflows are worth Rs.2,95,30,211 today, which is greater than the initial cash outflow of Rs. 2,85,11,316. The resulting positive NPV of the above project is Rs.23,74,488 which indicates that pursuing the above project may be optimal.

#### **Return on Capital Employed:**

The return on capital employed for the project is 17.77% which is above the expected financial standards.

#### **Debt Services Coverage Ratio**

Debt Service Coverage Ratio: The average Debt Service Coverage Ratio is 1.93 and as per financial standards it should be above 1.5.