

मा. बाळासाहेब ठाकरे कृषि व्यवसाय व ग्रामीण  
परिवर्तन (स्मार्ट) प्रकल्प

सविस्तर प्रकल्प अहवाल

**Business**

**Calculator**

सादरकर्ते

उन्नती लोकसंचलित साधन केंद्र, धुळे.,

लोकसंचलित साधन केंद्र,

मु. पो. गट नं. :- ३२०/३/ब, बिलाडी,

तालुका- धुळे, जिल्हा- धुळे, - ४२४००५.

## 1.1 Total Project Cost

1	Land and Building	1,391,435	60%	834,861
2	Machinery and Equipment	1,156,090	60%	693,654
3	Furniture and Fixture	42,000	60%	25,200
4	IT & It Infrastructure	72,500	60%	43,500
5	Transport vehical (Refer van and other)	-	60%	-
6	Preliminary Expenses	75,000	60%	45,000
7	Working Capital	1,363,490		
<b>Total</b>		<b>4,100,515</b>		<b>1,642,215</b>

Total Project Costs means the costs incurred or to be incurred by a FPC in connection with or incidental to the Construction and acquisition of assets including preoprtaive expenditure , design, construction and Working Capital

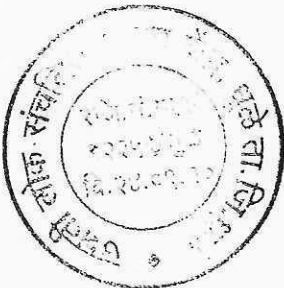
## 1.2 Means of Finance

1	Govt. Grant under SMART Project		1,642,215
2	Bank Finance - Long Term Loan	0%	-
3	Own Contribution		2,458,300
<b>Total</b>			<b>4,100,515</b>

This sheet provide details of how total project cost will raised

## 1.3 Financial Indicators

1	Break Even Point (BEP)	31.65%	Project Viable	BEP shall be less than 60%	<60%
2	Avg. Return on Capital Employed Average (ROCE)	21.98%	Project Viable	RoCE for the project shall be more than 20%	>20%
3	Internal Rate of Return (IRR)	29.47%	Project Viable	The project internal rate of return shall be more than 12%	>12%
4	Net present value (at a discount rate of 10 per cent)	1,621,617	NPV is high and positive at a conservative project life of 7 years	With a discount rate of 10% and a span of 7 operational years, the NPV should be positive	Positive
5	Payback period	1.85	Project Viable	The Pack Back Period (Project/ Equity) shall be less than 7 years	<7 years
6	Debt Service Coverage Ratio (DSCR)	#DIV/0!	Project Viable	DSCR shall be more than 2 for better performing project.	>2



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उन्नती लोकसंचलित साधन केंद्र  
धुळे, ता. जि. धुळे

NKSONG  
त्यवरथापक  
उन्नती लोकसंचलित साधन केंद्र  
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2.1

**Land and Building**

1	Land	Sq. ft.			Lease
2	Factory Building & Shed		1	1,391,435	1,391,435
<b>Total</b>					<b>1,391,435</b>

This Sheet provide details of land and various construction, including area, rate per unit and total amount

2.2

**Machinery and Equipment**

<b>A</b>	<b>Custom Hiring</b>					
<b>Subtotal</b>						
<b>B</b>	<b>Dal Mill Unit</b>					
<b>Subtotal</b>						
<b>C</b>	<b>Cleaning &amp; Grading</b>					
1	Cleaning Machinery	1500 KG	1	340,200	340,200	11
2	Gravity Separator		1	304,500	304,500	
3	Continuos Sellar	1to10 KG	1	63,000	63,000	
4	Fiting & Installation Charges		1	21,000	21,000	
5	Thread Sellar		1	8,190	8,190	
6	Industrial Weighing Platform Scales		1	12,600	12,600	
7	Electrification	25 KVA	1	406,600	406,600	
<b>Subtotal</b>					<b>1,156,090</b>	<b>11</b>
<b>D</b>	<b>F &amp; V Processing Machainary</b>					
<b>Subtotal</b>						
<b>Total</b>					<b>1,156,090</b>	<b>11</b>

This Sheet provide details of Plant & Machinery, including Capacity, rate per machaine, Power Consumption and total amount

2.3

**Furniture and Fixture**

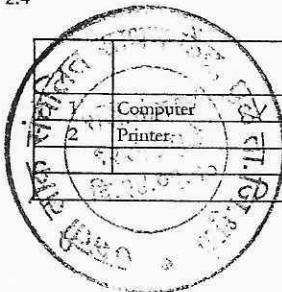
1	Table	1	12,000	12,000
2	Cubord	1	15,000	15,000
3	FAN	2	1,500	3,000
4	Chairs	10	1,200	12,000
<b>Total</b>				<b>42,000</b>

This Sheet provide details of furniture and fixture, no.of Quantity, rate per unit and total amount

2.4

**IT & It Infrastructure**

1	Computer	1	55,000	55,000
2	Printer	1	17,500	17,500
<b>Total</b>				<b>72,500</b>



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*M. R. Sonb*  
व्यवस्थापक  
उन्नती लोकसंचलित साधन केन्द्र

This Sheet provide details of furniture and fixture, no.of Quantity, rate per unit and total amount

2.5

**Transport vehical (Refer van and other)**

1				-
				-
				-
				-
			<b>Total</b>	-

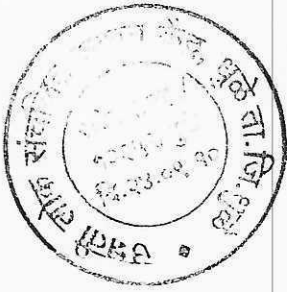
This Sheet provide details of vehicles, no.of vehicle, rate per vehicle and total amount

2.6

**Preliminary Expenses**

1	Chartered Engineer Fees	5,000
2	SMART DPR Fees	20,000
3	Other Expenses	50,000
	<b>Total</b>	<b>75,000</b>

Preliminary expenses are considered as prior expenses before the beginning of business or Projects



मंडळ (वा. शि. वि. प्र.) धुळे

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धुळे, ता. जि. धुळे

N. R. Sonar  
व्यवस्थापक  
उन्नती लोकसंचलित साधन केंद्र  
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3.1 Schedule of General Admin Expenses

		100%	105.00%	110.25%	115.76%	121.53%	127.63%	134.01%
Manager	No.	10,000	120,000	132,300	138,915	145,861	153,154	160,811
Telephone	No.	7,000	84,000	92,610	97,241	102,103	107,208	112,568
Telephone and internet Exp	Months	6,000	144,000	158,760	166,698	175,033	183,785	192,974
Electricity Exp	Months	1,200	6,000	6,615	6,946	7,293	7,658	8,041
Printing & Stationary	Months	1,000	14,400	15,876	16,670	17,503	18,378	19,297
Lease	Months	1,000	12,000	13,230	13,892	14,586	15,315	16,081
Legal expenses	Months	1,500	18,000	19,845	20,837	21,879	22,973	24,122
Legal Compliances expenses	Lumpsum	25,000	25,000	27,563	28,941	30,388	31,907	33,502
<b>Total Admin Expense</b>		<b>423,400</b>	<b>444,570</b>	<b>466,799</b>	<b>490,138</b>	<b>514,645</b>	<b>540,378</b>	<b>567,396</b>

3.2 Depreciation

		As per companies Act		As per IT Act	
Plant	Value	1,391,435	1,347,327	1,391,435	1,127,062
Accumulated Depreciation	Value	44,108	44,108	39,844	101,436
Fixed Assets	Value	1,347,327	1,303,218	1,351,279	1,025,626
Land Machinery	Value	1,156,090	1,009,729	1,156,090	982,677
Accumulated Depreciation	Value	73,180	73,180	73,180	709,984
Fixed Assets	Value	1,082,910	936,549	1,082,910	125,291
					106,498
					90,523
					643,127
					785,474
					512,963
					436,019
					370,616

महाबाइरविंद भिसरी

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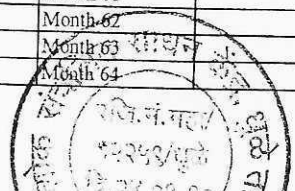




### 4.1 Repayment Schedule

Loan Amount (Rs) \_\_\_\_\_  
 Interest rate /PA 12%  
 Loan Tenure in years 7  
 Moratorium Period ( In Months) 6  
 EMI Rs. 0.00

Year	Particulars	Opening Balance	Interest	Pricipal Repayment	EMI	Closing Outstanding
Year 1	Month 1	-	-	-	-	-
	Month 2	-	-	-	-	-
	Month 3	-	-	-	-	-
	Month 4	-	-	-	-	-
	Month 5	-	-	-	-	-
	Month 6	-	-	-	-	-
	Month 7	-	-	-	-	-
	Month 8	-	-	-	-	-
	Month 9	-	-	-	-	-
	Month 10	-	-	-	-	-
	Month 11	-	-	-	-	-
	Month 12	-	-	-	-	-
Year 2	Month 13	-	-	-	-	-
	Month 14	-	-	-	-	-
	Month 15	-	-	-	-	-
	Month 16	-	-	-	-	-
	Month 17	-	-	-	-	-
	Month 18	-	-	-	-	-
	Month 19	-	-	-	-	-
	Month 20	-	-	-	-	-
	Month 21	-	-	-	-	-
	Month 22	-	-	-	-	-
	Month 23	-	-	-	-	-
	Month 24	-	-	-	-	-
Year 3	Month 25	-	-	-	-	-
	Month 26	-	-	-	-	-
	Month 27	-	-	-	-	-
	Month 28	-	-	-	-	-
	Month 29	-	-	-	-	-
	Month 30	-	-	-	-	-
	Month 31	-	-	-	-	-
	Month 32	-	-	-	-	-
	Month 33	-	-	-	-	-
	Month 34	-	-	-	-	-
	Month 35	-	-	-	-	-
	Month 36	-	-	-	-	-
Year 4	Month 37	-	-	-	-	-
	Month 38	-	-	-	-	-
	Month 39	-	-	-	-	-
	Month 40	-	-	-	-	-
	Month 41	-	-	-	-	-
	Month 42	-	-	-	-	-
	Month 43	-	-	-	-	-
	Month 44	-	-	-	-	-
	Month 45	-	-	-	-	-
	Month 46	-	-	-	-	-
	Month 47	-	-	-	-	-
	Month 48	-	-	-	-	-
Year 5	Month 49	-	-	-	-	-
	Month 50	-	-	-	-	-
	Month 51	-	-	-	-	-
	Month 52	-	-	-	-	-
	Month 53	-	-	-	-	-
	Month 54	-	-	-	-	-
	Month 55	-	-	-	-	-
	Month 56	-	-	-	-	-
	Month 57	-	-	-	-	-
	Month 58	-	-	-	-	-
	Month 59	-	-	-	-	-
	Month 60	-	-	-	-	-
Year 6	Month 61	-	-	-	-	-
	Month 62	-	-	-	-	-
	Month 63	-	-	-	-	-
	Month 64	-	-	-	-	-



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रत्नती लोकसंचलित साधन केंद्र

	Month 65	-	-	-	-	-
	Month 66	-	-	-	-	-
	Month 67	-	-	-	-	-
	Month 68	-	-	-	-	-
	Month 69	-	-	-	-	-
	Month 70	-	-	-	-	-
	Month 71	-	-	-	-	-
	Month 72	-	-	-	-	-
Year 7	Month 73	-	-	-	-	-
	Month 74	-	-	-	-	-
	Month 75	-	-	-	-	-
	Month 76	-	-	-	-	-
	Month 77	-	-	-	-	-
	Month 78	-	-	-	-	-
	Month 79	-	-	-	-	-
	Month 80	-	-	-	-	-
	Month 81	-	-	-	-	-
	Month 82	-	-	-	-	-
	Month 83	-	-	-	-	-
	Month 84	-	-	-	-	-
		0.00		0.00		

This Sheet Provide details of loan repayment schedule. The borrower is able to check how much of the monthly EMI is being allocated towards the repayment of the principal outstanding and interest respectively, depending on the rate of interest and tenure of the loan.



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अध्यक्ष  
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धुळे, ता. जि. धुळे

N. R. Sonar  
व्यवस्थापक  
उज्ज्वली लोकसंचालित साधन केंद्र  
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### 5.1 Closing and Opening Stock Calculation

Opening Stock										
Agri Input										
Trading										
Grain Processing										
Horticulture Processing										
Total										
Closing Stock										
Agri Input										
Trading										
Grain Processing										
Horticulture Processing										
Total										

Closing Stock is an amount of unsold stock lying in your business on a given date. In simple words, it's the inventory which is still in your business waiting to be sold for a given period. The closing stock can be in various forms such as raw materials, in-process goods (WIP) or finished goods

Assumption:

1 Closing stock of each facility is 5%



श्री. लक्ष्मी देविका भिरारी

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N. P. R. S. M. S.  
व्यवस्थापक  
उन्नती लोकसंचलित साधन केंद्र  
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## 6.1 Consolidated Profit and loss account for the Project

Particulars	Y1	Y2	Y3	Y4	Y5	Y6	Y7
<b>Revenue</b>							
Facility 1 - Cleaning & Grading	-	-	-	-	-	-	-
Facility 2 - Processing Unit- Dal Mill	103,992,510	116,990,690	131,030,907	146,182,668	162,519,603	180,127,322	199,089,513
Facility 3 - Warehouse	-	-	-	-	-	-	-
Facility 4 - Custom Hiring	-	-	-	-	-	-	-
Facility 5 - Agri Input Centre	-	-	-	-	-	-	-
Facility 6 - Processing Unit - Horti Commodity	-	-	-	-	-	-	-
<b>Total Revenue</b>	<b>103,992,510</b>	<b>116,990,690</b>	<b>131,030,907</b>	<b>146,182,668</b>	<b>162,519,603</b>	<b>180,127,322</b>	<b>199,089,513</b>
<b>Variable Cost</b>							
Facility 1 - Cleaning & Grading	-	-	-	-	-	-	-
Facility 2 - Processing Unit- Dal Mill	97,803,737	115,228,816	129,082,247	144,033,059	160,156,210	177,531,511	196,244,079
Facility 3 - Warehouse	-	-	-	-	-	-	-
Facility 4 - Custom Hiring	-	-	-	-	-	-	-
Facility 5 - Agri Input Centre	-	-	-	-	-	-	-
Facility 6 - Processing Unit - Horti Commodity	-	-	-	-	-	-	-
<b>Total Variable Cost</b>	<b>97,803,737</b>	<b>115,228,816</b>	<b>129,082,247</b>	<b>144,033,059</b>	<b>160,156,210</b>	<b>177,531,511</b>	<b>196,244,079</b>
<b>Fixed Cost</b>							
Facility 1 - Cleaning & Grading	-	-	-	-	-	-	-
Facility 2 - Processing Unit- Dal Mill	120,000	126,000	132,300	138,915	145,861	153,154	160,811
Facility 3 - Warehouse	-	-	-	-	-	-	-
Facility 4 - Custom Hiring	-	-	-	-	-	-	-
Facility 5 - Agri Input Centre	-	-	-	-	-	-	-
Facility 6 - Processing Unit - Horti Commodity	-	-	-	-	-	-	-
Admin Expenses	423,400	444,570	466,799	490,138	514,645	540,378	567,396
<b>Total Fixed Cost</b>	<b>543,400</b>	<b>570,570</b>	<b>599,099</b>	<b>629,053</b>	<b>660,506</b>	<b>693,531</b>	<b>728,208</b>
<b>Total Cost</b>	<b>98,347,137</b>	<b>115,799,386</b>	<b>129,681,345</b>	<b>144,662,113</b>	<b>160,816,716</b>	<b>178,225,042</b>	<b>196,972,287</b>
<b>Profit Before Depreciation ,Interest and Tax</b>	<b>5,645,373</b>	<b>1,191,304</b>	<b>1,349,561</b>	<b>1,520,556</b>	<b>1,702,887</b>	<b>1,902,279</b>	<b>2,117,226</b>
Depreciation	128,739	128,739	128,739	128,739	128,739	128,739	128,739
Amortization	15,000	15,000	15,000	15,000	15,000	-	-
<b>Profit Before Interest and Tax</b>	<b>5,501,634</b>	<b>1,047,565</b>	<b>1,205,822</b>	<b>1,376,817</b>	<b>1,559,148</b>	<b>1,773,540</b>	<b>1,988,487</b>
Interest on Term loan	490,856	710,633	795,795	887,697	986,773	1,093,565	1,208,569
Profit Before Tax	5,010,777	336,933	410,027	489,120	572,375	679,975	779,918
Less. Tax	1,246,377	44,684	74,601	104,156	133,324	167,667	199,088
<b>Profit After Tax</b>	<b>3,764,400</b>	<b>292,249</b>	<b>335,426</b>	<b>384,964</b>	<b>439,051</b>	<b>512,309</b>	<b>580,830</b>

Cumulative Profit 3,764,400 4,056,649 4,392,075 4,777,039 5,216,090 5,728,398 6,309,229

Projected Consolidated Profit and Loss account is to give a projection of how much money you will bring in by selling products or services and how much profit you will make from these sales.



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7.1 Balancesheet for the Project

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Particulars	Y1	Y2	Y3	Y4	Y5	Y6	Y7
<b>ASSETS</b>							
<b>Current Assets</b>							
Cash and Bank Balance	5,271,629	5,707,616	6,186,781	6,715,484	7,298,274	7,939,322	8,648,891
Accounts Receivables							
Other Current Assets							
<b>Total Current Assets</b>	<b>5,271,629</b>	<b>5,707,616</b>	<b>6,186,781</b>	<b>6,715,484</b>	<b>7,298,274</b>	<b>7,939,322</b>	<b>8,648,891</b>
Gross Fixed Assets	2,662,025	2,533,286	2,404,547	2,275,808	2,147,069	2,018,330	1,889,591
Less: Depreciation	128,739	128,739	128,739	128,739	128,739	128,739	128,739
<b>Net Fixed Assets</b>	<b>2,533,286</b>	<b>2,404,547</b>	<b>2,275,808</b>	<b>2,147,069</b>	<b>2,018,330</b>	<b>1,889,591</b>	<b>1,760,852</b>
<b>Preliminary &amp; Pre-operative Expenses</b>	<b>60,000</b>	<b>45,000</b>	<b>30,000</b>	<b>15,000</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>TOTAL ASSETS</b>	<b>7,864,915</b>	<b>8,157,163</b>	<b>8,492,589</b>	<b>8,877,553</b>	<b>9,316,604</b>	<b>9,828,913</b>	<b>10,409,743</b>
<b>LIABILITIES &amp; SHAREHOLDERS EQUITY</b>							
<b>CURRENT LIABILITIES</b>							
Short Term Debt (Working capital loan)							
Accounts Payable & Accrued Expenses							
Other Current Liabilities							
<b>Total Current Liabilities</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>Secured Long Term Debt</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>Differed Tax Liabilities</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>TOTAL LIABILITIES</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
Share capital	2,458,300	2,458,300	2,458,300	2,458,300	2,458,300	2,458,300	2,458,300
Smart Grant -in-Aid	1,642,215	1,642,215	1,642,215	1,642,215	1,642,215	1,642,215	1,642,215
<b>Reserves and Surplus</b>							
Add: Opening Balance (P/L Account)	0	3,764,400	4,056,649	4,392,075	4,777,039	5,216,090	5,728,398
Profit & Loss) During the Year	3,764,400	292,249	335,426	384,964	439,051	512,309	580,830
Appropriation - Dividend							
<b>Total Reserves</b>	<b>3,764,400</b>	<b>4,056,649</b>	<b>4,392,075</b>	<b>4,777,039</b>	<b>5,216,090</b>	<b>5,728,398</b>	<b>6,309,229</b>
<b>TOTAL EQUITY</b>	<b>7,864,915</b>	<b>8,157,163</b>	<b>8,492,589</b>	<b>8,877,553</b>	<b>9,316,604</b>	<b>9,828,913</b>	<b>10,409,743</b>
<b>TOTAL LIABILITIES &amp; EQUITY</b>	<b>7,864,915</b>	<b>8,157,163</b>	<b>8,492,589</b>	<b>8,877,553</b>	<b>9,316,604</b>	<b>9,828,913</b>	<b>10,409,743</b>
<b>CONTROL TICKER</b>							
(=Liability - Asset)	0.00	0.00	0.00	0.00	0.00	0.00	0.00

A projected balance sheet, also referred to as pro forma balance sheet, lists specific account balances on a business' assets, liabilities and equity for a specified future time. Using a projected balance sheet, financial personnel can present lenders and investors with detailed financial information about planned future asset expansion, making it easier to persuade capital providers to supply the required financing.



मंगलाबाई रविंद्र जिखरी  
अध्यक्ष  
उन्नती लोकसंचालित साधन केंद्र  
धुळे, ता. जि. धुळे

N. R. Sonar  
व्यवस्थापक  
उन्नती लोकसंचालित साधन केंद्र  
धुळे, ता. जि. धुळे





## 9.2 Break even Point

	Y1	Y2	Y3	Y4	Y5	Y6	Y7
Receipts							
1 - Cleaning & Grading	-	-	-	-	-	-	-
2 - Processing Unit- Dal Mill	103,992,510	116,990,690	131,030,907	146,182,668	162,519,603	180,127,322	199,089,513
3 - Warehouse	-	-	-	-	-	-	-
4 - Custom Hiring	-	-	-	-	-	-	-
5 - Agri Input Centre	-	-	-	-	-	-	-
6 - Processing Unit - Horti Comm	-	-	-	-	-	-	-
Receipts	103,992,510	116,990,690	131,030,907	146,182,668	162,519,603	180,127,322	199,089,513
Variable Exp	97,803,737	115,228,816	129,082,247	144,033,059	160,156,210	177,531,511	196,244,079
Contribution	6,188,773	1,761,874	1,948,660	2,149,609	2,363,393	2,595,811	2,845,434
Fixed exp	687,139	714,309	742,837	772,792	804,245	822,270	856,947
Break Even Point (BEP)	11%	41%	38%	36%	34%	32%	30%

Break Even Point (BEP) = 31.65%

Break even point (BEP) is a term in accounting that refers to the situation where a company's revenues and expenses were equal within a specific period. It means that there were no net profits or no net losses for the company. The main purpose of break-even analysis is to determine the minimum output that must be exceeded for a business to profit.



मंगलबाई रविंद्र जिंशारि  
 धुळे, ता. जि. धुळे

N.R. Sorar  
 रत्नतरशापक  
 उन्नती लोकसंचयित साधन केंद्र  
 धुळे, ता. जि. धुळे



### 9.5 Payback Period (In years) - Project

Particulars	Y0	Y1	Y2	Y3	Y4	Y5	Y6	Y7
Investment	4,100,515							
After Tax & Dividend		3,764,400	292,249	335,426	384,964	439,051	512,309	580,830
Depreciation		128,739	128,739	128,739	128,739	128,739	128,739	128,739
Primary exp Written off		15,000	15,000	15,000	15,000	15,000	-	-
Accrual (A)		3,908,139	435,988	479,165	528,703	582,790	641,048	709,569
Pay - Initial Investment		(192,376)	243,612	722,777	1,251,480	1,834,270		

period (in years) - Project

1.85

The payback period refers to the amount of time it takes to recover the cost of an investment

### 9.6 Debt Service Coverage Ratio (DSCR)

Particulars	Y1	Y2	Y3	Y4	Y5	Y6	Y7
Operating Income	5,645,373	1,191,304	1,349,561	1,520,556	1,702,887	1,902,279	2,117,226
Depreciation	128,739	128,739	128,739	128,739	128,739	128,739	128,739
Amortization	15,000	15,000	15,000	15,000	15,000	-	-
Interest on TL	-	-	-	-	-	-	-
Annual EMI	5,789,112	1,335,043	1,493,300	1,664,295	1,846,626	2,031,018	2,245,965
Debt Service Coverage Ratio (DSCR)	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!

DSCR

#DIV/0!

Debt-service coverage ratio (DSCR) is a measurement of a firm's available cash flow to pay current debt obligations. The DSCR shows investors whether a company has enough income to pay its debts.



मंगलबाई रविंद्र भिसरी

अध्यक्ष

उज्जती लोकसंचलित साधन केंद्र  
धळे ता. जि. धळे

N. P. Solankar  
उज्जती लोकसंचलित साधन केंद्र  
धळे, ता. जि. धळे

9.7 Sensitivity Analysis

Category	Y1	Y2	Y3	Y4	Y5	Y6	Y7
1 - Cleaning & Grading	-	-	-	-	-	-	-
2 - Processing Unit- Dal Mill	109,192,136	122,840,225	137,582,452	153,491,802	170,645,584	189,133,688	209,043,989
3 - Warehouse	-	-	-	-	-	-	-
4 - Custom Hiring	-	-	-	-	-	-	-
5 - Agri Input Centre	-	-	-	-	-	-	-
6 - Processing Unit - Horti Comm	-	-	-	-	-	-	-
Income	109,192,136	122,840,225	137,582,452	153,491,802	170,645,584	189,133,688	209,043,989
Cost (Excl. of Depreciation, Amort	543,400	570,570	599,099	629,053	660,506	692,531	728,208
Operational Expenses	102,693,924	115,228,816	129,082,247	144,033,059	160,156,210	177,531,511	196,244,079
Income	103,237,324	115,799,386	129,681,345	144,662,113	160,816,716	178,225,042	196,972,287
Income	5,954,811	7,040,839	7,901,107	8,829,689	9,828,867	10,908,645	12,071,702

Category	Y1	Y2	Y3	Y4	Y5	Y6	Y7
1 - Cleaning & Grading	-	-	-	-	-	-	-
2 - Processing Unit- Dal Mill	103,992,510	116,990,690	131,030,907	146,182,668	162,519,603	180,127,322	199,089,513
3 - Warehouse	-	-	-	-	-	-	-
4 - Custom Hiring	-	-	-	-	-	-	-
5 - Agri Input Centre	-	-	-	-	-	-	-
6 - Processing Unit - Horti Comm	-	-	-	-	-	-	-
Income	103,992,510	116,990,690	131,030,907	146,182,668	162,519,603	180,127,322	199,089,513
Cost (Excl. of Depreciation, Amort	543,400.00	570,570.00	599,098.50	629,053.43	660,506.10	693,531.40	728,207.97
Operational Expenses	102,693,924.32	120,990,256.60	135,536,359.31	151,234,712.14	168,164,020.74	186,408,086.64	206,056,282.77
Income	103,237,324.32	121,560,826.60	136,135,457.81	151,863,765.56	168,824,526.83	187,101,618.05	206,784,490.74
Income	755,185.68	(4,570,136.35)	(5,104,551.08)	(5,681,097.41)	(6,304,923.33)	(6,974,296.15)	(7,694,977.62)



महलबाई शिबिर प्रिंटर

अध्यक्ष

उन्नीती लोकसंचलित साधन केंद्र  
धुळे, ता. जि. धुळे

NirSowar  
स्वयंसेवा

उन्नीती लोकसंचलित साधन केंद्र  
धुळे, ता. जि. धुळे

Variation (-5%)	Y1	Y2	Y3	Y4	Y5	Y6	Y7
1 - Cleaning & Grading	-	-	-	-	-	-	-
2 - Processing Unit- Dal Mill	98,792,885	111,141,156	124,479,361	138,873,535	154,393,623	171,120,956	189,135,037
3 - Warehouse	-	-	-	-	-	-	-
4 - Custom Hiring	-	-	-	-	-	-	-
5 - Agri Input Centre	-	-	-	-	-	-	-
6 - Processing Unit - Horti Comm	-	-	-	-	-	-	-
0	-	-	-	-	-	-	-
Home	98,792,885	111,141,156	124,479,361	138,873,535	154,393,623	171,120,956	189,135,037
ure	-	-	-	-	-	-	-
st (Excl. of Depreciation, Amort	543,400	570,570	599,099	629,053	660,506	693,531	728,208
Cost	92,913,551	109,467,375	122,628,135	136,831,406	152,148,400	168,654,936	186,431,875
erational Expenses	93,456,951	110,037,945	123,227,233	137,460,460	152,808,906	169,348,467	187,160,083
ome	5,335,934	1,103,211	1,252,128	1,413,075	1,584,718	1,772,489	1,974,955

Variation (-5%)	Y1	Y2	Y3	Y4	Y5	Y6	Y7
1 - Cleaning & Grading	-	-	-	-	-	-	-
2 - Processing Unit- Dal Mill	103,992,510	116,990,690	131,030,907	146,182,668	162,519,603	180,127,322	199,089,513
3 - Warehouse	-	-	-	-	-	-	-
4 - Custom Hiring	-	-	-	-	-	-	-
5 - Agri Input Centre	-	-	-	-	-	-	-
6 - Processing Unit - Horti Comm	-	-	-	-	-	-	-
0	-	-	-	-	-	-	-
Home	103,992,510	116,990,690	131,030,907	146,182,668	162,519,603	180,127,322	199,089,513
ure	-	-	-	-	-	-	-
st (Excl. of Depreciation, Amort	543,400	570,570	599,099	629,053	660,506	693,531	728,208
Cost	92,913,551	109,467,375	122,628,135	136,831,406	152,148,400	168,654,936	186,431,875
erational Expenses	93,456,951	110,037,945	123,227,233	137,460,460	152,808,906	169,348,467	187,160,083
ome	10,535,559	6,952,745	7,803,674	8,722,209	9,710,698	10,778,855	11,929,430

Sensitivity analysis is a financial model that determines how target variables are affected based on changes in Quantity or cost variance known as input variables. Here it is assume 5% (+,-) while calculating sensitivity analysis



महोदय रविंद्र भिखारी

अध्यक्ष

सुन्ती लोकसंचलित साधन केंद्र  
धुळे, ता. जि. धुळे

Y. R. SONG  
रयचरशुणक  
सुन्ती लोकसंचलित साधन केंद्र  
धुळे, ता. जि. धुळे





**Facility 2 - Grain Processing Unit - Cleaning & Grading**  
**13.1 Producers/ Capacity Utilization**

1.5 Qtls P Hour  
16

ty  
Hours

Operation Days	221	237	253	269	284	300	316
ram/Udid	19152	20520	21888	23256	24624	25992	27360
	20648.25	22123.125	23598	25072.875	26547.75	28022.625	29497.5
Quantity to be Processed	13305.6	14256	15206.4	16156.8	17107.2	18057.6	19008
ark (50%)	53105.85	56899.125	60692.4	64485.675	68278.95	72072.225	75865.5
for Processing and Trading for PC	0%	0%	0%	0%	0%	0%	0%
ark (50%)	100%	100%	100%	100%	100%	100%	100%
ty for sale (100%)	-	-	-	-	-	-	-
ram/ Moong	-	-	-	-	-	-	-
ram/Udid	19,152	20,520	21,888	23,256	24,624	25,992	27,360
	20,648	22,123	23,598	25,073	26,548	28,023	29,498
er	-	-	-	-	-	-	-
	13,306	14,256	15,206	16,157	17,107	18,058	19,008
	53,106	56,899	60,692	64,486	68,279	72,072	75,866
KG)							
	18577	19904	21231	22558	23885	25212	26539
	20029	21459	22890	24321	25751	27182	28613
	12906	13828	14750	15672	16594	17516	18438
	51,512	55,191	58,871	62,551	66,230	69,910	73,590

g (In Kg)

30



**महल (पारसिक) मिररि**  
**अध्यक्ष**  
 लोकासंचालित साधन केंद्र  
 धुळे, ता. जि. धुळे

**Y.R. Sonar**  
**व्यवस्थापक**  
 उन्नती लोकासंचालित साधन केंद्र  
 धुळे, ता. जि. धुळे

13.2 Facility 2 - Profit and loss of Grain Processing Unit - Cleaning & Grading

	100%	105.00%	110.25%	115.76%	121.55%	127.63%	134.01%
Revenue							
30 Kg	37,061,115	41,693,904	46,697,319	52,096,841	57,919,572	64,194,333	70,951,772
30 Kg	39,957,855	44,951,240	50,346,269	56,168,422	62,444,500	69,210,311	76,496,592
30 Kg	26,973,540	30,345,546	33,987,319	37,917,405	42,155,531	46,722,677	51,641,148
Revenue	103,992,510	116,990,690	131,030,907	146,182,668	162,519,603	180,127,322	199,089,513
Cost							
Quintals	1,770	33,899,040	42,712,790	47,651,457	52,977,208	58,716,405	64,897,080
Quintals	1,770	36,547,403	46,049,727	51,374,227	57,116,052	63,303,625	69,967,164
Quintals	1,860	24,748,416	31,183,004	34,788,539	38,676,670	42,866,642	47,378,921
Quintals	0.5	265,529	298,720	334,567	373,251	414,967	508,335
Hour	3	199,147	224,040	250,925	279,938	311,226	381,251
Charges	65,648	116,210	130,736	146,424	163,355	181,612	222,475
(Unloading Charges	5	531,059	669,134	746,502	829,935	919,845	1,016,670
Exp	15	1,545,360	1,738,517	1,947,158	2,172,318	2,415,089	2,958,529
ation Charges	50	5,151,200	5,795,055	6,490,528	7,241,060	8,050,298	9,861,764
Opening Stock		5,199,626	5,849,535	6,551,545	7,309,133	8,125,980	9,006,366
Closing Stock		5,199,626	5,849,535	6,551,545	7,309,133	8,125,980	9,006,366
Variable Cost		97,803,737	129,082,247	144,033,059	160,156,210	177,531,511	196,244,079
Operator	10,000	120,000	132,300	138,915	145,861	153,154	160,811
Expenses		120,000	132,300	138,915	145,861	153,154	160,811
Net Profit		97,923,737	129,214,547	144,171,974	160,302,071	177,684,665	196,404,890
Net Profit		6,068,773	1,635,874	1,816,360	2,010,694	2,217,533	2,684,623

This sheet provide details capacity utilization of machines and also sale, expenses and operating profit of Dal Mill activity.

- 1 Revenue and cost is related to this facility only
- 2 Common expenditure such as admin, depreciation and amortization not considered.
- 3 Inflation is assumed to be 5% annually.



अध्यक्ष  
 अन्नसंचालित साधन केंद्र  
 धुळे, ता. जि. धुळे

Mr. R. Sonar  
 व्यवस्थापक  
 अन्नसंचालित साधन केंद्र  
 धुळे, ता. जि. धुळे