

HIREDHAND AGRO FARMERS PRODUCER COMPANY LIMITED

CIN :- U01100MH2018PTC315904

HOUSE NO.15, WARD NO.1, NEAR MA BHAWANI, AQWACCOOL WATER PLANT, PUSLA, WARUD, AMRAVATI Amravati MH 444906

DPR Prepared By :- CA. Deepak Zhawar

1.1 Total Project Cost

Sr. No.	Particular	Amount (Rs.)	Grant (%)	Grant Amount (Rs.)
1	Land and Building	1,18,84,830	60%	71,30,898
2	Machinery and Equipment	2,61,35,500	60%	1,56,81,300
3	Furniture and Fixture	-	60%	-
4	IT & It Infrastructure	1,53,235	60%	91,941
5	Transport vehical (Refer van and other)	-	60%	-
6	Preliminary Expenses	17,40,000	60%	10,44,000
7	Working Capital	10,77,045		
Total		4,09,90,610		2,39,48,139

1.2 Means of Finance

Sr. No.	Particular	Bank Loan (%)	Amount (Rs.)
1	Govt. Grant under SMART Project	60%	2,39,48,139
2	Bank Finance - Long Term Loan	25%	95,43,391
3	Own Contribution	15% + Working Capital	74,99,080
Total			4,09,90,610

1.3 Financial Indicators

Sr. No.	Financial ratio	Estimated	Result	Level
1	Break Even Point (BEP)	41.59%	Project Viable	40-60 %
2	Avg. Return on Capital Employed Average (ROCE)	17.12%	Project Viable	12-18 %
3	Internal Rate of Return (IRR)	10.82%	Project Viable	10-15 %
4	Net present value (at a discount rate of 10 per cent)	13,39,894	NPV is high and positive at a conservative project life of 7 years	POSITIVE
5	Payback period	5.13	Project Viable	5-7 y
6	Debt Service Coverage Ratio (DSCR)	1.73	Project Viable	1.5-2.5

Land and Building

2.1

Sr. No.	Particular	Unit	No. of Unit	Rate per unit	Amount (Rs.)
1	Land	Sq. Ft	9,600	1,238	1,19,84,830
2	Factory Shed	Sq Ft			-
	Total				1,19,84,830

2.2

Machinery and Equipment

Sr. No.	Description	Capacity	No. Required	Rate	Amount (Rs.)	Total HIP
A	Custom Hiring - Pre Harvest					
1	Tractor	52 HP	1	8,60,160	8,60,160	
2	Trolley	10*6*2	1	1,79,200	1,79,200	
3	Rotavator	6 Ft	1	1,30,000	1,30,000	
4	Cultivator		1	38,000	38,000	
5	Tractor Drawn Duck Foot Cultivator		1	36,000	36,000	
	Subtotal				12,43,360	
B	Subtotal					
C	Orange Cleaning & Grading					
1	Optical Grading Unit , Grading based on Size, Washing Waxing and Drying Unit	10 TPH	1	1,50,52,800	1,50,52,800	30
2	Weighing Bridge - 60 Ton	60 Ton	1	6,90,000	6,90,000	2
3	Plastic Crete	20 Kg	2000	275,000	5,50,000	
4	63 KVA Transformer and Installation	63 KVA	1	3,15,000	3,15,000	
5	82.5 KVA Silent DG Set	82.5 KVA	1	7,87,544	7,87,544	10
6	Electrical Panel :-					
i	Auto Mains Failure Panel (100 KVA)	100 KVA	1	75,874	75,874	
ii	Servo Voltage Stabilizer (125 KVA)	125 KVA	1	1,21,776	1,21,776	
iii	Automatic Power Factor Controller (125 KVA)	125 KVA	1	1,14,696	1,14,696	
7	Solar Installation - 60KW	60 KW	1	32,71,750	32,71,750	
	Subtotal				2,09,79,440	
D	Cold Storage / Pre Cooling Chamber					
	Cold Storage	30 Ton	1	14,40,100	14,40,100	15
	Pre - Cooling Chambers	8 Ton	1	24,72,600	24,72,600	10
	Subtotal				39,12,700	67
	Total				2,61,35,500	

Furniture and Fixture

2.3

Sr. No.	Particular	No. Required	Rate	Amount (Rs.)
1	Office Table, Chairs, Wall Fan	1		
Total				

IT & It Infrastructure

2.4

Sr. No.	Particular	No. Required	Rate	Amount (Rs.)
1	Laptop Computer, CCTV	1	1,53,235	1,53,235
Total				1,53,235

Transport vehical (Refer van and other)

2.5

Sr. No.	Particular	No. Required	Rate	Amount (Rs.)
Total				

Preliminary Expenses

2.6

Sr. No.	Particular	Amount (Rs.)
1	Chartered Accountants - DPR Fees	2,00,000
2	Other Mis Expenses - Contingency	15,40,000
Total		17,40,000

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

3.2 Depreciation

As per companies Act

Particulars	Y1	Y2	Y3	Y4	Y5	Y6	Y7
Assets							
Building							
Asset Value	1,18,84,830	1,15,08,081	1,11,31,332	1,07,54,583	1,03,77,834	1,00,01,084	96,24,335
Depreciation	3,76,749	3,76,749	3,76,749	3,76,749	3,76,749	3,76,749	3,76,749
Accumulated Depreciation	3,76,749	7,53,498	11,30,247	15,06,996	18,83,746	22,60,495	26,37,244
Net Fixed Assets	1,15,08,081	1,11,31,332	1,07,54,583	1,03,77,834	1,00,01,084	96,24,335	92,47,586
Plant and Machinery							
Asset Value	2,61,35,500	2,44,81,123	2,28,26,746	2,11,72,369	1,95,17,991	1,78,63,614	1,62,09,237
Depreciation	16,54,377	16,54,377	16,54,377	16,54,377	16,54,377	16,54,377	16,54,377
Accumulated Depreciation	16,54,377	33,08,754	49,63,131	66,17,509	82,71,886	99,26,263	1,15,80,640
Net Fixed Assets	2,44,81,123	2,28,26,746	2,11,72,369	1,95,17,991	1,78,63,614	1,62,09,237	1,45,54,860
Gross Fixed Asset	3,81,73,565	3,61,27,115	3,40,80,665	3,20,34,216	2,99,87,766	2,79,41,316	2,58,94,866
Total Depreciation	20,46,450	20,46,450	20,46,450	20,46,450	20,46,450	20,46,450	20,46,450
Accumulated Depreciation	20,46,450	40,92,900	61,39,349	81,85,799	1,02,32,249	1,22,78,699	1,43,25,148
Net Fixed Assets	3,61,27,115	3,40,80,665	3,20,34,216	2,99,87,766	2,79,41,316	2,58,94,866	2,38,48,417



3.2 Depreciation

As per IT Act

Particulars	Y1	Y2	Y3	Y4	Y5	Y6	Y7
Assets							
Building							
Asset Value	1,18,84,830	1,06,96,347	96,26,712	86,64,041	77,97,637	70,17,873	63,16,086
Depreciation	11,88,483	10,69,635	9,62,671	8,66,404	7,79,764	7,01,787	6,31,609
Accumulated Depreciation	11,88,483	22,58,118	32,20,789	40,87,193	48,66,957	55,68,744	62,00,353
Net Fixed Assets	1,06,96,347	96,26,712	86,64,041	77,97,637	70,17,873	63,16,086	56,84,477
Plant and Machinery							
Asset Value	2,61,35,500	2,22,15,175	1,88,82,899	1,60,50,464	1,36,42,894	1,15,96,460	98,56,991
Depreciation	39,20,325	33,32,276	28,32,435	24,07,570	20,46,434	17,39,469	14,78,549
Accumulated Depreciation	39,20,325	72,52,601	1,00,85,036	1,24,92,606	1,45,39,040	1,62,78,509	1,77,57,058
Net Fixed Assets	2,22,15,175	1,88,82,899	1,60,50,464	1,36,42,894	1,15,96,460	98,56,991	83,78,442
Gross Fixed Asset	3,81,73,565	3,30,03,463	2,85,64,776	2,47,47,604	2,14,60,391	1,86,26,249	1,61,80,226
Total Depreciation	51,70,102	44,38,687	38,17,172	32,87,213	28,34,142	24,46,023	21,13,017
Accumulated Depreciation	51,70,102	96,08,789	1,34,25,961	1,67,13,174	1,95,47,316	2,19,93,339	2,41,06,356
Net Fixed Assets	3,30,03,463	2,85,64,776	2,47,47,604	2,14,60,391	1,86,26,249	1,61,80,226	1,40,67,209

3.3 Amortization Schedule

Particulars	Years	Y1	Y2	Y3	Y4	Y5	Y6	Y7
Preliminary Expenses	5	3,48,000	3,48,000	3,48,000	3,48,000	3,48,000	-	-
Total Value		3,48,000	3,48,000	3,48,000	3,48,000	3,48,000	-	-



3.4 Tax Schedule

Particulars	Y1	Y2	Y3	Y4	Y5	Y6	Y7
EBT	23,58,675	54,73,224	81,61,093	1,06,36,966	1,33,21,776	1,62,81,040	1,91,17,855
Add Depreciation as per companies Act	20,46,450	20,46,450	20,46,450	20,46,450	20,46,450	20,46,450	20,46,450
Less Depreciation as per IT Act	51,70,102	44,38,687	38,17,172	32,87,213	28,34,142	24,46,023	21,13,017
Taxable Income	-7,64,978	30,80,986	63,90,371	93,96,202	1,25,34,084	1,58,81,467	1,90,51,287
Provision of Taxes	-1,14,747	4,62,148	9,58,556	14,09,430	18,80,113	23,82,220	28,57,693
Maximum Tax rate	15%						

4.1 Repayment Schedule

Loan Amount (Rs) 95,43,391
 Interest rate /PA 11.30%
 Loan Tenure in years 2
 Moratorium Period (In 6
 EMI Rs. 5,78,877.11

Year	Particulars	Opening Balance	Interest	Principal Repayment	EMI	Closing Outstanding
Year 1	Month 1	95,43,391	89,867	-	89,867	95,43,391
	Month 2	95,43,391	89,867	-	89,867	95,43,391
	Month 3	95,43,391	89,867	-	89,867	95,43,391
	Month 4	95,43,391	89,867	-	89,867	95,43,391
	Month 5	95,43,391	89,867	-	89,867	95,43,391
	Month 6	95,43,391	89,867	-	89,867	95,43,391
	Month 7	95,43,391	89,867	4,89,010	5,78,877	90,54,381
	Month 8	90,54,381	85,262	4,93,615	5,78,877	85,60,766
	Month 9	85,60,766	80,614	4,98,263	5,78,877	80,62,503
	Month 10	80,62,503	75,922	5,02,955	5,78,877	75,59,548
	Month 11	75,59,548	71,186	5,07,691	5,78,877	70,51,856
	Month 12	70,51,856	66,405	5,12,472	5,78,877	65,39,384
Year 2	Month 13	65,39,384	61,579	5,17,298	5,78,877	60,22,086
	Month 14	60,22,086	56,708	5,22,169	5,78,877	54,99,917
	Month 15	54,99,917	51,791	5,27,086	5,78,877	49,72,831
	Month 16	49,72,831	46,827	5,32,050	5,78,877	44,40,781
	Month 17	44,40,781	41,817	5,37,060	5,78,877	39,03,722
	Month 18	39,03,722	36,760	5,42,117	5,78,877	33,61,604
	Month 19	33,61,604	31,655	5,47,222	5,78,877	28,14,382
	Month 20	28,14,382	26,502	5,52,375	5,78,877	22,62,007
	Month 21	22,62,007	21,301	5,57,577	5,78,877	17,04,431
	Month 22	17,04,431	16,050	5,62,827	5,78,877	11,41,604
	Month 23	11,41,604	10,750	5,68,127	5,78,877	5,73,477
	Month 24	5,73,477	5,400	5,73,477	5,78,877	0

Assumption:
1 Closing stock of each facility is 5%

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

Particulars	Y1	Y2	Y3	Y4	Y5	Y6	Y7
Opening Stock							
Agri Input	-	-	-	-	-	-	-
Trading	20,10,391	26,38,638	33,24,683	40,72,737	48,87,285	57,73,105	-
Grain Processing	-	-	-	-	-	-	-
Horticulture Processing	7,28,699	7,84,566	8,42,376	9,02,184	9,64,049	9,83,330	-
Total	27,39,089	34,23,203	41,67,059	49,74,922	58,51,333	67,56,435	77,38,285
Closing Stock							
Agri Input	5%	-	-	-	-	-	-
Trading	5%	20,10,391	26,38,638	33,24,683	40,72,737	48,87,285	67,35,289
Grain Processing	5%	-	-	-	-	-	-
Horticulture Processing	5%	7,28,699	7,84,566	8,42,376	9,02,184	9,64,049	10,02,996
Total		27,39,089	34,23,203	41,67,059	49,74,922	58,51,333	67,56,435

5.1 Closing and Opening Stock Calculation