

MODEL DPR

ESTABLISHMENT OF SILO

(without capital subsidy)

Under Agriculture Infrastructure Fund Scheme



Submitted to



Department of Agriculture,
Cooperation & Farmers Welfare

Submitted by



Knowledge Partner
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CREDIT CITATION

Preparation of this document has been possible with broad-based support and co-operation from various stakeholders. NABARD Consultancy Services hereby, sincerely and gratefully acknowledges the support and valuable co-operation extended by them.

Our sincere thanks are also due to all others who directly or indirectly helped NABCONS in preparation of this document.

DPR Template for projects under Agriculture Infrastructure Fund¹

1. Details of the Applicant

SN	Particulars	Details
i.	Name of the Applicant	
ii.	Constitution Legal Status of Applicant : (i.e. Govt. organization, NGO, Co-operative society, Company, partnership firm, proprietorship firm, Individual, FPO, Self Help Group, etc.)	To be filled by the applicant
iii.	Registration No. of Applicant/CIN	
iv.	GST No. of Applicant	
v.	Date of Establishment/ Incorporation	
vi.	Address of the registered office	
vii.	PAN No. of Applicant	
viii.	Address of the proposed site	
ix.	District	
x.	State	
xi.	Pin Code	
xii.	Whether lead promoter belong to SC/ ST/ Woman/Minority	

*Details of associates/ allied firms, if any may also be provided.

2. Contact details of the Applicant/Promoter(s)/Partner(s)/Directors(s)/ Members including addresses, telephone, mobile, fax, e-mail, website, PAN etc.

SN	Name of Applicant/ Promoter(s)/ Partner(s)/ Director(s)/ Members	Address	Telephone No.	Mobile No.	E-mail Id	Any other details
1	To be filled by the applicant					
2						

¹ This template is prepared keeping in mind the essential information required by the lending institutions to process the loan application. Different formats of table/description can be used for preparation of the DPR but all the required information in template should be included in the DPR.

**3. Details of the Promoter(s)/Partner(s)/Directors(s)/ Members**

S N	Name of Promoter(s)/ Partner(s)/ Director(s)/ Members	Aadhaar No.	PAN No.	Academic and technical Qualification	Net Worth	DIN No.	Credit Rating	Date of Share holding	Partner profit sharing ratio
1			To be filled by the applicant						
2									

4. Relative experience of the Applicant/Promoter(s)/Partner(s)/Directors(s)/ Members

S N	Name of lead Applicant/Promoter(s)/Partner(s)/ Members of Applicant Entity	Detail of Experience	Details of Turnover (year-wise)	Supporting Document attached, if any (Yes/No)
1	To be filled by the applicant			
2				

5. Details of Existing Banking and Credit facilities of the Applicant/ Promoter(s)/ Partner(s)/ Directors(s)

SN	Types of Facility	Name of Bank and Branch	Limits	Outstanding as on dd/mm/yyyy	Securities	Rate of interest	Repayment terms	Purpose
1	Cash Credit							
2	Term Loan			To be filled by the applicant				
3	Others							

*Information pertaining to credit rating (internal /external) may also be shared along with the aforementioned information

Details of GST Returns submitted, if any or status of registration

6. Project Details

- a. Objective of the proposed project: Silos

b. Category of proposed infrastructure as per the Scheme:

SN	Component	Mark Tick (✓)
1	Supply chain	
2	Warehouses	
3	Silos	✓
4	Pack Houses	
5	Assaying Unit	
6	Sorting & Grading unit	
7	Cold Chain	
8	Logistics facilities	
9	Primary Processing Centres	
10	Ripening Chambers	
11	Organic input production	
12	Bio stimulant production unit	
13	Infrastructure for Smart and precision agriculture	
14	Projects identified for providing supply chain infrastructure for clusters of crops including export clusters.	
15	Projects promoted by Central/State/Local Governments or their agencies under PPP for building community farming assets or post-harvest management projects.	
16	Any other (please Specify)	

c. Type of Operating Model (Rental, PPP, captive, Lease, Franchise etc.) and details

7. Land Details:

To be filled by the applicant, some sample details are added

SN	Particulars	Details
1	Land Area	4000 sq ft (land considered as Owned/ Leased)
2	Status of Legal title & Possession	
3	if leased, Period of lease	
4	Coordinates of location	
5	Details of CLU	
6	Connectivity to roads I. State Highway (in Km.)	XX Km from YY road

SN	Particulars	Details
	II. National Highway (in Km.)	
7	Availability of Water	Borewell and water pipe line
8	Availability of Power	State Electricity board connection

8. Proposed facilities:

I. Details of proposed facility

S N	Type of facilities proposed to be created	No. of Units	Total Capacity [MT, Ltrs, MT/Hr.	No. of Days of operation
1	Warehouse			
2	Silos		2500 Ton per annum	12 months
3	Pack-house			
4	CA Store			
5	Cold store			
6	Frozen store			
7	Pre-cooling Chambers			
8	Processing unit, Weighing, Packing facility [Modify as per actual]			
9	Ripening Chambers			
10	IQF			
11	Blast Freezing			
12	Refrigerated Vehicles/ Reefer vans			
13	Mobile Pre-coolers			
14	Insulated/ non-insulated distribution vehicle			
15	Irradiation Facility			
16	Organic input production			
17	Bio Stimulant production units			
18	Others (Specify)			

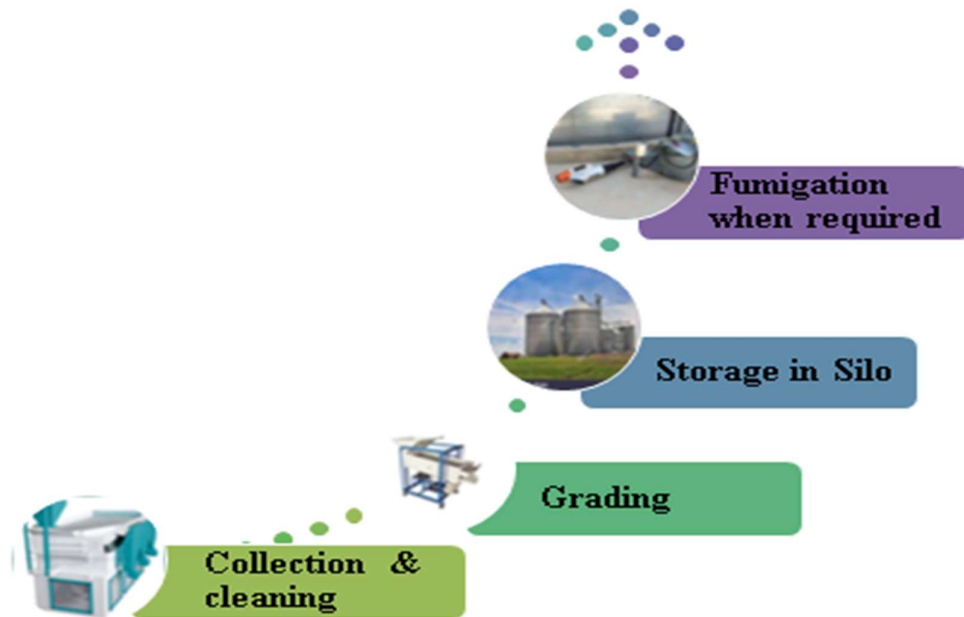
II. Details of technologies to be used/ alternative technologies

III. Flow chart of activity process

A silo is a structure for storing bulk materials. Silos are used in agriculture to store grain or fermented feed known as silage. India loses nearly 14-million tonnes of food grain worth Rs 7,000 crores every year due to inadequate storage capacity. This amounts to approximately 16% of the total annual produce, wasted mainly due to moisture, fungus, rodents and insects etc. This highlights the need for proper storage facilities, like silos or good warehouses. Developing countries primarily need silos for storing food grains safely for long periods of time. They are designed to keep the grains safe from rodents, insects, moisture, fire, natural calamities like floods and earthquakes, and wars etc.

Silos can be made from steel or concrete. Metal ones are easier to erect. Following are the benefits of storing grains in silos.

- Available in variable storage sizes.
- Low running costs due to larger quantities
- Low labour requirements due to high level of mechanization
- Rapid handling, saving time
- Low wastage through spillage and rodents
- Effective and efficient fumigation operation
- Less land area requirement, covers one-third space horizontally of warehouses
- Complete control of aeration
- Possible to store the grain for very long time periods
- Possible to mechanize all operations
- Possible to store moist grain for short term
- Complete protection against natural elements



9. Proposed Project Financials

a. Estimated Project cost details

S. No.	Particulars	Amount (Rs. In Lakhs)
1	Civil Works	4.00
2	Plant & Machineries	18.85
3	Working Capital Margin Money	2.15
	Project Cost	172.00

b. Plant and Machineries

A list of plant and machinery required for a small silo are as under:

S.No	Name of Machinery	Qty. in Nos	Price in Rs.
1	Stainless steel grain storage Silo	4	1,20,00,000
2	Elevator belts	1	80,000
3	Moisture meter	1	50,000
4	Sampling probes	2	40,000
5	Washing tank	2	30,000
6	Grain grading machine	1	215,000
7	Automatic packaging machine	1	100,000
8	Fumigation gun	1	50,000
9	Weighing balance	1	20,000
10	Others (stabilizers, office equipment etc.)	1	100,000
Total Machineries (Rs. In Lakhs)		1,26,85,000	
Total Cost of Plant and Machineries (Rs. In Lakhs)		126.85 Lakhs	

c. Means of finance

S. No.	Source of Finance	Amount (Rs. In Lakhs)	In%
1	*Promoter's Equity (10.00%)	17.2	10.00
2	Term Loan from Bank	129.65	75.38
3	Working Capital Margin Money	25.15	14.62
	Total	172.00	100

*The source of the owned funds and also the capacity of the promoter to support the project in the event of cost escalations due to time overruns should also be mentioned

d. Basic Revenue Projections (₹ in lakh)

SN	Item	Year 1	Year 2	Year 3	Year 4	Year 5
1	Turnover	28.87	31.76	33.52	33.52	35.28
2	Cost of Operations	3.62	3.73	3.89	4.01	4.18
3	Gross Profit	25.25	28.03	29.64	29.51	31.11
4	Earnings Before Interest, Tax, Depreciation and Amortization (EBITDA)	25.25	28.03	29.64	29.51	31.11
5	Profit before taxation	0.345	5.562	9.691	11.955	15.818
6	Profit after taxation	0.242	3.894	6.784	8.368	11.073

*CMA data to be provided along with projected balance sheet, profit & loss statements, covering entire period of repayment.

e. Financial Parameters

SN	Particulars	Details (Ratio/%)	Ref Page No. in DPR*
1	Internal Rate of Return (IRR) [(a) With and (b) without grant/ subsidy]	67.15%	-
2	Avg. Debt Service Coverage Ratio (DSCR)	1.17	-
3	Break Even Point (BEP)	1.00%	-
4	Debt-Equity Ratio (TTL/TNW)	3.02	-
5	Fixed Assets Coverage Ratio	1.62	-

f. Credit Facilities proposed

I. Fund Based

- a) Term Loan **129.65 lacs**
- b) Working Capital **25.15lacs**
(Attach Assessment of working capital, if proposed)

II. Non Fund Based

Collateral Security proposed to be offered and its approximate value for the applicable cases.
(To be furnished only in case of loans above Rs.2 crore)

g. Repayment Schedule (Including moratorium period) - 84 Months (Including 6 months Moratorium)

h. Details of Statutory/other approvals/registrations (status) Completed

10. Availability of Raw Materials in the Catchment Area - provide details such as Adequate Volume, Wider Mix of Raw Materials, Days of Operation in a Year along with supporting data. Based on this information feasibility/viability of the project should be justified.

The unit shall operate for 360 days in a year.

11. Details of the catchment area of the project

S.N	Location of the Catchment (Primary/Secondary)	Name Village/Dist/ APMC	Commodities to be sourced	Quantities to be sourced [MT] (per annum)
1				
2				

*DPR should comprised of detailed chapter on proposed catchment (production and supply statistics).

12. Details of existing demand of the product and marketing arrangements (including e-trading), possibility of for leasing with FCI/CWC/SWC/e-commerce players / retailers for assured cash flows if any.

13. Employment Generation projections

- a. Direct Employment: (Skilled and Semi-skilled): 2
- b. Contractual Employment with no. of days:
- c. Indirect Employment (specify): ...

Particulars	Nos.	Monthly Salary (Rs.)
Labour	1	10000
Security	1	8500
Total salary for the year	2	222000
Total salary (Rs. In Lakh Per year)		2.22 lakhs

- Direct Employment: (Skilled and Semi-skilled) -2
- Indirect Employment (specify): 25

14. Details of renewable/ alternate energy sources including solar energy, if any, proposed to be used for operating the project including inter alia, details of power generation.



50% of power requirement will be fulfilled by renewable energy

15. Details of pollution issues (if any) and adoption of modern technology for reducing the carbon footprints and increasing operational efficiency:-

SN	Name of technology/item	Basic cost (Excluding taxes etc.)	How the technology will help in reducing carbon footprint and/or increase in operational efficiency
1			
2			

16. List of Manufacturers/ Suppliers of P&M (enclose quotations)

I certify that the information / contents as above furnished by me / us are true to the best of my / our knowledge and belief and nothing material has been concealed. In case, any information furnished in the application is found false, my / our application may be rejected out at any stage by the Bank and not eligible under Agriculture Infrastructure Fund scheme.

To be filled by the applicant

Date: _____

Signature of the Applicant

Place: _____



Annexures

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Annexure 1 - Estimated cost of the project

Estimated cost of project		
Sr. No.	Particulars	Grand Total (in lakhs)
1	Land and site development	
(a)	Land (Lease in name of company)	-
	Total	-
2	Civil Work	
(a)	Civil Work	20.00
	Total	20.00
3	Plant and Machinery (indigenous)	
(a)	Plant and Machinery	126.85
	Total	126.85
4	Miscellaneous Fixed Assets	
(a)	Cost	-
5	Working Capital Margin	25.15
6	Preliminary Expenses	
(a)	Security Deposit	-
	Total	
	Pre-Operative Expense (for 6 months upto the date of commencement of commercial production)	
(a)	Establishment and Travelling and Other Expenses	-
(b)	Legal and Misc Expense	-
	Total	-
	Total Cost of Project	172.00

Annexure 2 - Means of Finance

Sr. No.	Item	Grand Total (in lakhs)	
1	Promoter's equity	17.20	
2	Eligible Assistance	-	
3	Term Loan	129.65	0.7538
4	CC Limit	25.15	0.1462
	Total	172.00	

Annexure 3 - Complete Estimate of Civil and Plant and Machinery

Complete Estimate of Civil and plant and machinery					
1. Civil work and other		Area/ capacity	Amt		
1	Boundary				
2	Collection platform	4000 sq ft		2,000,000	
3	Office construction				
Total (Civil work)				2,000,000	
2. Plant and machinery		Capacity	Units	Rate	Amt
1	Stainless steel grain storage Silo				12,000,000
2	Elevator belts		1	80,000	80,000
3	Moisture meter		1	50,000	50,000
4	Sampling probes		2	20,000	40,000
5	Washing tank		2	15,000	30,000
6	Grain grading machine		1	215,000	215,000
7	Automatic packaging machine		1	100,000	100,000
8	Funigation gun		1	50,000	50,000
9	Weighing balance		1	20,000	20,000
10	Others (stablizers, office equipments etc.)			100,000	100,000
Total Plant and Machinery					12,685,000
Total fixed Assets					14,685,000

Annexure 5- Projected balance sheet

Projected Baalance sheet

Sr. No	Description	Year ending March 31st								
		I	II	III	IV	V	VI	VII	VIII	IX
A	Asset									
1	Fixed Capital expenditure									
	Gross Block	14,685,000	13,216,500.00	11,894,850.00	10,705,365.00	9,634,828.50	8,671,345.65	7,804,211.09	7,023,789.98	6,321,410.98
	Less- Depreciation	1,468,500	1,321,650.00	1,189,485.00	1,070,536.50	963,482.85	867,134.57	780,421.11	702,379.00	632,141.10
	net Block	13,216,500	11,894,850.00	10,705,365.00	9,634,828.50	8,671,345.65	7,804,211.09	7,023,789.98	6,321,410.98	5,689,269.88
2	Sundry debtors	240,579	264,637	279,339	279,339	294,041	294,041	294,041	294,041	294,041
3	Cash/ bank balance	2,760,199	2,257,851	1,777,196	1,271,529	779,336	276,383	(246,004)	1,196,469	2,587,821
	Total assets	16,217,279	14,417,338	12,761,900	11,185,697	9,744,723	8,374,636	7,071,827	7,811,921	8,571,132
B	Liabilities									
1	Capital	1,720,000	1,732,086	1,926,762	2,265,938	2,684,351	3,237,993	3,862,521	4,554,327	5,294,421
	Add- Profit	12,086	194,675	339,177	418,413	553,641	624,528	691,806	740,094	759,211
	Less- Drawings	-	-	-	-	-	-	-	-	-
	Closing capital	1,732,086	1,926,762	2,265,938	2,684,351	3,237,993	3,862,521	4,554,327	5,294,421	6,053,632
2	Term Loan	11,967,692	9,973,077	7,978,462	5,983,846	3,989,231	1,994,615	-	-	-
3	Working capital	2,515,000	2,515,000	2,515,000	2,515,000	2,515,000	2,515,000	2,515,000	2,515,000	2,515,000
4	Creditors	2,500	2,500	2,500	2,500	2,500	2,500	2,500	2,500	2,500
	Total liabilities	16,217,279	14,417,338	12,761,900	11,185,697	9,744,723	8,374,636	7,071,827	7,811,921	8,571,132
	Current Ratio									
	Current Assets	3,000,779	2,522,488	2,056,535	1,550,869	1,073,378	570,425	48,037	1,490,510	2,881,862
	Current Liabilities	2,517,500	2,517,500	2,517,500	2,517,500	2,517,500	2,517,500	2,517,500	2,517,500	2,517,500
	Ratio	1.191967672	1.001981528	0.816895734	0.616035237	0.426366501	0.226583881	0.01908123	0.592059639	1.144731704
	Debt Equity ratio									
	Debt	14,482,692	12,488,077	10,493,462	8,498,846	6,504,231	4,509,615	2,515,000	2,515,000	2,515,000
	Equity	1,732,086	1,926,762	2,265,938	2,684,351	3,237,993	3,862,521	4,554,327	5,294,421	6,053,632
	Ratio	8.361414934	6.48138155	4.630956076	3.166071045	2.008723205	1.16753173	1	0	0
	Average				3.02875356					
	Fixed asset coverage ratio									
	Fixed assets	13,216,500	11,894,850	10,705,365	9,634,829	8,671,346	7,804,211	7,023,790	6,321,411	5,689,270
	Debt	14,482,692	12,488,077	10,493,462	8,498,846	6,504,231	4,509,615	2,515,000	2,515,000	2,515,000
	ratio	0.912572036	0.952496535	1.020193857	1.133663126	1.333185423	1.730571328	2.792759434	2.513483491	2.262135142
	Debt service coverage ratio									
	Interest on loan (TL + WC)	1,021,920	924,683	805,006	685,329	565,652	445,975	326,298	251,500	251,500
	Instalment of loan	997,308	1,994,615	1,994,615	1,994,615	1,994,615	1,994,615	1,994,615	-	-
	Total	2,019,228	2,919,298	2,799,621	2,679,944	2,560,267	2,440,590	2,320,913	251,500	251,500
	Net operating income	2,524,952	2,802,548	2,963,628	2,951,330	3,110,968	3,097,475	3,083,309	3,068,434	3,052,815
	ratio	1.250454451	0.960007396	1.058560233	1.101265406	1.215094845	1.269150083	1.328489327	12.20053161	12.13842897
	Average				1.117076466					

Annexure 8 - Details of Mnpower

Details of Manpower

S. No.	Designation	In no.	Salary per person per month	Annual cost
i.	Labour	1	10,000	120,000
ii.	Security	1	8,500	102,000
Total				222,000

Total annual wages	222,000
Annual increase in wages	5%
Total manpower	2

Annexure 9 - Computation of Depreciation

Computation of Depreciation

Sr. No.	Particulars	Building and civil work	Plant and Machinery	Misc Fixed Asset	Amount in lakhs
i.	Cost	2,000,000	12,685,000	-	146.85
ii.	Pre operatives	-	-	-	-
iii.	Contingencies	-	-	-	-
	Total				146.85

Years	Rates of Depreciation	10%	10%	10%	Total
Year 1		200,000.00	1,268,500.00	-	1,468,500.00
Year 2		180,000.00	1,141,650.00	-	1,321,650.00
Year 3		162,000.00	1,027,485.00	-	1,189,485.00
Year 4		145,800.00	924,736.50	-	1,070,536.50
Year 5		131,220.00	832,262.85	-	963,482.85
Year 6		118,098.00	749,036.57	-	867,134.57
Year 7		106,288.20	674,132.91	-	780,421.11
Year 8		95,659.38	606,719.62	-	702,379.00
Year 9		86,093.44	546,047.66	-	632,141.10

Annexure 10 - Calculation of Income tax

Calculation of Income Tax

Particulars	Year ending March 31st								
	I	II	III	IV	V	VI	VII	VIII	IX
Net profit before tax	1,503,032	1,877,865	2,158,562	2,266,001	2,545,316	2,651,500	2,757,011	2,816,934	2,801,315
Add- dep on SLM	-	-	-	-	-	-	-	-	-
Sub total	1,503,032	1,877,865	2,158,562	2,266,001	2,545,316	2,651,500	2,757,011	2,816,934	2,801,315
Less- Dep on WDV	1,468,500	1,321,650	1,189,485	1,070,537	963,483	867,135	780,421	702,379	632,141
Sub total	34,532	556,215	969,077	1,195,465	1,581,833	1,784,366	1,976,590	2,114,555	2,169,174
Less - Deductions	-	-	-	-	-	-	-	-	-
Taxable profits	34,532	556,215	969,077	1,195,465	1,581,833	1,784,366	1,976,590	2,114,555	2,169,174
Income tax @30%	10,360	166,865	290,723	358,639	474,550	535,310	592,977	634,366	650,752

Annexure 11- Break even analysis (At maximum capacity utilization)

Break even capacity at maximum capacity utilization

Sales		4,811,587
Variable cost		
- Interest on Working capital	251,500	
- electricity expense	82,688	334,188
Contribution		4,477,400
Less: fixed cost		
Wages and salaries		222,000
Office Electricity expense		40,000
Fumigation		10,000
Stationery		15,000
Depreciation		1,468,500
Fixed cost		1,755,500

Particulars	Rs. per kg
Sales price per kg	97
Interest on Working capital	0.10
Electricity charges	0.03
Contribution per unit	96.87
FC	1,755,500
BEP in kgs	18,122.91
BEP %	1.00%

Annexure 13 - Repayment schedule

Repayment schedule

Amount of Loan (in lakhs)	129.65
Rate of interest	6.00%
Moratorium period	6 months

Year	Quarter	Balance outstanding	Principal instalment	Interest
1	1	129.65	0	1.94475
	2	129.65	0	1.94475
	3	129.65	4.986538462	1.94475
	4	124.6634615	4.986538462	1.86995
2	1	119.6769231	4.986538462	1.79515
	2	114.6903846	4.986538462	1.72036
	3	109.7038462	4.986538462	1.64556
	4	104.7173077	4.986538462	1.57076
3	1	99.73076923	4.986538462	1.49596
	2	94.74423077	4.986538462	1.42116
	3	89.75769231	4.986538462	1.34637
	4	84.77115385	4.986538462	1.27157
4	1	79.78461538	4.986538462	1.19677
	2	74.79807692	4.986538462	1.12197
	3	69.81153846	4.986538462	1.04717
	4	64.825	4.986538462	0.97238
5	1	59.83846154	4.986538462	0.89758
	2	54.85192308	4.986538462	0.82278
	3	49.86538462	4.986538462	0.74798
	4	44.87884615	4.986538462	0.67318
6	1	39.89230769	4.986538462	0.59838
	2	34.90576923	4.986538462	0.52359
	3	29.91923077	4.986538462	0.44879
	4	24.93269231	4.986538462	0.37399
7	1	19.94615385	4.986538462	0.29919
	2	14.95961538	4.986538462	0.22439
	3	9.973076923	4.986538462	0.1496
	4	4.986538462	4.99	0.0748

Annexure 14 - Cash Flow operations

Particulars	I	II	III	IV	V	VI	VII	VIII	IX
Opening cash Balance	2,515,000.00	2,760,199.24	2,257,851.19	1,777,195.63	1,271,529.32	779,336.21	276,383.46	(246,004.46)	1,196,468.68
Add: Sales realizations	2,646,373.12	2,911,010.43	3,072,733.24	3,072,733.24	3,234,456.04	3,234,456.04	3,234,456.04	3,234,456.04	3,234,456.04
Less: Payment made to creditors of previos year	-	2,500.00	2,500.00	2,500.00	2,500.00	2,500.00	2,500.00	2,500.00	2,500.00
Add: Receipts from debtors of previos year	-	240,579.37	264,637.31	279,339.39	279,339.39	294,041.46	294,041.46	294,041.46	294,041.46
Less: Payments made for current year purchase	359,500.00	370,600.00	386,005.00	398,242.75	415,029.89	428,522.01	442,688.73	457,563.79	473,182.61
Less: Interest payments	1,021,920.19	924,682.69	805,005.77	685,328.85	565,651.92	445,975.00	326,298.08	251,500.00	251,500.00
	3,779,952.93	4,614,006.36	4,401,710.96	4,043,196.65	3,802,142.94	3,430,836.70	3,033,394.15	2,570,929.24	3,997,783.57
Income tax	10,359.69	166,864.52	290,723.06	358,639.36	474,549.85	535,309.78	592,976.87	634,366.41	650,752.14
	3,769,593.24	4,447,141.84	4,110,987.91	3,684,557.29	3,327,593.09	2,895,526.92	2,440,417.28	1,936,562.83	3,347,031.43
Distrucutions made from profits	12,086.31	194,675.27	339,176.90	418,412.58	553,641.49	624,528.07	691,806.35	740,094.15	759,210.83
	3,757,506.93	4,252,466.57	3,771,811.01	3,266,144.71	2,773,951.59	2,270,998.85	1,748,610.92	1,196,468.68	2,587,820.61
Less: Principal repayment of loan	997,307.69	1,994,615.38	1,994,615.38	1,994,615.38	1,994,615.38	1,994,615.38	1,994,615.38	-	-
Closing cash balance	2,760,199.24	2,257,851.19	1,777,195.63	1,271,529.32	779,336.21	276,383.46	(246,004.46)	1,196,468.68	2,587,820.61

S. No. Assumptions

1 Silos electricity expense are semi-fixed cost. Rs. 50,000 pa is fixed, balance is variable at Rs. 10 per unit usage

2 Electricity usage in units is given below

Usage in units	7500	7500	7875	7875	8268.75	8268.75	8268.75	8268.75	8268.75
Variable cost	75000	75000	78750	78750	82687.5	82687.5	82687.5	82687.5	82687.5

3 Stationery expense is fixed at Rs. 15,000

4 Revenue is Rs. 105 per MT per month which increase at 10% per annum

5 Capacity utilization in year I is 90% which will increase 5% annually after every 2 years



(Wholly – owned subsidiary of NABARD)

- i. More than 100 Full-time Consultants**
- ii. Backed by 400 domain specialists**
- iii. Executed over 1700 assignments across India and in African and Asian Continents**
- iv. Core Competencies**
 - a. Preparation/Appraisals of DPRs**
 - b. Techno-feasibility study**
 - c. Baseline Surveys**
 - d. Project Management Consultancy**
 - e. Climate Issues and Green Funds**
 - f. Monitoring and Evaluation**
 - g. Impact Assessment Studies**
 - h. Third Party Monitoring of Infrastructural Projects**
 - i. Skills for Livelihood**
 - j. Capacity Building**
 - k. Accreditation of Rural Godowns**
 - l. Climate Change Issues**
 - m. CSR Facilitation**
 - n. IT in Rural Banks**

Pro - Services Rendered by NABCONS

No.	Name of Services	Description
1	Project Management Consultancy (PMC)	Entails provision of end-to-end solution, including assistance in statutory approvals, bid process management, issuing and evaluating tender documents and supervision over infrastructure projects like Mega Food Park, Rural Godowns, Cold Storage, etc. funded by Govt. or private entities.
2	Preparation of Detailed Project Report / Conduct / Techno-economic Feasibility	For various activities under agriculture, horticulture, forestry, fisheries, irrigation, animal husbandry, food processing activities, agri-infrastructure, climate issues, etc.
3	Third Party Monitoring (TPM) of Infrastructure Projects	TPM of various Govt.-funded infra projects to assess the level of compliance followed in execution. This also covers socio-economic impact evaluation.
4	Monitoring and Evaluation (M&E)	M & E is undertaken for various developmental schemes of Govt. of India and State Govts in the areas of agriculture, animal husbandry and all other socio-development sectors.
5	Training and Capacity Building	Training is imparted on forward markets, agriculture market infrastructure, rural godown, agri-financing, treasury and investment management for banks, etc.
6	Studies / Baseline Surveys	Baseline surveys are taken up for measuring impact of community investment made by public and private sector Companies. Studies are conduct on women, children, disadvantaged groups / regions, etc.
7	Livelihood Mapping	Livelihood mapping and analysis is done for identification of potential activities to be taken up by SHGs
8	International Visitors' Programme / International Exposure Visits	Entails organizing study tours / exposure for the visiting foreign delegates to their areas of interest such as watershed, micro-finance, fin-inclusion, cooperatives, projects appraisal, agro-processing, post-harvest technologies, farmers' clubs, etc.
9	Consultancy on Banking and Finance	Designing and execution of priority sector strategies, advisory services on Treasury and Investment Management for Banks, preparation of IT Policy, etc.
10	Transaction advisory	Transaction Advisory for setting up of Agri-mall, Silos & Cold Storages
11	Skills for Livelihood	Skilling of rural BPL youth and placement in the formal sector, monitoring skill initiatives of MORD, Govt. of India, facilitating access to credit for trainees, etc.
12	Accreditation of Godowns	Engaged by WDRA as Accreditation Agency for accrediting rural godowns.