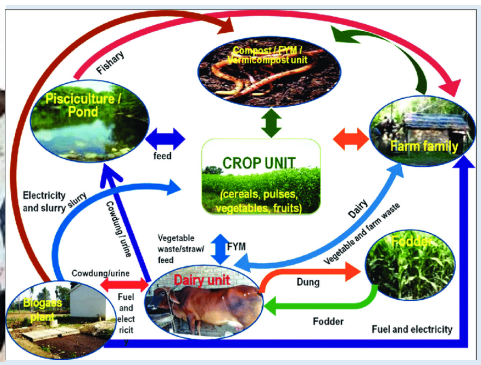
कृषि एवं सम्बद्ध गतिविधियों में निवेश ऋण हेतु इकाई लागतें 2025-26

Unit Costs for Investment credit in Agriculture & Allied sectors 2025-26



राष्ट्रीय कृषि एवं ग्रामीण विकास बैंक

छत्तीसगढ़ क्षेत्रीय कार्यालय, नवा रायपुर

मई 2025

National Bank for Agriculture and Rural Development

Chhattisgarh Regional Office, Nava Raipur

May 2025

विज़न

ग्रामीण समृद्धि के लिए राष्ट्रीय विकास बैंक

VISION

"Development Bank of the Nation for fostering rural prosperity"

मिशन

"सहभागिता, संधारणीयता और समानता पर आधारित वित्तीय और गैर-वित्तीय सहयोगों, नवोन्मषों, प्रौद्योगिकी और संस्थागत विकास के माध्यम से समृद्धि लाने के लिए कृषि और ग्रामीण विकास का संवर्धन"

MISSION

"Promote sustainable and equitable agriculture and rural development through participative financial and non-financial interventions, innovations, technology and institutional development for securing prosperity"

Foreword

Capital formation is the foundation for transforming Indian agriculture into a productive, resilient and market-driven sector. Investment in agriculture and allied activities leads to asset creation which yield benefits over an extended period. Investment credit and other bank loans are essential tools that empower farmers to make long term, productive-enhancing investments. NABARD has been playing a catalytic role in facilitating investment credit by supporting bank and financial institutions with policy support, refinance support and technical inputs. One of the key enablers in this process is the preparation and dissemination of realistic and region-specific unit cost for various investment activities in agriculture and allied sector.

The Unit Cost Booklet for 2025-26 has been prepared by NABARD, Chhattisgarh Regional Office, based on the deliberation and recommendation of the State Level Unit Cost Committee (SLUCC) meeting held on 23 May 2025 in consultation with key stakeholders, including representative from the State Government departments, banks and technical experts. The unit cost has been revised and updated taking into consideration current market trends, input costs, field level data and feedback from various experts. The Unit Costs fixed by the SLUCC are indicative in nature and banks, at their discretion, may arrive at the unit cost for respective activities based on the conditions prevailing in their area of operation, technical feasibility, financial viability, and bankability of the project.

This year, many new activities have been added in the unit cost based on the demand from the banks and line departments. Further, component-wise breakup of many investment activities has also been included to give a complete understanding of Unit Cost.

I hope that this booklet will serve as a valuable reference to banks, financial institutions and other implementing agencies in preparing and appraising investment credit proposals. I would like to place on record my sincere appreciation for the efforts of all stakeholders who contributed to the preparation of this booklet, particularly the officials of State Government departments, banks and NABARD officers. I look forward to continued collaboration in strengthening rural credit delivery and fostering inclusive rural prosperity in the state.

(Dr. Gyanendra Mani)
Chief General Manager
NABARD, Chhattisgarh RO

प्राक्कथन

भारतीय कृषि को उत्पादक, लचीला और बाजार संचालित क्षेत्र में परिवर्तित करने के लिए पूंजी निर्माण एक महत्त्वपूर्ण आधार है। कृषि और संबद्ध गतिविधियों में निवेश से परिसंपत्ति निर्माण होता है जिससे यह विस्तारित अवधि तक लाभ प्रदान करता है। निवेश ऋण और अन्य बैंक ऋण वह आवश्यक साधन है जो किसानों को दीर्घकालिक ऋण, उत्पादकता बढ़ाने वाले निवेश के लिए सशक्त करता है। नाबार्ड नीतिगत समर्थन, पुनर्वित्त सहायता और तकनीकी इनपुट के साथ बैंक और वित्तीय संस्थानों का समर्थन करके निवेश ऋण की सुविधा में उत्प्रेरक की भूमिका निभा रहा है। इस प्रक्रिया में प्रमुख सहायक कारकों में से एक है कृषि और संबद्ध क्षेत्र में विभिन्न निवेश गतिविधियों के लिए यथार्थवादी और क्षेत्र-विशिष्ट इकाई लागत को तैयार करना व उसका प्रसार करना।

नाबार्ड, छत्तीसगढ़ क्षेत्रीय कार्यालय द्वारा दिनांक 23 मई 2025 को आयोजित राज्य स्तरीय इकाई लागत समिति (एसएलयूसीसी) की बैठक में राज्य सरकार के विभागों, बैंकों और तकनीकी विशेषज्ञों के प्रतिनिधियों से विचार-विमर्श और अनुशंसा के आधार पर वर्ष 2025-26 के लिए इकाई लागत पुस्तिका तैयार की गई है। इकाई लागत को वर्तमान में हो रहे बाजार प्रवत्तियाँ, इनपुट लागत, फील्ड स्तर के आंकड़ों और विभिन्न विशेषज्ञों से प्राप्त फीडबैक को ध्यान में रखते हुए संशोधित व अद्यतन किया गया है।एसएलयूसीसी द्वारा निर्धारित इकाई लागत सूचक है और बैंक, अपने विवेक पर, अपने परिचालन क्षेत्र, तकनीकी व्यवहार्यता, वित्तीय व्यवहार्यता और परियोजना की बैंकयोग्यता में प्रचलित स्थितियों के आधार पर संबंधित गतिविधियों के लिए इकाई लागत निर्धारित कर सकते हैं।

इस वर्ष, बैंकों और लाइन विभागों की मांग के आधार पर इकाई लागत में कई नई गतिविधियों को जोड़ा गया है। आगे, इकाई लागत को पूर्ण रूप से समझाने के लिए कई निवेश गतिविधियों के घटक-वार विवरण को भी सम्मिलित किया गया है।

मैं आशा करता हूँ कि यह पुस्तिका बैंकों, वित्तीय संस्थानों और अन्य वित्तीय संस्थाओं को निवेश ऋण प्रस्तावों को तैयार करने और अवगत कराने और मूल्यांकन करने के लिए एक मूल्यवान संदर्भ पुस्तिका के रूप में कार्य करेगी। मैं इस पुस्तिका को तैयार करने में योगदान देने वाले सभी हितधारकों के प्रयासों को, विशेष रूप से राज्य सरकार के विभागों, बैंकों और नाबार्ड के अधिकारियों की प्रशंसा करता हूँ। मैं राज्य में ग्रामीण ऋण वितरण को सुदृढ़ करने और समावेशी ग्रामीण समृद्धि को बढ़ावा देने में निरंतर सहयोग की अपेक्षा करता हूँ।

ज्ञानेन्द्र मणि

(डॉ. ज्ञानेंद्र मणि)

मुख्य महाप्रबंधक

नाबार्ड, छत्तीसगढ़ क्षेत्रीय कार्यालय

अस्वीकरण

नाबार्ड किसी भी उद्देश्य के लिए इस रिपोर्ट का उपयोग करने वाले किसी भी व्यक्ति के प्रति कोई वित्तीय दायित्व स्वीकार नहीं करता है। सुझाई गई लागत और पैरामीटर नाबार्ड को उपलब्ध जानकारी पर आधारित हैं। सभी इकाई लागतें सांकेतिक प्रकृति की हैं और क्षेत्र/स्थानीय स्थितियों के आधार पर भिन्नताएं हो सकती हैं। बैंक/सरकारी एजेंसियां क्षेत्र स्तर की स्थितियों पर विचार करते हुए और तकनीकी व्यवहार्यता, वित्तीय व्यवहार्यता और निवेश की बैंक योग्यता को ध्यान में रखते हुए ऋण, आवश्यकता का आकलन कर सकती हैं।

इकाई लागत के अनुमोदन की तिथि: 23 मई 2025

संपर्क: राष्ट्रीय कृषि और ग्रामीण विकास बैंक छत्तीसगढ़ क्षेत्रीय कार्यालय,

प्लॉट नंबर: 01, सेक्टर -24, नवा रायपुर, अटल नगर, रायपुर -छत्तीसगढ़

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Disclaimer

NABARD accepts no financial liability towards any person using this report for any purpose. The suggested costs and parameters are based on the information available to NABARD. All unit costs are indicative in nature and may vary depending on region/local conditions. Banks/Government agencies may assess the credit requirement considering the field level conditions and taking into account the technical feasibility, financial viability and bankability of investment.

Date of approval of the unit cost: 23 May 2025

Contact: National Bank for Agriculture and Rural Development

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INDEX

1. WATER RESOURCES AND MINOR IRRIGATION

S.No.	Activity	Specifications	Unit Cost approved by SLUCC for FY 2025-26 (Rs.)
1	Dug Well	3m dia x10m depth	1,47,730
2	Dug Well	4m dia x10m depth	1,60,902
3	Dug Well	5m dia x10m depth	1,71,568
4	Dug Well	6m dia x10m depth	1,80,225
5	Tube Well	150mm dia x 100m depth , pump set 3 HP	1,21,594
6	Tube Well	150mm dia x 100m depth, pump set 5 HP	1,27,628
7	Electric Pump Sets	0.5HP - 1 HP	9,000
8	Electric Pump Sets	1HP - 2 HP	13,500
9	Electric Pump Sets	2HP - 3 HP	18,000
10	Electric Pump Sets	3 HP - 4 HP	27,000
11	Electric Pump Sets	4 - 5 HP	31,000
12	Diesel Pump Sets	3 HP - 4 HP	23,500
13	Diesel Pump Sets	4 - 5 HP	29,500
14	Submersible PS	3 HP - 4 HP	40,000
15	Submersible PS	4 - 5 HP	45,000
16	Pump sets (Petrol)	1-3 HP	28,000
17	Pump sets (Petrol)	3-5 HP	30,000
18	Solar Photo Voltaic Irrigation Pump Setup (surface pump)*	3 HP DC	3,16,356
19	Solar Photo Voltaic Irrigation Pump Setup (surface pump)*	3 HP AC	3,16,356
20	Solar Photo Voltaic Irrigation Pump Setup (surface pump)*	5 HP DC	4,65,458
21	Solar Photo Voltaic Irrigation Pump Setup (surface pump)*	5 HP AC	4,29,155
22	Solar Photo Voltaic Irrigation Pump Setup (submersible pump)*	3 HP DC	3,39,045

23	Solar Photo Voltaic Irrigation Pump Setup (submersible pump)*	3 HP AC	3,33,211
24	Solar Photo Voltaic Irrigation Pump Setup (submersible pump)*	5 HP DC	4,71,292
25	Solar Photo Voltaic Irrigation Pump Setup (submersible pump)*	5 HP AC	4,29,155
26	Drip Irrigation	2mx2m spacing in 1 Ha	1,05,102
27	Drip Irrigation	3mx3m spacing in 1 Ha	60,404
28	Drip Irrigation	4mx4m spacing in 1 Ha	52,542
29	Drip Irrigation	5mx5m spacing in 1 Ha	49,814
30	Drip Irrigation	10mx10m spacing in 1 Ha	33,120
31	Drip Irrigation	2mx2m spacing in 4 Ha	4,11,718
32	Drip Irrigation	3mx3m spacing in 4 Ha	2,02,531
33	Drip Irrigation	4mx4m spacing in 4 Ha	1,88,086
34	Drip Irrigation	5mx5m spacing in 4 Ha	156,113
35	Drip Irrigation	10mx10m spacing in 1Ha	1,03,762
36	Drip Irrigation	1.2mx0.6m spacing in 0.2 Ha	39,766
37	Drip Irrigation	1.2mx0.6m spacing in 0.4 Ha	72,410
38	Drip Irrigation	1.5mx0.6m spacing in 0.2 Ha	35,423
39	Drip Irrigation	1.5mx0.6m spacing in 0.4 Ha	63,397
40	Drip Irrigation	1.8mx0.6m spacing in 0.2 Ha	31,081
41	Drip Irrigation	1.8mx0.6m spacing in 0.4 Ha	54,385
42	Sprinkler Irrigation	75mm dia portable sprinkler in 1 Ha	30,605
43	Sprinkler Irrigation	75mm dia portable sprinkler in 2 Ha	43,842
44	Sprinkler Irrigation	3mx3m spacing in 0.4 Ha , micro sprinkler	48,402
45	Sprinkler Irrigation	3mx3m spacing in 1 Ha , micro sprinkler	93,938
46	Sprinkler Irrigation	3mx3m spacing in 2 Ha , micro sprinkler	1,69,283
47	Sprinkler Irrigation	5mx5m spacing in 0.4 Ha , micro sprinkler	41,382
48	Sprinkler Irrigation	5mx5m spacing in 1 Ha , micro sprinkler	82,354
49	Sprinkler Irrigation	5mx5m spacing in 2 Ha , micro sprinkler	1,44,749
50	Sprinkler Irrigation	8mx8m spacing in 0.4 Ha , mini sprinkler	60,123

51	Sprinkler Irrigation	8mx8m spacing in 1 Ha , mini sprinkler	1,31,399
52	Sprinkler Irrigation	10mx10m spacing in 0.4 Ha, mini sprinkler	57,803
53	Sprinkler Irrigation	8mx8m spacing in 1 Ha, mini sprinkler	1,19,075
54	Sprinkler Irrigation	75mm dia large volume sprinkler in 1 Ha	48,231
55	Sprinkler Irrigation	75mm dia large volume sprinkler in 2 Ha	61189
56	Water Harvesting / Recharge structure	1000sq ft Plastic Tank	31,900
57	Water Harvesting / Recharge structure	1000sq ft RCC Tank	50,600
58	Water Harvesting / Recharge structure	2000sq ft Plastic Tank	46,200
59	Water Harvesting / Recharge structure	2000sq ft RCC Tank	69,300

2. ANIMAL HUSBANDRY

S No.	Item of investment	Unit Size (No. of animals/birds)	Unit Cost approved by SLUCC for FY 2025-26 (Rs.)
	2.a. DAIRY		
1	Improved Indigenous/Crossbred Cows (CBC) yielding 8 litres milk per day	2 animals (1+1)	2,41,734
2	Improved Indigenous/Crossbred Cows (CBC) yielding 8 litres milk per day	3 animals (2+1)	3,65,420
3	Improved Indigenous/Crossbred Cows (CBC) Yielding 10 litres milk per day	2 animals (1+1)	2,88,194
4	Graded Murrah Buffalo rearing	2 animals (1+1)	3,32,594
5	Graded Murrah Buffalo rearing	3 animals (2+1)	4,90,360
6	Pure Murrah Buffalo	2 animals	3,99,194
7	Cold storage for milk products – Unit	1 Unit	33,00,000

S No.	Item of investment	Unit Size (No. of animals/birds)	Unit Cost approved by SLUCC for FY 2025-26 (Rs.)
2.b. POULTRY			
8	Broiler	1000 birds	8,36,000
9	Broiler	5000 birds	33,80,000
10	Layers	1000 birds	10,53,000
11	Layers	5000 birds	45,44,000
2.c. SHEEP, GOAT and PIG			
12	Sheep / Goat rearing	20+2	11,96,125
13	Pig rearing	5+1	10,38,525
14	Pig Breeding	20+4	56,01,300
15	Power driven Chaff Cutter	1 hp	8,000
16	Power driven Chaff Cutter	2 hp	15,000
17	Power driven Milking Machine	Double Power-Single Bucket	38,000
18	Power driven Milking Machine	Double Power -Double Bucket	48,000

3. FODDER CULTIVATION

S.No.	Activity	Specifications	Unit Cost approved by SLUCC for FY 2025-26 (Rs.)
1	Sorghum	1 Ha	35,442
2	Berseem	1 Ha	47,425

4. PLANTATION AND HORTICULTURE

S.No.	Activity	Specifications	Unit Cost approved by SLUCC for FY 2025-26 (Rs.)
1	Mango	1 ha (any improved variety, spacing 10m x 10m)	4,21,020
2	Mango	1 ha (any improved variety, spacing 7m x 7m)	6,18,730
3	Guava	1 ha (any improved variety, spacing 6m x 6m)	3,43,880
4	Citrus	1 ha (any improved variety, spacing 5m x 5m)	2,59,888
5	Strawberry	1 ha (any improved variety, spacing 45cm*90cm)	6,22,250
6	Jackfruit	1 ha (any improved variety, spacing 10m x 10m)	3,70,810
7	Papaya	Per ha (any improved variety, spacing 2m x 2m)	2,46,250
8	Pear	Per ha (any improved variety, spacing 7m x 7m)	2,84,760
9	Peach	Per ha (any improved variety, spacing 7m x 7m)	3,15,590
10	Cashew	Per ha (any improved variety, spacing 7m x 7m)	5,79,730
11	Litchi	Per ha (any improved variety, spacing 7m x 7m)	2,84,760
12	Banana	Per ha (any improved variety, spacing of 2.5m x 2.5m)	2,90,004
13	Citrus	Per ha (any improved variety, spacing of 5m x 5m)	2,59,888
14	Kagzi Lime	Per ha (any improved variety, spacing of 5m x 5m)	1,94,614
15	Oil palm	Per ha (any improved variety of Tenera Hybrid, spacing of 5m x 5m X9m-Triangular planting)	3,83,369
16	Apple	Per ha (any improved variety, spacing of 6mx6m)	3,43,880

5. AGROFORESTRY AND WASTELAND DEVELOPMENT

S.No.	Activity	Specifications	Unit Cost approved by SLUCC for FY 2025-26 (Rs.)
1	Bamboo	Spacing of 5.0 m x 5.0 m, Total no of trees- 400/ha	1,50,000
2	Eucalyptus	Spacing of 3.0 m x 2.0 m, Total no of trees- 1667/ha	1,00,000

6. FISHERIES DEVELOPMENT

S.No.	Activity	Specifications	Unit Cost approved by SLUCC for FY 2025-26 (Rs.)
1	Establishment of New Freshwater Finfish Hatcheries	1 hectare	33,16,078
2	Construction of New Rearing ponds (Nursery/seed rearing ponds)	1 hectare	10,51,400
3	Construction of New Grow-out ponds	1 hectare	21,02,600
4	Inputs for freshwater Aquaculture including composite fish culture, Scampi, Pangasius, Tilapia etc.	1 hectare	12,55,000
5	Construction of Bio floc ponds for Freshwater areas including inputs	1 hectare	16,75,000
6	Biofloc (25 tanks of 4m diameter and 1.0 height)	(25 tanks of 4m diameter and 1.0 m height)	26,20,000
7	Biofloc (7 tanks of 4m diameter and 1.5 m height)	(7 tanks of 4m diameter and 1.5 m height)	7,71,000
8	Establishment of Backyard Mini RAS units	Small	53,000
9	Installation of cages in Reservoirs	1 hectare	4,57,000
10	Refrigerated vehicles	No.	25,00,000
11	Insulated Vehicles	No.	20,00,000
12	Motor cycle with Ice box	No.	85,000
13	Cycle with ice boxes	No.	15,000
14	Live fish vending centres	No.	20,00,000

15	Mini feed mills	production capacity of 2 tonne/ day	30,00,000
16	Medium feed mills	production capacity of 8 tonne/ day	1,00,00,000
17	Large feed mills	production capacity of 20 tonne/ day	2,00,00,000
18	Very large Fish feed plants	production capacity of at least 100 tonne/day	6,50,00,000
19	Construction of fish retail markets including ornamental fish/ aquarium markets	No.	1,00,00,000
20	HDPE Pond lining, 500 micron, 420 GSM	Per sq m.	105
21	Establishment of RAS system	4 cubic meter	94,18,000
22	Input support for Integrated Fish farming (Paddy cum fish cultivation, livestock cum fish, etc.)	1 Ha	1,07,000

7. FARM MECHANIZATION

S.No.	Activity	Specifications	Unit Cost approved by SLUCC for FY 2025-26 (Rs.)
1	Tractor (Without implements and Trailer)	30-50 HP	8,00,000
2	Tractor (Without implements and Trailer)	51-60 HP	11,00,000
3	Power Tiller	Self-propelled, up to 12 HP	2,00,000
4	Combine harvestor	Self-propelled, Track Type, 6-8 feet cutter bar	25,00,000
5	Combine harvestor	9 to 12 feet cutter bar, excluding tractor	8,50,000
6	Multi Crop Power Threshers	up to 4 tonne/hr	2,50,000
7	Tractor Driven Seed cum Fertilizer Drill	with spring tyne cultivator, 6 tyne	75,000
8	Tractor Driven Zero Till seed drill	9 to 15 Tynes	1,10,000
9	Happy seeder	9 to 11 Tines	2,50,000
10	Paddy Transplanter	self-propelled, 4 Rows	3,00,000
11	Paddy Transplanter	self-propelled 8-16 rows	16,00,000

12	Leveller	Laser Land Leveller	4,00,000
13	Power Weeder	PTO Operated	1,50,000
14	Baler	14-25 kg/ bale	4,00,000-11,00,000
16	Manual Sprayer	Knapsack/foot/battery operated	2,000
17	Power Sprayer	8-12 litre	8,000
18	Power Sprayer	Above 16 Litre, > 1 HP	20,000
19	Tractor operated Sprayer	Boom Type	80,000
20	Drones	Spraying, Small & Medium	10,00,000
21	Trolley	Two Wheel Hydraulic	2,50,000
22	Cultivator	7 to 11 Tynes	50,000
23	Rotavator	Tractor driven, 5 to 8 ft	1,30,000
24	Mould Board Plough	2/3 Furrows	50,000
25	Reversible Mould Board Plough	2/3 Furrows	1,00,000
26	Disc Plough	2/3 discs	60,000
27	Disc Harrow	12 to 30 Discs	75,000

8. STORAGE GODOWNS AND MARKET YARDS

S.No.	Activity	Specifications	Unit Cost approved by SLUCC for FY 2025-26 (Rs.)
1	Storage godown (RCC) 1000 MT	1 MT	4800-5000
2	Storage godown (RCC) >1000 MT	1 MT	5000-5300
3	Storage godown (Tin Shed) 1000 MT	1 MT	2500-3000
4	Storage godown (pre-fabricated) 1000 MT	1 MT	3700-4000
5	Zero Energy Cool Chamber	1.5 m *1.5 m *0.5 m (L*B*H)	4800

9. LAND DEVELOPMENT

S.No.	Activity	Specifications	Unit Cost approved by SLUCC for FY 2025-26 (Rs.)
1	Cost of Land levelling & shaping	1 ha	1,26,500
2	Vermicompost Tank	(10' length x 6' width x 2.5 ' height)	38,100

3	NADEP Compost Tank	10' x 6' x3' (L*B*H)	28,900
4	**Farm Pond**		
4.1	Model I	12 decimal model of with excavation of 3 decimal-Remaining area 9 decimal	27,900
4.2	Model II	16 decimal model with excavation of 4 decimal-Remaining area 12 decimal	42,900
4.3	Model III	24 decimal model with excavation of 6 decimal-Remaining area 18 decimal	71,400
4.4	Model IV	33 decimal model with excavation of 8 decimal -- Remaining area 25 decimal	94,500
4.5	Model V	100 decimal model with excavation of 20 decimal – Remaining area 80 decimal	2,77,200
4.6	Model VI	Farm Pond (15mX15mX3m)	68,036
4.7	Model VII	Farm Pond (20mX20mX3m)	1,30,377
4.8	Model VIII	Farm Pond (25mX25mX3m)	2,16,719
4.9	Model IX	Farm Pond (30mX30mX3m)	3,27,060
5	Barbed wire fencing	(254.44 metre of 4 lines = 1017.46 Running Meter per Ha) - perimeter of land is assumed as square. Based on actual perimeter unit cost can be proportionately increased	95,765
6	Watershed development	Per Ha	28,000
7	Agriclinic/Agri business-Individual Agripreneur	Individual	As per Project specification. But for subsidy purpose TFO will be restricted to 20.00 lakh only.
8	Agriclinic/Agribusiness-Group/Agripreneur [Maximum 5 No.)	Group of maximum 5 No.	As per Project specification. But for subsidy purpose TFO will be restricted to 100.00 lakh only.

10. FOOD AND AGRO PROCESSING

S.No.	Activity	Specifications	Unit Cost approved by SLUCC for FY 2025-26 (Rs.)
1	Mini rice mill machine (Dehusker)	3Hp, 150 kg/hr	50,000
2	Large Rice mill (Destoner, grader, dehusker and polisher)	1 tonne/hr	20,00,000
3	Dal mill (Dehusking, splitting and polishing)	5Hp, 350 Kg/hr	3,00,000
4	Tamarind processing machine (Deseeder and briquetting)	200 Kg/hr	2,70,000
5	Spice processing machine (Automatic)	100 Kg/hr	2,50,000
6	Flour mill (Pulverizer)	10Hp, 100 Kg/hr	1,00,000
7	Oil extractor (cold press oil mill)	5 tonne/day	3,00,000
8	Oil extractor (screw press oil mill)	10 tonne/day	6,00,000
9	Honey processing unit	500 Kg/hr	2,10,000
10	Fruit processing (All fruits)	250 Kg/hr	9,00,000
11	Bakery Unit	1 unit	3,85,000
12	Sugarcane processing unit (Jaggery)	15 tonne/day	3,00,000
13	Millets processing unit	100 Kg/hr	11,00,000
14	Rice processing unit (Poha mill)	250 Kg/hr	5,00,000
15	Dairy Processing unit (Milk processing)	1000 LPD	10,30,000
16	Cashew processing unit	30 Kg/hr	7,50,000

Note: Above cost pertains to only plant and machineries cost for the processing unit

11. INTEGRATED FARMING SYSTEMS (IFS)

Agro-climatic zone:	Eastern plateau and hill region	**Location of Prototype Mode**	IGKV, Raipur
NARP Zone (Zone Code)	Chhattisgarh plain (MP-I)	**Rainfall(mm)**	1292 mm
Soil Type	Alfisol (Silty clay)	**Distribution (Rainy days**	61 days
Model Area (ha)	1.0 ha	**Family Size (nos.)**	5 (2 Male +3 Female)

Details of IFS model:

a.	Crop Production	**Area (ha)**	**Cropping system**
		0.1	Rice- Potato + Radish- Green gram
		0.1	Rice-chickpea-Green gram
		0.1	Rice-Sweet corn-Green gram
		0.1	Rice - Garden pea-Green gram
		0.1	Sorghum - berseem+Mustard -maize (fodder) + cowpea
b.	Horticulture	0.05	Cowpea–Cabbage – Okra
		0.05	Cowpea-Cauliflower- Okra
		0.07	Okra-Tomato- Clusterbean
		0.06	Sweetcorn-Onion+Coriander-Green gram
		0.07	Brinjal - Sweetcorn-Green gram
C.	Livestock		
	Cow	0.007	Gir(02 cow + 03 Calves)
	Goat	0.0035	Barbari (4 Female + 1 male)
d.	Complementary		
	Fishery	0.0725	
	Poultry	0.0035	(313 no's) Broiler, Kadaknath, Asheel and Vanraj
	Duckery	On farm pond	15 ducks
	Fruits	On bund	
e.	Supplementary		
	Vermi-compost unit	0.006	5 Units
	Biogas compost	0.009	
	Mushroom	0.0035	
	Total (including household and other areas)	1.00	

Components can be added need based within the overall cost per ha and individual component unit cost may be calculated from other unit costs.

Gross return, net return, value of farm labour (%) and recycling (%) (Mean of 5 years)

Gross return (Rs.)	Net return (Rs.)	**Value of farm labour (%)**	**Value of recycling (%)**
2,49,542	**1,32,481**	**41**	**52**

Economics of the IFS: **(Amount in Rs.)**

Year	1	2	3	4	5
Capital Cost (A)	3,27,000				
Recurring Cost (B)	66,508	76,700	1,31,958	1,93,076	2,57,958
Total Cost (C)	3,93,508	76,700	1,31,958	1,93,076	2,57,958
Gross Benefit (GR)	1,56,581	2,20,826	3,09,055	3,11,705	5,36,647
Net Benefit (NR)	-2,36,927	1,44,126	1,77,097	1,18,629	2,78,689

Qualifying parameters for bankable projects:

Parameter	IFS	Remarks
B:C ratio	1.35	
IRR	58 %	Should be >15 % for term loan
NPW	Rs.2,76,553	
Pay back period	5	

Annexures

component wise break-up of unit cost of select activities

Annexure I: Water Resources and Minor irrigation

Table A-G Indicative Unit Cost of components of various models proposed

A	Dug Well	3 m dia x 10 m depth	
S.No	Items	Cost in Rs.	% Share
1	Brick	21012	14
2	Cement	35112	24
3	Sand	9753	06
4	Others	23408	16
5	Labour Semiskilled	39426	27
6	Labour Unskilled	19019	13
	Total	**1,47,730**	100

A2 - Cement Rates		
S.No	Rates	Cement bag of 50 Kg in Rs.
1	Ultra tech	375
2	Acc	390
3	Ambuja	350
4	Dalmia	410
5	Birla	355
6	JK	340
7	JSW	380
8	Bharathi	385
	Avg	373

A3 - material rates in Rs.					
S.No	Material	Min price in Rs.	Max price in Rs.	Avg	Increase %
1	Cement 50 kg bag in Rs	355	410	375	assuming 5% increase in prices
2	Electric Cable/meter in Rs	80	140	110	
3	Perforated PVC Pipe in Rs /meter	275	375	325	
4	Class II Brick/piece in Rs	5	8	7	16% increase in price from fy 2023-24
5	River Sand/ cubic foot in Rs	40	70	55	no increment observed

A5, A6 - wages rates in Rs.				
S.No	**Type of Wage**	**Wage Rate in Rs. 2024 (01.04.2024)**	**Wage Rate in Rs. 2025 (01.04.2025)**	**% Change In wages**
1	Skilled	463	485	4.8
2	Semi Skilled	433	455	5.1
3	Unskilled	409	430	5.1
As per CG min wages act 1948 notification				

B	**Tube Well**	**150mm dia x 100m depth , pump set 3 HP**	
S.No	**Items**	**Cost in Rs.**	**% Share**
1	Pump	34500	28
2	Perforated Pipe	32000	26
3	Electric Cable	11000	09
4	Others (5% lumsum of pY total)	13094	11
5	Labour Skilled	31000	26
	Total	**1,21,594**	100

C	**Pumpsets**	
S.No	**Items**	**Cost in Rs.**
1	Electric Pump	Unit Cost as per market rates
2	Diesel Pump	
3	Submersible Pump	

D	**Solar Pump Setup**	**3 HP and 5 HP**	Rates as per CREDA for year 2023 with 5% cost escalation over 2024 unit cost recommended rates
	Items	**Cost in Rs.**	
1	PV 3 HP AC Surface	316356	
2	PV 3 HP DC Submersible	339045	
3	PV 5 HP AC surface	429155	
4	PV 5 HP DC submersible	471292	

D1	**Item wise cost breakup for S.No 1**	**Cost in Rs.**	**% Share**
1	Solar PV Panel 3 kW	140000	44
2	Pump Controller	30000	09
3	3HP Surface Pump (with AC/DC motor)	50000	16
4	Mounting Structure	25000	08
5	Cable / Wiring	15000	05
6	RCC Foundation	21000	07
7	Installation & Labour	20000	06
8	Warranty & Service	0	0
9	Miscellaneous	15356	05
	Total	**316356**	**100**

E	Drip Irrigation		Rates as per PMKSY 2021 with 10% cost escalation recommended
	Items	**Cost in Rs.**	
1	2mx2m spacing in 1 Ha	105102	
2	10mx10m spacing in 1 Ha	33120	

E1	Item wise cost breakup of S.No 1	Cost in Rs.	% Share
1	Mainline & Submain	32000	30
2	Laterals (Driplines)	20000	19
3	Filters	13000	12
4	Fertigation unit	5000	05
5	Valves and fittings	12000	11
6	Accessories & Stakes	5000	05
7	Labour charges	12000	12
8	Miss	6102	06
	Total	**105102**	100

F	Sprinkler Irrigation		Rates as per PMKSY 2021 with 10% cost escalation recommended
	Items	**Cost in Rs.**	
1	75mm dia portable sprinkler in 1 Ha	30605	
2	3mx3m spacing in 1 Ha , micro sprinkler	93938	
3	8mx8m spacing in 1 Ha , mini sprinkler	131399	
4	75mm dia large volume sprinkler in 1 Ha	48231	

G	Water Harvesting/ Recharge structure	rooftop rainwater harvesting structure - 1000sq feet
	Items	**Cost in Rs.**
1	Gutters & Downpipes (pvc)	4000
2	Flush Diverter	1500
3	Filteration Unit	2000
4	Excavation	4000
5	Labour	5000
6	Misc	2500
7	Plastic Storage Tank 5000L	10000
8	RCC Tank-5000 Lt	27000
9	Cost (Plastic Tank)	29000
10	Cost (RCC Tank)	46000
11	contingency 10% in plastic	2900
12	contingency 10% in plastic	4600
13	Total Cost Plastic Tank	31900
14	Total Cost RCC Tank	50600

G8 - RCC Tank 5000 L price breakup in Rs.	
Excavation	5000
RCC Work	18000
Finishing/Water proofing	4000
Total	**27000**

G1	Water Harvesting/ Recharge structure	rooftop rainwater harvesting structure - 2000sq feet
	Items	**Cost in Rs.**
1	Gutters & Downpipes (pvc)	6000
2	Flush Diverter	2000
3	Filteration Unit	2000
4	Excavation	5000
5	Labour	6000
6	Misc	3000
7	Plastic Storage Tank 5000L*2	18000
8	RCC Tank-10000 Lt	39000
9	Cost (Plastic Tank)	42000
10	Cost (RCC Tank)	63000
11	contingency 10% in plastic	4200
12	contingency 10% in plastic	6300
13	Total Cost Plastic Tank	46200
14	Total Cost RCC Tank	69300

G1-8 RCC tank 10000L price breakup (Rs.)	
Excavation	6000
RCC Work	28000
Finishing/Waterproffing	5000
Total	39000

Annexure II: Animal Husbandry

A. Unit cost for Graded Murrah Buffalo (1+1 animal)

S. No	Particular		Unit	Rate/ Cost (Rs.)	Total Cost (Rs.)
	A. Capital Cost				
1	Cost of 2 animals		2	@ 120000/- each animal	240000
2	Equipment cost		2	2500 per animal	5000
Insurance for 3 year (@ 11% animal cost) with RFID belt					32,654
	Sub Total				**2,77,654**
	B. Working Capital				
1	Feed cost (Concentrate)	I. Feeding during lactation period	@12 kg	@Rs 38/kg	27360
		II. Feeding during dry period	@4 kg	@Rs 38/kg	9120
2	Fodder cost	I.Dry fodder	@8 kg	@Rs 7/kg	3360
		II.Green fodder	@30 kg	@Rs 7/kg	12600
3		Medicine & mineral supplement	2	2500	2,500.00
					54,940
Grand Total					**3,32,594**
Total unit Cost for Two milch Buffalo - **Rs 3,32,594/-**					

B. Unit cost for Graded Murrah Buffalo (2+1 animal)

Particulars	Unit	Rate (Rs.)	Total Cost (Rs.)
A. Capital Cost			
i.Cost of 2 animals with transportation	3	1,20,000	3,60,000
ii. Equipment cost	3	2,500	7,500
iii. Insurance for 3 year (@ 11% animal cost) with RFID belt			54,300
Sub Total			**4,21,800**

B. Working Capital				
	Total Cost for two months			
i. Feeding during lactation period	18	38	684	41,040
ii. Feeding during dry period	6	38	228	13,680
iii.Dry fodder	12	7	84	5,040
iv.Green fodder	15	7	105	6,300
v.Medicine & mineral supplement	3	2500	7500	2,500
Total				**68,560**
Grand Total Total				**4,90,360**

C. Unit cost for pure Murrah Buffalo (1+1 animal)

S. N	Particular		Requirement per day	Rate/Cost (Rs.)	Total Cost (Rs.)
	A. Capital Cost				
1	Cost of 2 animals with transportation		2	@ 150,000/- each animal	300000
2	Equipment cost		2	2500 per animal	5000
3	Insurance (@ 11% animal cost)				39,254
	Sub Total				**3,44,254**
	B. Working Capital				
1	Feed cost (Concentrate)	i. Feeding during lactation period	@12 kg	@Rs 38/kg	27360
		ii. Feeding during dry period	@4 kg	@Rs 38/kg	9120
2	Fodder cost	i.Dry fodder	@8 kg	@Rs 7/kg	3360
		ii.Green fodder	@30 kg	@Rs 7/kg	12600
3		Medicine & mineral supplement	2	2500	2,500
					54,940
Grand Total					**3,99,194**
Total unit Cost for two milch Buffalo – **Rs. 3,99,194/-**					

D.Unit cost for Improved Indigenous /Crossbred (CBC) for yielding 8 lt milk/day (1+1 animal)

Sl No	Particular		Unit	Rate/Cost (Rs.)	Total Cost (Rs.)
A. Capital Cost					
1	Cost of 2 animals with transportation		2	@ 80,000/- each animal	1,60,000
2	Equipment cost		2	2500 per animal	5,000
Insurance for 3 year (@ 11% animal cost) with RFID belt					23,854
Sub Total					**188854**
B. Working Capital					**Total cost for two months**
1	Feed cost (Concentrate)	I. Feeding during lactation period	@10kg	@Rs 38/kg	22,800
		II. Feeding during dry period	@4 kg	@Rs 38/kg	9,120
2	Fodder cost	I.Dry fodder	@8 kg	@Rs 7/kg	3,360
		II.Green fodder	@30kg	@Rs 7/kg	12,600
3		Medicine & mineral supplement	2	2500	5,000
					52,880
Grand Total (A+B)					**2,41,734**
Total unit Cost for two milch Cow **- Rs. 2,41,734/-**					

E. Unit cost for Improved Indigenous/Crossbred (CBC) for yielding 8 lit milk /day (2+1 animals)

Sl No	Particular	Unit	Rate/Cost (Rs).	Total Cost (Rs.)
A. Capital Cost				
1	Cost of 2 animals with transportation	3	@ 80,000/- each animal	2,40,000
2	Equipment cost	3	2500 per animal	7,500
Insurance for 3 year (@ 11% animal cost) with RFID belt				41,100
Sub Total				**2,88,600**

B. Working Capital				Total Cost for two months
I. Feeding during lactation period	15	38	570	34,200
II. Feeding during dry period	6	38	228	13,680
I.Dry fodder	12	7	84	5,040
II.Green fodder	45	7	315	18,900
Medicine & mineral supplement	3	2500	7500	5,000
Sub Total				**76,820**
Grand Total (A+ B)				**3,65,420**
Total unit Cost for two milch Cow **- Rs. 3,65,420/-**				

F. Unit cost for Improved Indigenous /Crossbred (CBC) for yielding 10 lit milk /day (1+1 animal)

S No	Particular		Requirement per day	Rate/Cost (Rs.)	Annual Cost (Rs.)
	A. Capital Cost				
1	Cost of 2 animals			100,000/- each animal	2,00,000
2	Equipment cost			2500 per animal	5,000
Insurance for 3 year (@ 11% animal cost) with RFID belt					28,254
	Sub Total				**2,33,254/-**
	B. Working Capital			**Total cost for two months**	
1	Feed cost (Concentrate)	i. Feeding during lactation period	@12 kg	@Rs 38/kg	27,360
		ii. Feeding during dry period	@4 kg	@Rs 38/kg	9,120
2	Fodder cost	i.Dry fodder	@8 kg	@Rs 7/kg	3,360
		ii.Green fodder	@30 kg	@Rs 5/kg	12,600
3		Medicine & mineral supplement	2	2500	2,500
					54,940/-
Grand Total (A+B)					**2,88,194/-**
Total unit Cost for two milch Cow **is Rs 2,88,194/-**					

G. Poultry: 5000 broilers farming

Sl. No	Particulars	Total Cost (Rs.)
	A. Capital expenditure	
1	Cost of shed@ 1 sqft/bird @ Rs. 400/sq. ft.	20,00,000
2	Cost of equipment@ Rs.50/bird	2,50,000
3	Electricity & water supply	2,00,000
	Total Capital expenditure	**24,50,000**
	B. Recurring expenditure (for one time only)	
1	Cost of Day Old Chicks @ Rs. 35/	1,75,000
2	Feed @ 3.5 Kg/bird @Rs. 35/kg per batch	7,00,000
3	Labour charges @ Rs.5000pm, 3 labourers	15,000
4	Electricity and water	15,000
5	Miscellaneous - Medicine / Vaccine / Insurance / Other Misc. @ Rs. 5 per bird per batch	25,000
	Total Recurring expenditure	**9,30,000**
	Grand Total (A+B)	**33,80,000**
	Unit Cost of 5000 broilers farming **Rs. 33,80,000/-**	

H. Unit Cost of 1000 broilers farming

Sl. No	Particulars	Total Cost (Rs.)
	A. Capital expenditure	
1	Cost of shed@ 1 sqft/bird @ Rs. 400/sq. ft.	4,00,000
2	Cost of equipment@ Rs.50/bird	50,000
3	Electricity & water supply	2,00,000
	Total Capital expenditure	**6,50,000**
	B. Recurring expenditure (for one time only)	
1	Cost of Day Old Chicks @ Rs. 35/	35,000
2	Feed @ 3.5 Kg/bird @Rs. 35/kg per batch	1,40,000
3	Labour charges @ Rs.5000pm, 3 labourers	3,000
4	Electricity and water	3,000
5	Miscellaneous - Medicine / Vaccine	5,000
	Total Recurring expenditure	**1,86,000**
	Total Financial Outlay	**8,36,000**
	Unit Cost of 1000 broilers farming **Rs. 8,36,000/-**	

I. Unit cost for 1000 poultry layer birds

S. No	Particulars	Total Cost (Rs.)
A	**Capital Cost**	
1	Poultry shed 1000 sqft @Rs. 400/sqft	4,00,000
2	Cage system (@Rsl50/per bird)	1,50,000
3	Electricity and water supply	2,00,000
	Sub Total	**7,50,000/-**
B	**Initial Recurring cost**	
1	Cost of birds @Rs. 280/ bird (15 weeks old)	2,80,000
2	Insurance cost @Rs. 5/bird cost	5,000
3	Feed Cost (For initial 3 months)	3,500
4	Labour Cost (For initial 3 months)	9,000
5	Miscellaneous - Medicine / Vaccine	5,500
	Sub Total	3,03,000
	Grand Total (A+B)	**10,53,000/-**
	Unit cost for 1000 poultry layer birds is **Rs. 10,53,000/-**	

J. Unit cost for 5000 poultry layer birds

S. No	Particulars	Total Cost (Rs.)
A	**Capital Cost**	
1	Poultry shed 5000 sqft @Rs. 400/sqft	20,00,000
2	Cage system (@Rsl50/per bird)	7,50,000
3	Electricity and water supply	2,00,000
	Sub Total	**29,50,000/-**
B	**Initial Recurring cost**	
1	Cost of birds @Rs. 280/ bird (15 weeks old)	14,00,000
2	Insurance cost @Rs. 5/bird cost	25,000
3	Feed Cost (For initial 3 months)	24,000
4	Labour Cost (For initial 3 months)	45,000
5	Miscellaneous - Medicine / Vaccine	1,00,000
	Sub Total	**15,94,000/-**
	Grand Total (A+B)	**45,44,000/-**
	Unit cost for 1000 poultry layer bird is **Rs.45,44,000/-**	

K. Unit cost for Sheep/Goat rearing (20+2 unit)

SN	Particular	Unit	Rate/Cost (Rs.)	Total cost (Rs.)
A	**Capital Cost**			
	Construction of shed	700	400	280000
	Cost of 20 Doe with transportation	20	10000	200000
	Cost of 2 Breedable Buck with transportation	2	15000	30000
	Equipment cost	22	500	11000
	Insurance for 3 year (@11% animal cost)			25300
	Sub Total			**5,46,300**
B	**Recurring**			**Cost/Year**
1	Feed (Concentrate)	11	@Rs 35/kg	140525
2	Fodder	22	@Rs 10/Kg	80300
3	Electricity/ water	22	@Rs 10/Kg	80300
4	Medicine/Vet.Aid	22	@Rs 10/Kg	80300
	Sub Total			**3,81,425**
C	**KIDS**			**Cost/ 6 months**
	Feed (Concentrate)	8	@Rs 35/kg	50400
	Fodder	80	@Rs 10/Kg	144000
	Medicine/Vet.Aid	40	@Rs 25/Kg	1000
	Electricity/ water	40	@Rs 25/Kg	1000
	Cost of Labour	1	400	72000
	Sub Total			**2,68,400**
	Grand Total (A+B+C)			**11,96,125**
Total Annual Cost for Rearing one Goat/Sheep =**Rs. 11,96,125/-**				

L. Unit cost for Pig rearing (5+1 unit)

S. N.	Particular	Requirement	Rate/Cost (Rs.)	Total Cost (Rs.)
1	Construction of House	1000	400	4,00,000
2	Cost of 5 sow with transportation	5	8000	40,000
3	Cost of 1 breedable boar	1	10000	10,000
4	Equipment cost	5	600	3,000
5	Insurance for 3 year (@11% animal cost)			5,500
A	**Sub Total**			**4,58,500/-**

	Mother Unit			Cost/Year
1	Feed (Concentrate)	21	35	2,68,275
2	Fodder	18	10	65,700
3	Medicine/Veterinary aid	6	10	21,900
	Electricity/Water	6	10	21,900
B	**Sub Total**			**3,77,775/-**
	Piglets			**Cost/6months**
1	Feed (Concentrate)	22.5	35	1,41,750
2	Fodder	45	5	40,500
3	Medicine/Veterinary aid	45		10,000
4	Electricity/Water	45		10,000
C	**Sub Total**			**2,02,250/-**
	Grand Total (A+B+C)			**10,38,525/-**
Unit Cost for Rearing 5+1 Pig unit =**Rs.10,38,525/-**				

M. Unit cost for Pig rearing (20+4 unit)

S. N.	Particular	Requirement	Rate/Cost (Rs.)	Total Cost (Rs.)
1	Construction of House	5000	400	20,00,000
2	Cost of 5 sow with transportation	20	8000	1,60,000
3	Cost of 1 breedable boar	4	10000	40,000
4	Equipment cost	24	500	12,000
5	Insurance for 3 year (@11% animal cost)			22,000
A	**Sub Total**			**22,34,000/-**
	Mother Unit			**Cost/Year**
1	Feed (Concentrate)	84	35	10,73,100
2	Fodder	720	5	13,14,000
3	Medicine/Veterinary aid	24	10	87,600
4	Electricity/Water	24	10	87,600
B	**Sub Total**			**25,62,300/-**
	Piglets			**Cost/6months**
1	Feed (Concentrate)	180	17.5	5,67,000
2	Fodder	180	5	1,62,000
3	Medicine/Veterinary aid	180		2,000
4	Electricity/Water	180		2,000
5	Cost of labour			72,000
C	**Sub Total**			**8,05,000/-**
	Grand Total			**56,01,300/-**
Unit Cost for Rearing (20+4) Pig unit =**Rs.56,01,300/-**				

Annexure III. Plantation and Horticulture

A. Mango Unit Cost for 1 Ha (For 5 years)
Varieties: Any improved variety

Spacing: 10m x 10m
Density: 100 plants/ha

Subject/operations	Year-01- Establishment				Year-02		Year-03		Year-04		Year-05	
	Unit	Qty	Rate	Value	Qty	Value	Qty	Value	Qty	Value	Qty	Value
A. Material												
1.Mango Grafts	No	100	100	10000	10	1000	0	0	0	0	0	0
2.Fertilizers and manures												
N(Urea)	kg	20	6	120	40	240	60	360	80	480	100	600
P(DAP)	kg	20	27	540	40	1080	60	1620	80	2160	100	2700
K(MOP)	kg	30	33	990	60	1980	90	2970	120	3960	150	4950
FYM/Vermi Compost	kg	1000	10	10000	2000	20000	3000	30000	4000	40000	5000	50000
Micro Nutrients	lts	1	500	500	2	1000	3	1500	4	2000	5	2500
Neem cake	kg	50	40	2000	0	0	0	0	0	0	0	0
3.Agrochemicals	litre	2	1000	2000	2.5	2500	3.0	3000	3.5	3500	4.0	4000
4.Intercropping	Lumpsome			6000		6000		6000		6000		6000
5.Drip laterals	Lumpsome			35000	0	0	0	0	0	0	0	0
B.Labour												
6.Land preparation	Man-day	20	430	8600	0	0	0	0	0	0	0	0
7.Digging of pits(14 pits/MD)	Man-day	7	430	3010	1	430	0	0	0	0	0	0
8.Filling of Pits and Planting(20pits/MD)	Man-day	5	430	2150	1	430	0	0	0	0	0	0
9.Basins formation (20units/MD)	Man-day	5	430	2150	0	0	0	0	0	0	0	0
10. Weeding(once in every 3 months)	Man-day	16	430	6880	16	6880	16	6880	16	6880	16	6880
11.Fertilizers application and spraying of Plant Protection Chemicals	Man-day	10	430	4300	12	5160	14	6020	16	6880	18	7740
12.Irrigation (Once in every 15 days)	Man-day	20	430	8600	25	10750	30	12900	35	15050	40	17200
Total Cost /ha				**102840**		**57450**		**71250**		**86910**		**102570**
Cost per plant				**1028**		**575**		**713**		**869**		**1026**
Cost for first 5 yrs capitalised	**Rs.4,21,020/-**											

*Value and Rate in (Rs.)

B. Mango Unit Cost for 1 Ha (For 5 years) **Spacing: 7m x 7m**
Varieties: Any improved variety **Density: 200 plants/ha**

Subject/operations	Year-01- Establishment				Year-02		Year-03		Year-04		Year-05	
	Unit	Qty	Rate	Value	Qty	Value	Qty	Value	Qty	Value	Qty	Value
A. Material												
1.Mango Grafts	No	200	100	20000	20	2000	0	0	0	0	0	0
2.Fertilizers and manures												
N(Urea)	kg	40	6	240	80	480	120	720	80	480	100	600
P(DAP)	kg	40	27	1080	80	2160	120	3240	80	2160	100	2700
K(MOP)	kg	60	33	1980	120	3960	180	5940	120	3960	150	4950
FYM/Vermi Compost	kg	2000	10	20000	4000	40000	6000	60000	8000	80000	10000	100000
Micro Nutrients	lts	2	500	1000	3	1500	4	2000	5	2500	6	3000
Neem cake	kg	100	40	4000	0	0	0	0	0	0	0	0
3.Agrochemicals	litre	4	1000	4000	5.0	5000	6.0	6000	7.0	7000	8.0	8000
4.Intercropping	Lumpsome			6000		6000		6000		6000		6000
5.Drip laterals	Lumpsome			35000	0	0	0	0	0	0	0	0
B.Labour												
6.Land preparation	Man-day	20	430	8600	0	0	0	0	0	0	0	0
7.Digging of pits(14 pits/MD)	Man-day	14	430	6020	1	430	0	0	0	0	0	0
8.Filling of Pits and Planting(20pits/MD)	Man-day	10	430	4300	1	430	0	0	0	0	0	0
9.Basins formation (20units/MD)	Man-day	10	430	4300	0	0	0	0	0	0	0	0
10. Weeding(once in every 3 months)	Man-day	16	430	6880	16	6880	16	6880	16	6880	16	6880
11.Fertilizers application and spraying of Plant Protection Chemicals	Man-day	10	430	4300	12	5160	14	6020	16	6880	18	7740
12.Irrigation (Once in every 15 days)	Man-day	20	430	8600	25	10750	30	12900	35	15050	40	17200
Total Cost /ha				**136300**		**84750**		**109700**		**130910**		**157070**
Cost per plant				**1363**		**848**		**1097**		**1309**		**1571**
Cost for first 5 yrs capitalised	**Rs.6,18,730/-**											

*Value and Rate in (Rs.)

C. Guava Unit Cost for 1 Ha (For 4 years)
Varieties: Any improved variety

Spacing: 6m x 6m
Density: 275 plants/ha

Subject/operations	Year-01- Establishment				Year-02		Year-03		Year-04		Year-05	
	Unit	Qty	Rate	Value	Qty	Value	Qty	Value	Qty	Value	Qty	Value
A. Material												
1. Guava Grafts	No	275	55	15125	28	1540	0	0	0	0	0	0
2.Fertilizers and manures												
N(Urea)	kg	55	6	330	110	660	165	990	220	1320	275	1650
P(DAP)	kg	55	27	1485	110	2970	165	4455	220	5940	275	7425
K(MOP)	kg	83	33	2723	165	5445	248	8168	330	10890	413	13613
FYM/Vermi Compost	kg	1375	10	13750	2750	27500	4125	41250	5500	55000	6875	68750
Micro Nutrients	lts	2	500	1000	3	1500	4	2000	5	2500	6	3000
3.Agrochemicals	litre	2	1000	2000	2.5	2500	3.0	3000	3.5	3500	4.0	4000
4.Intercropping	Lumpsome			6000		6000		6000		6000		6000
B.Labour												
6.Land preparation	Man-day	20	430	8600	0	0	0	0	0	0	0	0
7.Digging of pits(14 pits/MD)	Man-day	20	430	8600	1	430	0	0	0	0	0	0
8.Filling of Pits and Planting(30pits/MD)	Man-day	10	430	4300	1	430	0	0	0	0	0	0
10. Weeding(once in every 3 months)	Man-day	10	430	4300	10	4300	10	4300	10	4300	10	4300
11.Fertilizers application and spraying of Plant Protection Chemicals	Man-day	6	430	2580	8	3440	10	4300	12	5160	14	6020
12.Irrigation (Once in every 15 days)	Man-day	20	430	8600	25	10750	30	12900	35	15050	40	17200
Total Cost /ha				**79393**		**67465**		**87363**		**109660**		**131958**
Cost per plant				**289**		**245**		**318**		**399**		**480**
Cost for first 4 yrs capitalised	**Rs.3,43,880/-**											

*Value and Rate in (Rs.)

D. Litchi Unit Cost for 1 Ha (For 4 years)
Varieties: Any improved variety

Spacing: 7m x 7m
Density: 200 plants/ha

Subject/operations	Year-01- Establishment				Year-02		Year-03		Year-04		Year-05	
	Unit	Qty	Rate	Value	Qty	Value	Qty	Value	Qty	Value	Qty	Value
A. Material												
1. Planting material	No	200	55	11000	20	1100	0	0	0	0	0	0
2.Fertilizers and manures												
N(Urea)	kg	40	6	240	80	480	120	720	160	960	200	1200
P(DAP)	kg	40	27	1080	80	2160	120	3240	160	4320	200	5400
K(MOP)	kg	60	33	1980	120	3960	180	5940	240	7920	300	9900
FYM/Vermi Compost	kg	1000	10	10000	2000	20000	3000	30000	4000	40000	5000	50000
Micro Nutrients	lts	3	500	1500	4	2000	5	2500	6	3000	8	4000
3.Agrochemicals	litre	3	1000	3000	3.5	3500	4.0	4000	5.0	5000	6.0	6000
4.Intercropping	Lumpsome			6000		6000		6000		6000		6000
B.Labour												
5.Land preparation	Man-day	20	430	8600	0	0	0	0	0	0	0	0
6.Digging of pits(14 pits/MD)	Man-day	14	430	6020	1	430	0	0	0	0	0	0
7.Filling of Pits and Planting(30pits/MD)	Man-day	10	430	4300	1	430	0	0	0	0	0	0
8. Weeding(once in every 3 months)	Man-day	10	430	4300	10	4300	10	4300	10	4300	10	4300
9.Fertilizers application and spraying of Plant Protection Chemicals	Man-day	6	430	2580	8	3440	10	4300	12	5160	14	6020
10.Irrigation (Once in every 15 days)	Man-day	15	430	6450	20	8600	25	10750	30	12900	30	12900
Total Cost /ha				**67050**		**56400**		**71750**		**89560**		**105720**
Cost per plant				**335**		**282**		**359**		**448**		**529**
Cost for first 4 yrs capitalised	**Rs.2,84,760/-**											

*Value and Rate in (Rs.)

E. Citrus Unit Cost for 1 Ha (For 4 years)
Varieties: Any improved variety

Spacing: 5m x 5m
Density: 400 plants/ha

Subject/operations	Year-01- Establishment				Year-02		Year-03		Year-04		Year-05	
	Unit	Qty	Rate	Value	Qty	Value	Qty	Value	Qty	Value	Qty	Value
A. Material												
1. Planting material	No	400	55	22000	40	2200	0	0	0	0	0	0
2.Fertilizers and manures												
N(Urea)	kg	80	6	480	120	720	160	960	200	1200	240	1440
P(DAP)	kg	40	27	1080	50	1350	60	1620	70	1890	80	2160
K(MOP)	kg	40	33	1320	56	1848	72	2376	88	2904	104	3432
FYM/Vermi Compost	kg	800	10	8000	1600	16000	2400	24000	3200	32000	4000	40000
Micro Nutrients	lts	3	500	1500	4	2000	5	2500	6	3000	8	4000
3.Agrochemicals	litre	3	1000	3000	3.5	3500	4.0	4000	5.0	5000	6.0	6000
4.Intercropping	Lumpsome			6000		6000		6000		6000		6000
B.Labour												
5.Land preparation	Man-day	20	430	8600	0	0	0	0	0	0	0	0
6.Digging of pits(40 pits/MD)	Man-day	10	430	4300	1	430	0	0	0	0	0	0
7.Filling of Pits and Planting(40pits/MD)	Man-day	10	430	4300	1	430	0	0	0	0	0	0
8. Weeding	Man-day	10	430	4300	10	4300	10	4300	10	4300	10	4300
9.Fertilizers application and spraying of Plant Protection Chemicals	Man-day	6	430	2580	8	3440	10	4300	12	5160	14	6020
10.Irrigation (Once in every 15 days)	Man-day	15	430	6450	20	8600	25	10750	30	12900	30	12900
Total Cost /ha				**73910**		**50818**		**60806**		**74354**		**86252**
Cost per plant				**185**		**127**		**152**		**186**		**216**
Cost for first 4 yrs capitalised	**Rs.2,59,888/-**											

*Value and Rate in (Rs.)

F. Kagzi Lime Unit Cost for 1 Ha (For 4 years)
Varieties: Any improved variety

Spacing: 7m x 7m
Density: 200 plants/ha

Subject/operations	Year-01- Establishment				Year-02		Year-03		Year-04		Year-05	
	Unit	Qty	Rate	Value	Qty	Value	Qty	Value	Qty	Value	Qty	Value
A. Material												
1. Planting material	No	200	55	11000	20	1100	0	0	0	0	0	0
2.Fertilizers and manures												
N(Urea)	kg	40	6	240	60	360	80	480	100	600	120	720
P(DAP)	kg	20	27	540	25	675	30	810	35	945	40	1080
K(MOP)	kg	20	33	660	28	924	36	1188	44	1452	52	1716
FYM/Vermi Compost	kg	400	10	4000	800	8000	1200	12000	1600	16000	2000	20000
Micro Nutrients	lts	3	500	1500	4	2000	5	2500	6	3000	8	4000
3.Agrochemicals	litre	3	1000	3000	3.5	3500	4.0	4000	5.0	5000	6.0	6000
4.Intercropping	Lumpsome			6000		6000		6000		6000		6000
B.Labour												
5.Land preparation	Man-day	20	430	8600	0	0	0	0	0	0	0	0
6.Digging of pits(40 pits/MD)	Man-day	5	430	2150	1	430	0	0	0	0	0	0
7.Filling of Pits and Planting(40pits/MI	Man-day	5	430	2150	1	430	0	0	0	0	0	0
8. Weeding	Man-day	10	430	4300	10	4300	10	4300	10	4300	10	4300
9.Fertilizers application and spraying of Plant Protection Chemicals	Man-day	6	430	2580	8	3440	10	4300	12	5160	14	6020
10.Irrigation (Once in every 15 days)	Man-day	15	430	6450	20	8600	25	10750	30	12900	30	12900
Total Cost /ha				**53170**		**39759**		**46328**		**55357**		**62736**
Cost per plant				**266**		**199**		**232**		**277**		**314**
Cost for first 4 yrs capitalised	**Rs.1,94,614/-**											

*Value and Rate in (Rs.)

G. Jackfruit Unit Cost for 1 Ha (For 5 years) Spacing: 10m x 10m
Varieties: Any improved variety

Subject/operations	Year-01- Establishment				Year-02		Year-03		Year-04		Year-05	
	Unit	Qty	Rate	Value	Qty	Value	Qty	Value	Qty	Value	Qty	Value
A. Material												
1. Planting material	No	100	100	10000	10	1000	0	0	0	0	0	0
2.Fertilizers and manures												
N(Urea)	kg	15	6	90	30	180	45	270	60	360	75	450
P(DAP)	kg	8	27	216	16	432	24	648	32	864	40	1080
K(MOP)	kg	10	33	330	20	660	30	990	40	1320	50	1650
FYM/Vermi Compost	kg	1000	10	10000	2000	20000	3000	30000	4000	40000	5000	50000
Micro Nutrients	lts	1	500	500	2	1000	3	1500	4	2000	5	2500
Neem cake	kg	50	40	2000	0	0	0	0	0	0	0	0
3.Agrochemicals	litre	2	1000	2000	2.5	2500	3.0	3000	3.5	3500	4.0	4000
4.Intercropping	Lumpsome			6000		6000		6000		6000		6000
B.Labour												
5.Land preparation	Man-day	20	430	8600	0	0	0	0	0	0	0	0
6.Digging of pits(14 pits/MD)	Man-day	7	430	3010	1	430	0	0	0	0	0	0
7.Filling of Pits and Planting(20pits/MD)	Man-day	5	430	2150	1	430	0	0	0	0	0	0
8.Basins formation (20units/MD)	Man-day	5	430	2150	0	0	0	0	0	0	0	0
9. Weeding(once in every 3 months)	Man-day	16	430	6880	16	6880	16	6880	16	6880	16	6880
10.Fertilizers application and spraying of Plant Protection Chemicals	Man-day	10	430	4300	12	5160	14	6020	16	6880	18	7740
11.Irrigation (Once in every 15 days)	Man-day	20	430	8600	25	10750	30	12900	35	15050	40	17200
Total Cost /ha				**66826**		**55422**		**68208**		**82854**		**97500**
Cost per plant				**668**		**554**		**682**		**829**		**975**
Cost for first 5 yrs capitalised	**Rs.3,70,810/-**											

*Value and Rate in (Rs.)

H. Apple Unit Cost for 1 Ha (For 3 years) **Spacing: 10m x 10m**
Varieties: Any improved variety **Density: 100 Plants/ha**

Subject/operations	Year-01- Establishment				Year-02		Year-03		Year-04		Year-05	
	Unit	Qty	Rate	Value	Qty	Value	Qty	Value	Qty	Value	Qty	Value
A. Material												
1. Planting material	No	200	80	16000	20	1600	0	0	0	0	0	0
2.Fertilizers and manures												
N(Urea)	kg	30	6	180	60	360	90	540	120	720	150	900
P(DAP)	kg	15	27	405	30	810	45	1215	60	1620	75	2025
K(MOP)	kg	30	33	990	60	1980	90	2970	120	3960	150	4950
FYM/Vermi Compost	kg	1000	10	10000	2000	20000	3000	30000	4000	40000	5000	50000
Micro Nutrients	lts	1.50	500	750	2	1000	3	1500	4	2000	5	2500
3.Agrochemicals	litre	3	1000	3000	3.5	3500	4.0	4000	5.0	5000	6.0	6000
Fencing			11000	108970								
4.Intercropping	Lumpsome			6000		6000		6000		6000		6000
B.Labour												
5.Land preparation	Man-day	20	430	8600	0	0	0	0	0	0	0	0
6.Digging of pits(14 pits/MD)	Man-day	14	430	6020	1	430	0	0	0	0	0	0
7.Filling of Pits and Planting(20pits/MD)	Man-day	10	430	4300	1	430	0	0	0	0	0	0
8. Weeding	Man-day	15	430	6450	15	6450	15	6450	15	6450	15	6450
9.Fertilizers application and spraying of Plant Protection Chemicals	Man-day	10	430	4300	8	3440	10	4300	12	5160	14	6020
10.Irrigation	Man-day	20	430	8600	25	10750	30	12900	35	15050	40	17200
Total Cost /ha				**184565**		**56750**		**69875**		**85960**		**102045**
Cost per plant				**923**		**284**		**349**		**430**		**510**
Cost for first 3 yrs capitalised	**Rs.3,11,190/-**											

*Value and Rate in (Rs.)

I.Peach Unit Cost for 1 Ha (For 3 years) **Spacing: 10m x 10m**
Varieties: Any improved variety **Density: 100 Plants/ha**

Subject/operations	Year-01- Establishment				Year-02		Year-03		Year-04		Year-05	
	Unit	Qty	Rate	Value	Qty	Value	Qty	Value	Qty	Value	Qty	Value
A. Material												
1. Planting material	No	200	100	20000	20	2000	0	0	0	0	0	0
2.Fertilizers and manures												
N(Urea)	kg	30	6	180	60	360	90	540	120	720	150	900
P(DAP)	kg	15	27	405	30	810	45	1215	60	1620	75	2025
K(MOP)	kg	30	33	990	60	1980	90	2970	120	3960	150	4950
FYM/Vermi Compost	kg	1000	10	10000	2000	20000	3000	30000	4000	40000	5000	50000
Micro Nutrients	lts	1.50	500	750	2	1000	3	1500	4	2000	5	2500
3.Agrochemicals	litre	3	1000	3000	3.5	3500	4.0	4000	5.0	5000	6.0	6000
Fencing			11000	108970								
4.Intercropping	Lumpsome			6000		6000		6000		6000		6000
B.Labour												
5.Land preparation	Man-day	20	430	8600	0	0	0	0	0	0	0	0
6.Digging of pits(14 pits/MD)	Man-day	14	430	6020	1	430	0	0	0	0	0	0
7.Filling of Pits and Planting(20pits/MD)	Man-day	10	430	4300	1	430	0	0	0	0	0	0
8. Weeding	Man-day	15	430	6450	15	6450	15	6450	15	6450	15	6450
9.Fertilizers application and spraying of Plant Protection Chemicals	Man-day	10	430	4300	8	3440	10	4300	12	5160	14	6020
10.Irrigation	Man-day	20	430	8600	25	10750	30	12900	35	15050	40	17200
Total Cost /ha				**188565**		**57150**		**69875**		**85960**		**102045**
Cost per plant				**943**		**286**		**349**		**430**		**510**
Cost for first 3 yrs capitalised	**Rs.3,15,590/-**											

*Value and Rate in (Rs.)

J. Pear Unit Cost for 1 Ha **Spacing: 7m x 7m**
Varieties: Any improved variety **Density: 200 Plants/ha**

Subject/operations	Year-01- Establishment				Year-02		Year-03		Year-04		Year-05	
	Unit	Qty	Rate	Value	Qty	Value	Qty	Value	Qty	Value	Qty	Value
A. Material												
1. Planting material	No	200	55	11000	20	1100	0	0	0	0	0	0
2.Fertilizers and manures												
N(Urea)	kg	40	6	240	80	480	120	720	160	960	200	1200
P(DAP)	kg	40	27	1080	80	2160	120	3240	160	4320	200	5400
K(MOP)	kg	60	33	1980	120	3960	180	5940	240	7920	300	9900
FYM/Vermi Compost	kg	1000	10	10000	2000	20000	3000	30000	4000	40000	5000	50000
Micro Nutrients	lts	3	500	1500	4	2000	5	2500	6	3000	8	4000
3.Agrochemicals	litre	3	1000	3000	3.5	3500	4.0	4000	5.0	5000	6.0	6000
4.Intercropping	Lumpsome			6000		6000		6000		6000		6000
B.Labour												
5.Land preparation	Man-day	20	430	8600	0	0	0	0	0	0	0	0
6.Digging of pits(14 pits/MD)	Man-day	14	430	6020	1	430	0	0	0	0	0	0
7.Filling of Pits and Planting(30pits/MD	Man-day	10	430	4300	1	430	0	0	0	0	0	0
8. Weeding(once in every 3 months)	Man-day	10	430	4300	10	4300	10	4300	10	4300	10	4300
9.Fertilizers application and spraying of Plant Protection Chemicals	Man-day	6	430	2580	8	3440	10	4300	12	5160	14	6020
10.Irrigation (Once in every 15 days)	Man-day	15	430	6450	20	8600	25	10750	30	12900	30	12900
Total Cost /ha				**67050**		**56400**		**71750**		**89560**		**105720**
Cost per plant				**335**		**282**		**359**		**448**		**529**
Cost for first 4 yrs capitalised	**Rs.2,84,760/-**											

*Value and Rate in (Rs.)

K. Cashew Unit Cost for 1 Ha (for 5 years)
Varieties: Any improved variety

Spacing: 7m x 7m
Density: 200 Plants/ha

Subject/operations	Year-01- Establishment				Year-02		Year-03		Year-04		Year-05	
	Unit	Qty	Rate	Value	Qty	Value	Qty	Value	Qty	Value	Qty	Value
A. Material												
1. Plantimg material	No	200	100	20000	20	2000	0	0	0	0	0	0
2.Fertilizers and manures												
N(Urea)	kg	40	6	240	80	480	120	720	80	480	100	600
P(DAP)	kg	40	27	1080	80	2160	120	3240	80	2160	100	2700
K(MOP)	kg	60	33	1980	120	3960	180	5940	120	3960	150	4950
FYM/Vermi Compost	kg	2000	10	20000	4000	40000	6000	60000	8000	80000	10000	100000
Micro Nutrients	lts	2	500	1000	3	1500	4	2000	5	2500	6	3000
3.Agrochemicals	litre	4	1000	4000	5.0	5000	6.0	6000	7.0	7000	8.0	8000
4.Intercropping	Lumpsome			6000		6000		6000		6000		6000
B.Labour												
6.Land preparation	Man-day	20	430	8600	0	0	0	0	0	0	0	0
7.Digging of pits(14 pits/MD)	Man-day	14	430	6020	1	430	0	0	0	0	0	0
8.Filling of Pits and Planting(20pits/MD	Man-day	10	430	4300	1	430	0	0	0	0	0	0
9.Basins formation (20units/MD)	Man-day	10	430	4300	0	0	0	0	0	0	0	0
10. Weeding(once in every 3 months)	Man-day	16	430	6880	16	6880	16	6880	16	6880	16	6880
11.Fertilizers application and spraying of Plant Protection Chemicals	Man-day	10	430	4300	12	5160	14	6020	16	6880	18	7740
12.Irrigation (Once in every 15 days)	Man-day	20	430	8600	25	10750	30	12900	35	15050	40	17200
Total Cost /ha				**97300**		**84750**		**109700**		**130910**		**157070**
Cost per plant				**973**		**848**		**1097**		**1309**		**1571**
Cost for first 5 yrs capitalised	**Rs.5,79,730/-**											

*Value and Rate in (Rs.)

L. Banana Unit Cost for 1 Ha **Spacing: 2.5m x 2.5m**
Varieties: Any improved variety **Density: 1600 Plants/ha**

Subject/operations	Year-01			
	Unit	Qty	Rate	Value
A. Material				
1. Planting material	No	1600	25	40000
2.Fertilizers and manures				
N(Urea)	kg	360	6	2160
P(DAP)	kg	232	27	6264
K(MOP)	kg	720	33	23760
FYM/Vermi Compost	kg	8000	10	80000
Micro Nutrients	lts	4	500	2000
3.Agrochemicals	litre	5	1000	5000
4. Stacking (Rs.15/plant)No	No.	1600	15	24000
4.Mulching	Lumpsome			32000
B.Labour				
5.Land preparation	Man-day	35	430	15050
6.Digging of pits(50 pits/MD)	Man-day	32	430	13760
7.Filling of Pits and Planting(50pits/MD)	Man-day	32	430	13760
8. Weeding	Man-day	30	430	12900
9.Fertilizers application and spraying of Plant Protection Chemicals	Man-day	20	430	8600
10.Irrigation (Once in every 15 days)	Man-day	25	430	10750
Total Cost /ha				**Rs.2,90,004/-**
Cost per plant (Rs.)				**181**

*Value and Rate in (Rs.)

M. Papaya Unit Cost for 1 Ha **Spacing: 2m x 2m**
Varieties: Any improved variety **Density: 2500 Plants/ha**

Subject/operations	Year-01			
	Unit	Qty	Rate	Value
A. Material				
1. Planting material	No	2500	10	25000
2.Fertilizers and manures				
N(Urea)	kg	375	6	2250
P(DAP)	kg	375	27	10125
K(MOP)	kg	375	33	12375
FYM/Vermi Compost	kg	12500	10	125000
Micro Nutrients	lts	2	500	1000
3.Agrochemicals	litre	3	1000	3000
4. Fungicides	litre	3	1000	3000
B.Labour				
5.Land preparation	Man-day	30	430	12900
6.Digging of pits(100 pits/MD)	Man-day	25	430	10750
7.Filling of Pits and Planting(100pits/MD)	Man-day	25	430	10750
8. Weeding	Man-day	30	430	12900
9.Fertilizers application and spraying of Plant Protection Chemicals	Man-day	15	430	6450
10.Irrigation	Man-day	25	430	10750
Total Cost /ha				**Rs.2,46,250/-**
Cost per plant (Rs.)				**99**

*Value and Rate in (Rs.)

N. Oil palm Unit Cost for 1 Ha
Varieties: Any improved variety

Spacing: 9m x 9mx9m (Triangular planting)
Density: 143 Plants/ha

S.No.	Parameters	Estimated cost (For 4 years) (Rs.)			
		Year I	Year II	Year III	Year IV
Part I	Borewell	100000			
Part II	Basic parameters				
1	Planting material	29000	0	0	0
2	Maintenance- Land preparation, Layout, pitting, planting, Basin preparation, Weed management, Repair & maintenance and Misc. expenses	10500	10500	10500	10500
3	Intercropping - fertilizers (400g SSP/ 250g DAP and 50g phorate granules), manures (25Kg/plant), plant protection and their application	10500	10500	10500	10500
4	Fencing	108970	0	0	0
5	Drip installation (9 x 9 m2)	31399	0	0	0
6	Vermicompost unit (15*0.9*0.24 m3)	30000	0	0	0
		220369	21000	21000	21000
	Total (Part I+Part II)	**Rs.3,83,369**			

Part III	Additional unit costs (as per requirement/ after 4 years)(Rs.)				
A	**Equipments/tools**				
7	Pumpset (for > 2 ha growers)				60000
8	Manually handled/high reach oil palm cutter				5000
9	Oil Palm protective wire mesh-				40000
10	Motorized Chisel				30000
11	Aluminium Portable ladder				10000
12	Chaff cutter for chaffing of oil palm leaves				100000
13	Tractor upto 20 HP	SMAM guidelines			
B	**Others**				
15	Seed garden (10 lakh seedling / year)- 15 ha				4000000 (2000000 x 2 installments)
16	Seed nursery with nethouse (10 ha) for 12 months				4000000 (2000000 x 2 installments)
17	Grant for custom hiring centre cum harvestor groups				2500000
18	Replanting of old garden				250/ plant
19	Bunch Analysis Labaratory				3250000
20	Seed processing laboratory				4650000
21	Seed Germination laboratory				2100000

Annexure IV. Agroforestry and Wasteland Development

A. Cultivation of Bamboo — Area: 1 Ha.

S. No.	Particulars	Unit	Rate (Rs.)	Total cost (Rs.)
1	Land preparation (Ploughing, leveling, etc)	30 man Days	300	9,000
2	Fencing	Lump Sum		75,000
3	Digging of pits and refilling of pits after mixing FYM, Fertilizer & insecticides	40 man Days	300	12,000
4	Cost of FYM, Fertilizer & insecticides	Lump Sum		10,000
5	Planting & staking (including transportation)	400	50	20,000
6	Irrigation system (Water Tank and storage, or Pump sets & Electrical Installation)	Lump Sum		15,000
7	Labour Cost (Planting Weeding and Soil Working)	30 man days	300	9,000
Total Project Cost				**1,50,000**

B. Cultivation of Eucalyptus (sp. *tereticornis*) — Area: 1 Ha

S. No.	Particulars	Unit	Rate (Rs.)	Total cost (Rs.)
1	Land preparation (Ploughing, leveling, etc)	20 man Days	300	6,000
2	Digging of pits (30x30x30 cm) and refilling of pits after mixing FYM, Fertilizer & insecticides	90 man Days	300	27,000
3	Cost of FYM, Fertilizer & insecticides	Lump Sum		6,150
4	Planting & staking (including transportation)	1667	20	33,350
5	Irrigation during dry months	Lump Sum		5,000
6	Labour Cost (Planting, Weeding and Soil Working)	60 man days	300	18,000
7	Cost of intercropping and intercultural operations	Lump Sum		4,500
Total Project Cost				**1,00,000**

Annexure V: Fisheries Development

A. Establishment of New Finfish Hatcheries

Sl. No	Particulars	Quantity		Rate (Rs.)		Total cost (in Rs.)
	Capital Cost					
A.	**Earth Work**					
1	Brooders Ponds(60X 40 X 1 cum) 2 in nos.	4800	cum	130	Rs/cu m	6,24,000
2	Nursery Ponds(20X 10 X0.5 cum) 10 in nos.	1000	cum	130	Rs/cu m	1,30,000
3	Rearing ponds(40 X 20 X0.5 cum) 5 in nos.	2000	cum	130	Rs/cu m	2,60,000
	Sub Total					**10,14,000**
B.	**Civil Structures**					
1	Spawning pools 6m. Dia.,20cm thick, brick cum RCC-1.5m depth					1,10,000
2	Hatching pool(4 nos.)					1,32,000
3	Spawn collection cistern (3.65m X 3.30 m X 1.35 m)	16.26	cu m	3200	/cu m	52,032
4	Egg collection tank (6m X 2m X1.5m)	18	cu m	3200	/cu m	57,600
5	Watchmen shed -cum-store room Carpet area-18 sq.m.,size 6x3x2 cum. Roof - asbestos,wall brick with mortar,floor-mud plaster	18	sq m.	10000	sq.m.	1,80,000
6	Hatchery shed	1	LS			1,75,000
7	10,000 litres capacity overhead tank with necessary pipe arrangements	1	LS			2,30,000
8	RCC office building for hatchery operation and monitoring	1	LS			4,25,000
9	Inlets and outlets and water supply arrangements @ Rs.3500/- per brooder pond (2)	2	LS	3500	Per pond	7,000
	Nursery ponds-2 Hume pipe each	20	Hume pipes	400	Per pipe	8,000

	Rearing ponds	10	Hume pipes	800	Per pipe	8,000
10	Shallow tube well	1	LS			75000
11	GI Pipes, valves, circular frames, monofilament cloth bends & frames					75,000
	Sub-total of B					**15,34,632**
C	**Machinery & Equipment**					
1	Sprinklers 10 nos. with pipe	1	LS	10000		10,000
2	5 HP Electric Pumpset					17,000
3	1 oxygen filled cylinders with all fittings					8,000
4	Breeding kit (Syringe needle, Homogenizer,handnets,Petridis, centrifuge etc.		LS			5,000
5	One 160 ltr. Capacity refrigerator					9,000
6	Nets					
a.	Nylon drag net for brooders 60m	25	Kg	1000	Per Kg	25,000
	x30m mesh size 1"					
b.	Nylon drag net for fingerlings	10	kg	1000	Per Kg	10,000
	collection 10mx7m Mesh size=half inch					
c.	Nylon net for fry 10mx 7m Mesh size=One-third inch	5	kg	1000	Per Kg	5,000
	Sub-total					**89000**
	Capital cost(A+B+C)					**26,37,632**
	Annual Operational Cost					
A	**Input Costs**					
		Qnty.		**Rate**		
1	Brood fish	600	kg	120	Rs/ Kg	72,000
2	Feed for brood stock	1250	kg	40	do	50,000
3	Ovaprim	160	ml	40	Rs/ ml	6,400
4	Fuel cost	20000		1		20,000
5	Organic fertilizers	2000		10	Rs/kg	20,000
6	Inorganic fertilizers	270		10	do	2,700
7	Kerosene	15		45	do	675
8	Micronutrients	1		2000	do	2,000
9	Lime	500		10	do	5,000
	Sub Total					1,78,775
B	**Miscellaneous Cost**					

1	Contingencies @ of input cost	2%		2%		2,500
2	Wages					
a.	Technician for 12 months	8000	Rs/month	1	no.	96,000
b.	Skilled labour for 06 months	5000	Rs/month	4	no.	1,20,000
c.	Unskilled labourfor 06 months	4000	Rs/month	8	no.	2,56,000
3	Maintenance cost					5,000
4	Crop insurance @ 4 % of the mean of seed cost and estimated realization					15,000
5	0.5 % premium on physical structures					5,000
6	Miscellaneous covering mainly prophylactics and the therapeutics					2,671
	Sub Total					4,99,671
	Total Operational Cost					**6,78,446**
IV	**Total Project Cost** (including capital cost and the capitalized recurring cost for the 1st season production)					**33,16,078**

B. Construction of new ponds (Nursery/ Seed rearing)

SL No	Item	Total cost in Rs.
	Capital Cost	
1	Excavation of tank with 1.5 m depth -LS	650000
2	Construction of store cum packing shed	100000
3	Digging of borewell with provision of water pump	120000
	Input Cost	
4	For one crop cycle: fry,feed, fertiliser	181400
	Total Cost (for 5 ponds)	**10,51,400**
	Tank dimensions	
1	Length in m	100
2	Breadth in m	100
3	Depth in m	0.5
4	Volume in cu m	5000
5	Per cubic meter cost as per JCB	130
	Total Cost	**6,50,000**
	Note: per ha stocking 3 lakh, per lakh cost 600, feed 80 per kg, body weight 8 gm of fry, survival rate 50%	

C. Construction of New Grow-out ponds

S.No.	Title	Description
1	Species	IMCs, Pangasius etc
2	Pond area	1 Ha
3	Average Depth	1.5-2 m
4	Stocking size	Fingerling
5	Stocking density	10000/ha
6	Stocking no.	10,000
7	Survival rate	80%
8	FCR	1.20
9	Culture period/crop duration	8-10 months
10	Cost of fingerling	Rs.2 with transportation
11	Cost of feed	Rs.40/kg
12	Total feed required- cost (Rs.)	384000
13	Size at the time of Harvest	1 Kg
14	Expected total Biomass	4.25 MT
15	Sale price	Rs.130/kg

S.No.	Particulars	Total amount (in Rs.)
A.	**Capital Cost**	
1	Earth work excavation and construction of bund LS	975000
2	Inlet, outlet and sluice structure	10000
3	Pump house and watchman shed, feed store-400sqf	200000
4	Pumps-2 nos. 5 HP with borewell	200000
5	Aerator-4 nos. @Rs.35,000 each	140000
6	Nets and accessories	30000
7	Water testing kit	20000
8	misc labour transportation, liming etc	50000
9	input -feed	384000
10	fingerling	20000
11	misc input	73600
	Total	**21,02,600**

	Tank dimensions	
1	Length in m	100
2	Breadth in m	100
3	digging in m	0.75
4	Volume in cu m	7500
5	Per cubic meter cost as per JCB	130
	Total Cost	**9,75,000**

D. Inputs for freshwater Aquaculture including composite fish culture, Pangasius, Tilapia etc.

S. No	Particulars	Total Amount (in Rs.)
1	Pond preparation, Liming, zeolite etc. (L.S.)	30000
2	fingerling cost with transportation @ Rs.5/pc for 20000 nos.	100000
3	Feed cost @Rs.40/kg per, 1.5 FCR, 30 MT, Survial rate 80%	960000
4	Manpower-1 no. @Rs.8500 p.m. for 10 months	85000
5	Electricity and fuel L.S.	40000
6	Harvesting charges	20000
7	Miscellaneous	20000
	Total	**12,55,000**

E. Input support for Integrated Fish farming (Paddy cum fish cultivation, livestock cum fish, etc.)

Particulars	Amount (in Rs.)
Tilling and strengthening dykes	12000
Inlet & outlets (with iron meshed screens)	10000
Trenches/centre/shelter pond (10-15% farm area)	4000
Cow dung & other bio-fertilisers	10000
Feed (Rice bran & oil cake)	33000
Fish fingerlings 5/fish 3500 no	17500
Transportation	5000
Periodical farm repair	3000
Miscellaneous	12500
Total	**1,07,000/-**

F. Biofloc Unit:

S.No	Component	Nos	Cost (Rs)	Total cost (Rs.
	Capital cost			
1	Setup of Tarpaulin/Fibre tanks(15,000 Litres capacity)	7	25,000	1,75,000
2	Shed material and accessories fixing charges	200 m2	600/ m2	1,20,000
3	Water supply bore well (3HP)	1	100000	1,00,000

4	PVC pipe fittings for air, water flow	LS	75000	75,000
5	Nets and accessories	LS	15000	15,000
6	Blower (1 HP), Air stones and other accessories	1	30000	30,000
7	Electrification	LS	10000	10,000
8	Power generator(2 KVA)	1	45000	45,000
9	Weighing balance	1	10000	10,000
10	Miscellaneous expenses	LS	20000	20,000
	Total			6,00,000
	*Input cost for one crop			
11	Seed cost @ INR 3 , for 7000, Feed cost 3.5 MT@ INR 40, Probiotics, Test kits etc. (INR !0000)			1,71,000
	Total cost per one crop			1,71,000
	Grand Total (Rs.)			**7,71,000**

G. Establishment of Backyard Mini RAS units

Sl. No.	Components	Amount (Rs.)
A	Capital Cost	
1	Fish Tank Construction, Procurement & installation of pumps, filters, aerators, pipes, valves, etc.	47000
B	Input Cost	0
1	Seed and feed	6000
Total Cost (A+B)		**53,000**

H. Installation of cages in Reservoirs

SL No	Component	Amount in Rs.
1	Cost of Cage 6*4*4 m	110000
2	Cost of anchors	15000
3	Stock of Fingerlings@ Rs. 7 Per fingerling (100 mm.) for 7000	49000
4	Total feed required @1.5 kg per fish per cycle , Feed cost @ Rs. 40 Per Kg. , 85% survival	153000
5	Labour and misc	130000
	Total cost	**4,57,000**

I. Mini mills of production capacity of 2 tonne/ day

S.No.	Particulars	Total amount (in Rs)
1	Premises for housing feed mill (Industrial Type of shed)	1000000
2	Hammer Mill	1200000

3	Micro Pulverizer	
4	Mixer (Homogenizer)	
5	Steam Boiler	
	Floating Pellet Section	
	a. Sieve Assembly	
	b. Ring- Die Pellet Mill	
	c. Dryer- Cooler	
	d. Pellet Crumble	
6	e. Ancillaries	
7	Conveyor System	
8	Installation Charges	
9	Power Requirements and Generator Set	600000
10	Water Treatment and supply units	200000
	Total	**30,00,000**

J. Medium mills of production capacity of 8 tonne/day

S.No.	Particulars	Total amount (in Rs)
1	Premises for housing feed mill (Industrial Type of shed)	25,00,000
2	Hammer Mill	
3	Micro Pulverizer	
4	Mixer (Homogenizer)	
5	Steam Boiler	
6	Floating Pellet Section	
	a. Sieve Assembly	
	b. Ring- Die Pellet Mill	
	c. Dryer- Cooler	
	d. Pellet Crumble	
	e. Ancillaries	
7	Conveyor System	
8	Installation Charges	60,00,000
9	Power Requirements and Generator Set	10,00,000
10	Water Treatment and supply units	5,00,000
	Total	**1,00,00,000/-**

K. Large mills of production capacity of 20 tonne/ day

S.No.	Particulars	Total amount (Rs.)
1	Premises for housing feed mill (Industrial Type of shed)	60,00,000
2	Hammer Mill	
3	Micro Pulverizer	
4	Mixer (Homogenizer)	
5	Steam Boiler	
6	Single Screw Extruder	1,15,00,000

7	Conveyor System	
8	Installation Charges	
9	Power Requirements and Generator Set	18,00,000
10	Water Treatment and supply units	7,00,000
	Total Cost	**2,00,00,000/-**

L. Fish feed plants of production capacity of at least 100 tonne/day

Project cost		
S.No.	**Particulars**	**Total amount (Rs.)**
1	Premises for housing feed mill (Industrial Type of shed)	1,70,00,000
2	Hammer Mill	
3	Micro Pulverizer	
4	Mixer (Homogenizer)	
5	Steam Boiler	
6	Twin Screw Extruder	
7	Conveyor System	
8	Installation Charges	4,30,00,000
9	Power Requirements and Generator Set	30,00,000
10	Water Treatment and supply units	20,00,000
	Total Cost	**6,50,00,000**

M. RAS 4 Cubic meter model

S.No	**Particular**	**Total amount in Rs.**
1	Pumphouse/ watch tower	4,98,000
2	Water supply pipeline	4,98,000
3	Tubewell	3,22,000
4	External electrification	5,00,000
5	Centrifugal pumps-2 electric/ diesel	1,00,000
6	Construction of culture pond 1.00 ha- 2 in no	14,00,000
7	Construction of raring pond 0.1 ha- 10 in no	6,00,000
8	Re-circulatory Aquaculture System	55,00,000
	Total Cost	**94,18,000**

Annexure VI: Land Development

A. Land Levelling and Shaping:

Particulars	Slope Group			
	0.6 to 1.0 %	1 to 2 %	2 to 3 %	3 to 5 %
1. Earth work for land levelling (m3)	243	526.5	776.3	1026
2. Cost of levelling (Rs)	36241	78522	115777	153018
3.Earth work for shoulder bunding (m3)	105	105	130	152
4. Cost of shoulder bunding (Rs)	533	533	660	772
5. Total Cost(2+4)(Rs.)	36774	79056	116438	153790
Average cost of land levelling and shaping	96514			
Average Cost of cultivation of crops (capitalised)	30000			
Total Cost (Rs.)	**1,26,514**			

B. NADEP Compost

Specifications						
		Size	10' x 6' x3'	0.3 x 0.18 x 0.09	cum	
		Thickness of wall	10"			
		Capacity	180 cuft	0.00486	cum	
Construction cost				**Quantity**	**Rate**	**Cost (Rs.)**
i) Bricks 1200 nos				1200	12.00	14,400.00
including transportation cost						
ii)Cement (in kg)				200	6.63	1,325.60
iii)Sand (in m3)				3	431.44	1,294.32
iv)Masons (no.)				3	424.00	1,272.00
v) Labour (in manday)				8	261.00	2,088.00
vi) Light thatched roof						
a. Straw , rope				L.S		500.00
b. Bamboo(nos.)				4	200.00	800.00
c. Labour (md)				2	261.00	522.00
Sub total :						**22201.92**
Maintenance cost						500.00
Operational cost						
i) Cowdung (kg)				150	3.00	450.00
ii)Agro- waste (kg)				1350	2.00	2,700.00
iii)Soil (a) cost of digging 1500 kg (md)				2	261.00	522.00
(b) cost of transport (cart)				2	261.00	522.00

iv)Water sprinkling charges- once in 4 day			3	261.00	783.00
30 times 45 minutes ,each time 22.5 hrs(i.e. 3md)					
v)Cost of tank filling (md)			2	261.00	522.00
vi)Cost of screening of compost (md)			2	261.00	522.00
vii) Miscellaneous					200.00
Sub total :					**6,721.00**
Grand total:					**28,900**

Income - Expenditure						
Years /Particulars		1	2	3	4	5
Construction cost		22201.92	0	0	0	0
Operational cost (2 cycles)		13442.00	20163	20163	20163	20163
Total Cost		**35643.92**	**20163**	**20163**	**20163**	**20163**
Income						
		(2 cycles)	(3 cycles)	(3 cycles)	(3 cycles)	(3 cycles)
Compost production (tonne)		6	9	9	9	9
Value of compost (Rs./tonne)	4000	24000	36000	36000	36000	36000
Net benefit		-11643.92	15837.00	15837.00	15837.00	15837.00
NPC		81051				
NPB		110243				
NPW		29192				
B C Ratio		1.36				
IRR		>15%				

Cash Flow Statement

	Bank loan	**Interest**	**Gross**	**Repayment**			**Amount in Rs.**
Year	**outstanding**	**@12% p.a.**	**surplus**	**Principal**	**Interest**	**Total**	**Net surplus**
1	26,010	3121	24000	8670	3121	11791	12209
2	17,340	2081	36000	8670	2081	10751	25249
3	8,670	1040	36000	8670	1040	9710	26290

C. Barbed Wire Fence Cost per acre & per Hectare

A	**Calculating fencing cost per acre**	
1	1 acre are = 4046.724 sq. meters	4046.724 sqm
2	Length = x and width = x	
3	X^2 = 4046.724 m^2	
4	X = 63.61 m	
5	Perimeter of the farm = 2 x (X+X) = 4x	254.44 m
6	4 x (63.61) = 254.44 m	
B	**Cost of wire**	
	Barebed wire 12 gauge	
1	For 4 strands, length of wire = 254.44 x 4 = 1017.76 m	1017.76
2	Cost of wire 12 gauge @ Rs 94.68 per kg of 4.572 m = 1017.76/4.572 x 94.68 = **Rs 20278.10**	21076.45
3	(Cost of barbed wire 12 gauge is Rs.94.68 per Kg of wire of 15 feet including GST & transporting cost = Rs.94.68 for 4.572 m	
C	**Number of angle iron poles**	
1	2 poles distance 5m and each pole have 6ft height & 4 inch diametre	
2	Number of poles = Perimeter of farm/distance between 2 poles + 4 poles at corners = 254/5 + 4 = 55 Poles	55
3	Cost of 55 poles	
4	Price of 1 pole = Rs 200 each	
5	**Cost of 55 poles** = Rs 200 x 55 poles = **Rs 11,000**	11000
D	**Cost of digging pits** for for pole fixing	
1	Pit size = 0.3 x 0.3 x 0.45 m = 0.04 m3	
2	Pits number = 55 poles x .04 m3 = 2.2 m3	
3	Pit digging cost = Rs 161.09 per m3	
4	Pit cost = Rs 2.2 x 161.09 = **Rs 354.39 rounded to Rs.355**	355
E	**Cost of concrete and lime**	
1	If 1 m3 concrete and lime cost = Rs 1350	
2	Cost of concrete and lime for 2.2 m3 pits = 2.2 x 1350 = **Rs 2970**	2970
F	**Labour charges filling lime and concrete**	
1	Labour required for filling lime and concrete	
2	Labour cost = Rs 350 per m3	
3	Labour cost = 2.2 x 350 = **Rs 770**	770

G	**Labour charges for fixing and stretching wire**	
1	4 labourers for 2 days	
2	Wages @ 325 per labour per day	
3	Labour cost = 4 labour x Rs 325 x 2 days = **Rs 2600**	2600
	Total Cost per Acre (Rs.)	38771.45
	Cost for 1 Hectare (Rs.)	95765.47
	Total Fencing Cost Per Acre	
A	Cost of wire	21076.45
B	Number of angle iron poles	11000
C	Cost of digging pits for for pole fixing	355
D	Cost of concrete and lime	2970
E	Labour charges filling lime and concrete	770
F	Labour charges for fixing and stretching wire	2600
	Total cost summary for 1 acre (Rs.)	**38771**
	Total Cost for 1 hectare (1 hectare= 2.47 acre) (Rs.)	**95,765/-**

Annexure VII: Fodder Cultivation

A. Sorghum

Item	Qty	Unit	Unit rate	Cost in Rs
Expenditure				
1. Preparatory tillage	6	hour	900	5400
2. Pre sowing irrigation	0	no	600	0
3. Sowing by labour/ seed trill	2	hours	800	1600
4. Seed (kg)	26	Kg	75	1950
5. Seed treatment	0	no.	60	0
6. FYM (tonnes)	7	tonnes	800.0	5600
7.Fertilizers nutrients (kg/acre)				0
a. Nitrogen (Kg)	35	Kg	13.0	455
b. Phosphatic (Kg)	10	Kg	53.65	537
c. Potassic (Kg)	0	Kg	54.5	0
d. Zinc sulphate (Kg)	0	Kg		0
8- Fertilizers application by labour	1	no	500	500
9-Irrigation (no.)	4	no	600	2400
10. Hoeing/ weeding				0
a. chemical		no.		0
b. manual	1	no.	1000	1000
11. Plant protection	1	no.	1000	1000
12. Harvesting by labour/ combine	5	no.	500	2500
13. Miscellaneous				2500
14. Rental value of land				10000
Total Cost (Rs.)				**35,442**

Crop Duration			70 Days	
Production (qtl/acre)				
a. Main	220		300	66000
b. By product.(straw)	0		0	0
Gross return				66000
Net return				30558

B. Berseem

Item	Qty	Unit	Unit rate	Cost in Rs.
Expenditure				
1. Preparatory tillage	6	hours	900	5400
2. Pre sowing irrigation	0	no	600	0
3. Sowing by labour/ seed trill	2	hours	800	1600
4. Seed (kg)	10	Kg	250	2500
5. Seed treatment	0	no.	60	0
6. FYM (tonnes)	7	tonnes	800.0	5600
7.Fertilizers nutrients (kg/acre)				0
a. Nitrogen (Kg)	37	Kg	13.0	481
b. Phosphatic (Kg)	12	Kg	53.65	644
c. Potassic (Kg)	0	Kg	54.0	0
d. Zinc sulphate (Kg)	0	Kg	0	0
8- Fertilizers application by labour		no		0
9-Irrigation (no.)	12	no	600	7200
10. Hoeing/ weeding				0
a. chemical		no.		0
b. manual	2	no.	1000	2000
11. Plant protection	2	no.	1000	2000
12. Harvesting by labour/ combine	15	no.	500	7500
13. Miscellaneous				2500
14. Rental value of land				10000
Total Cost (Rs.)				**47,425**
Crop Duration			170 Days	
Production (qtl/acre)				
a. Main	280		350	98000
b. By product.(straw)	0		0	0
Gross return				98000
Net return				50,575

Annexure VIII: छत्तीसगढ़ में नाबार्ड के जिला विकास प्रबंधकों के संपर्क सूत्र

Sr. No	Name of the District	Tagged district	Name of the DDM	Mobile No.	E-mail
1	Bastar	Sukma	Abhijit Deuri	09717739562	bastar@nabard.org
2	Bilaspur	Mungeli Gaurela-Pendra-Marwahi	Ashok Kumar Sahoo	9439850492	bilaspur@nabard.org
3	Durg	Bemetera	Anshu Goyal	6262933445	durg@nabard.org
4.	Dantewada	Bijapur	Santosh A Ramteke	9090388515	dantewada@nabard.org
5	Dhamtari	Gariyaband	Pankaj R. Sontakke	09826912710	dhamtari@nabard.org
6	Janjgir Champa	Balodabazar	Ankit Jai Shankar Pal	8109717090	janjgir.champa@nabard.org
7	Kanker	Balod	Soubhagya Ranjan Sahoo	7894399467	kanker@nabard.org
8	Kabirdham	Khairagarh-Chhuikhadan-Gandai	Harsh Deshmukh	8962345066	kabirdham@nabard.org
9	Korba	Koriya	Sanjeeb Kumar Pradhan	8455827220	korba@nabard.org
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11	Mahasamund	Sarangarh-Bilaigarh	Priyabrata Sahu	8839746683	mahasmund@nabard.org
12	Raigarh	Jashpur	Milyore Bara	9425550223	raigarh@nabard.org
13	Rajnandgaon	Mohla-Manpur-Ambagarh Chowki	Manoj Kumar Nayak	9874366623	rajnandgoan@nabard.org
14	Surguja	Balrampur, Surajpur	Anupam Tiwari	8222925689	surguja@nabard.org
15	Manendargarh-Chirmiri-Bharatpur		Harsh Gaurav	9238426642	manendragarhcb@nabard.org
16	Raipur		Pankaj Yewale	6260696664	ddm.raipur@nabard.org
17	Sakti		Jagdish Gaikwad	9425606082	sakti@nabard.org

NABVENTURES Limited

A wholly owned Subsidiary of NABARD

NABVENTURES Ltd., a Company registered under the Companies Act, 2013, with a paid-up capital of INR 25 crore, is the Sponsor and Investment Manager of NABVENTURES Fund-I, a SEBI-registered Category II Alternative Investment Fund (AIF), with a base corpus of INR 500 crore and greenshoe option of INR 200 crore.

Investment focus: Start-ups/MSMEs operating in/with

- **Sectors:** Agri-tech, rural fin-tech, food-tech, health-tech and edu-tech, with a rural focus
- **Stage:** Pre-Series A (INR 5-20 cr.) & Series A (INR 20-50 cr.)

Model: asset-light, technology-led models, which can be quickly scaled up across geographies

As on 31st March 2022:

- **Corpus raised:** INR 598 crore
- **Investments made:** INR 148.21 crore in 9 start-ups

Registered Office: NABARD, 2nd Floor, A Wing,
Plot No. C-24, G Block, BKC, Bandra (East), Mumbai-400051
e-mail: nabventure@nabard.org Phone: 91-22-26539149 www.nabventure.in

NABSAMRUDDHI FINANCE Limited

A Subsidiary of NABARD

"The objective of NABSAMRUDDHI is to provide credit facilities to legal entities for the promotion, expansion, commercialisation and modernisation in non-farm & agri allied activities including microfinance, MSME, housing, education, transport, etc."

FOCUS SEGMENTS	OTHER SEGMENTS
Green Finance & Wellness (Renewable Energy, Electric Vehicle, Healthcare, WASH) Fabrics & textiles, Handicrafts	› Small Business › Microfinance › Transport › Housing › Education › Allied Agriculture › Agri/Food processing

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e-mail: nabsamruddhi@nabard.org

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Hyderabad- 500020, Telangana
Ph: 040-23241155/56
www.nabsamruddhi.in

NABFOUNDATION

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IF YOU ARE AN INDIVIDUAL
Reach out to us with your ideas about development projects which you believe need to be implemented. We really look forward to your fresh ideas

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- Term lending for Corporates/ NBFCs/ MFIs
- Soft loans for Agri Startups

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C/o NABARD, Mumbai
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Registered Office
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Web-portal:krishimanch.co.in

NABARD Consultancy Services Private Limited [NABCONS]

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- Infrastructure Monitoring
- Climate Change

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NABFINS Limited

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- Mission - To be a trusted client centric financial institution advancing hassle free services to the low income households and the unorganised sector
- The company has a range of financial products and services including financing of SHGs in partnership with NGOs and JLGs directly through its branches
- Operating across in 16 States of India and touching lives of more than 5.50 lakh households with a commitment towards their socio-economic empowerment and furthering the cause for financial inclusion

Registered Office: #3072, 14th Cross, K R Road, Banashankari 2nd stage, Bengaluru - 560 070, Karnataka, India
e-mail: ho@nabfins.org Phone: 080 2697 0500 www.nabfins.org

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- registered under the Scheme

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