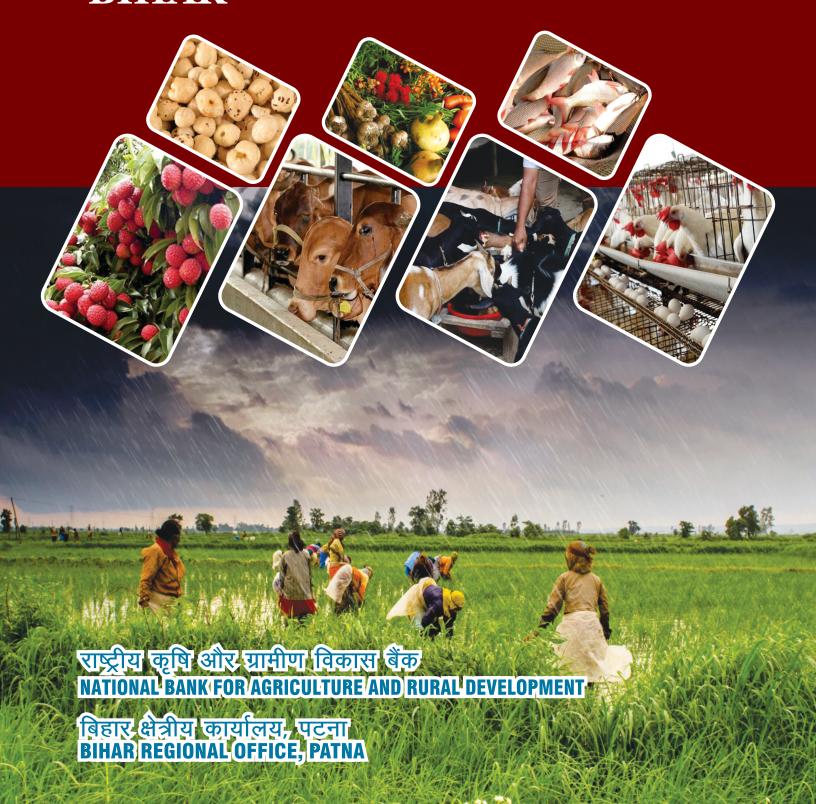


UNIT COST 2020-21 BIHAR





दृष्टि

ग्रामीण समृद्धि के लिए राष्ट्र का विकास बैंक

ध्येय

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

Vision

Development Bank of the Nation for Fostering Rural Prosperity

Mission

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



प्राक्कथन



राष्ट्रीय कृषि ग्रामीण विकास बैंक (नाबार्ड), एक शीर्ष विकासात्मक वित्तीय संस्थान है जो ग्रामीण क्षेत्रों में कृषि और ग्रामीण विकास के लिए ऋण संवर्धन हेतू प्रतिबद्ध है।

कृषि और संबद्ध क्षेत्र की विभिन्न गतिविधियों में पर्याप्त ऋण प्रवाह हो इसी को ध्यान में रखकर नाबार्ड राज्य स्तरीय इकाई लागत समिति (SLUCC) की बैठकें आयोजित कर इकाई लागत तय करता है। इकाई लागत विभिन्न सरकारी विभागों, बैंकर, अनुसंधान संगठनों आदि के साथ व्यापक

परामर्श के उपरांत तय किया जाता है। समिति द्वारा अनुमोदित इकाई लागत सांकेतिक प्रकृति के है और वित्तीय संस्थान / सरकारी एजेंसियाँ स्थानीय परिस्थियों को ध्यान रखकर तथा तकनीकी संभाव्यता. वित्तीय व्यवहार्यता और निवेशों की बैंक योग्यता को ध्यान में रखकर लागतों को परिष्कृत कर सकती हैं।

दिनांक 17 जून 2020 को नाबार्ड बिहार क्षेत्रीय कार्यालय, पटना में SLUCC की बैठक आयोजित कर बिहार राज्य की वर्ष 2020-21 की इकाई लागत को विस्तृत चर्चा के बाद अंतिम रूप दिया गया। बागवानी में मखाना, काग़जी नींबू आदि जैसे कुछ नई गतिविधियाँ को भी शामिल किया गया है। इसके साथ ही पशुपालन में डेयरी, भूमि विकास की विभिन्न गतिविधियों, फार्म मशीनीकरण और सूक्ष्म सिंचाई आदि गतिविधियों के लिए इकाई लागत में संशोधन किया गया है।

मैं सभी संबंधित विभागों, एसएलबीसी, बैंकों, कृषक समुदाय और अन्य एजेंसियों के प्रति धन्यवाद ज्ञापित करता हूँ जिन्होंने इस पुस्तिका में अपना योगदान दिया है। मुझे आशा है कि, यह दस्तावेज सरकारी विभागों, वित्तीय संस्थानों और सभी हितधारकों के लिए दिशानिर्देशिका बनेगी। साथ ही राज्य कृषि सावधिक ऋण (ATL) को बढ़ाने में प्रोत्साहित करेगी।

(डॉ. सुनील कुमार) मुख्य महाप्रबंधक नाबार्ड, पटना

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Bihar Regional Office

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<u>Unit Cost 2020-21 for Investments in</u> <u>Farm activities in Bihar</u>

The State Level Unit Cost Committee had discussed on the suggestions pertaining to Unit Cost of various investments in the State Level Unit Cost Committeeheld on 17 June 2020 through webinar. The Unit Cost are indicative and financing banks may use them as a guidance. They are free to make decisions on loan amount and other investments on the merit of the loan proposal. NABARD disclaims that "The cost and parameters suggested with unit cost are based on information available to NABARD".

Composition of State Level Unit Cost Committee

1.	Chief General Manager, NABARD, Bihar Regional Office	Chairman
2.	Deputy General Manager, Department of Refinance, Bihar Regional Office	Convener
3.	Senior Officers of NABARD, Bihar Regional Office with Technical Background	Member

- 4. Representatives of Departments of Govt. of Bihar
 - a. Department of Agriculture
 - b. Department of Horticulture
 - c. Director- Animal Husbandry
 - d. Director- Dairy
 - e. Director-Fisheries
- 5. Representatives of Govt. Bodies
 - a. COMFED
 - b. BREDA
- 6. Representative of SLBC
- 7. Representatives of Controlling Offices of
 - a. State Bank of India, Patna
 - b. Punjab National Bank,
 - c. Canara Bank
 - d. Bank of Baroda
 - e. Bank of India
 - f. Central Bank of India
 - g. Union Bank of India
 - h. Bihar State Co-operative Bank
 - i. Dakshin Bihar Gramin Bank, Patna
 - j. Uttar Bihar Gramin Bank, Muzaffarpur

Members

Members

Members



Sl No.	Items of Investment	Indicative Unit Cost (Amt. in Rs.)
1	2	4

1. Minor Irrigation

1 Dug Well (3m x 12 m depth) 2,30,000 2 Farm Pond (FP) - (3oft x 2oft x3ft) 1,36,500 3 Bamboo Boring (100mm dia x 20 m depth) with Mild Steel pipe 31,500 4 Irrigation Well 4.5 Meter diameter (12 meter depth) 4,78,000 5 Irrigation Well 3.0 Meter Dia (Internal), 12 meter depth 2,31,000 6 Community Irrigation Well 15 feet diameter (3o feet depth) 5,15,500 7 Cavity Boring (100 mm dia x 20 m depth) with PVC pipe 23,600 8 Shallow Tubewell (100 mm dia x 30 m depth) with MS pipe 70,600 9 Shallow Tubewell (100 mm dia x 30 m depth) with PVC pipe 51,900 10 Shallow Tubewell (100 mm dia x 45 m depth) with MS pipe 1,04,400 11 Shallow Tubewell (100 mm dia x 70 m depth) with MS pipe 76,400 12 Shallow Tubewell (100 mm dia x 70 m depth) with PVC pipe 1,60,400 13 Shallow Tubewell (100 mm dia x 70 m depth) with PVC pipe 1,60,400 15 Tubewell in hard rock area (100 mm dia x 45 m depth) 1,13,400 15 Tubewell in hard rock area (100 mm dia x 70 m depth) 1,48,000 17 Medium Tubewell (100 mm dia x 90 m depth) 1,59,200 <			
3 Bamboo Boring (100mm dia x 20 m depth) with Mild Steel pipe 31,500 4 Irrigation Well 4.5 Meter diameter (12 meter depth) 4,78,000 5 Irrigation Well 3.0 Meter Dia (Internal), 12 meter depth 2,31,000 6 Community Irrigation Well 15 feet diameter (30 feet depth) 5,15,500 7 Cavity Boring (100 mm dia x 20 m depth) with PVC pipe 23,600 8 Shallow Tubewell (100 mm dia x 30 m depth) with MS pipe 70,600 9 Shallow Tubewell (100 mm dia x 30 m depth) with PVC pipe 51,900 10 Shallow Tubewell (100 mm dia x 45 m depth) with MS pipe 1,04,400 11 Shallow Tubewell (100 mm dia x 45 m depth) with PVC pipe 76,400 12 Shallow Tubewell (100 mm dia x 70 m depth) with MS pipe 1,60,400 13 Shallow Tubewell (100 mm dia x 70 m depth) with PVC pipe 1,16,700 14 Tubewell in hard rock area (100 mm dia x 55m depth) 1,13,400 15 Tubewell in hard rock area (100 mm dia x 70m depth) 92,400 16 Tubewell in hard rock area (100 mm dia x 70m depth) 1,48,000 17 Medium Tubewell (100 mm dia x 90 m depth) 1,59,200 18 Pump house (2.5m x 2.5m x 2.1m) 2,30,000	1	Dug Well (3m x 12 m depth)	2,30,000
4 Irrigation Well 4.5 Meter diameter (12 meter depth) 4,78,000 5 Irrigation Well 3.0 Meter Dia (Internal), 12 meter depth 2,31,000 6 Community Irrigation Well 15 feet diameter (30 feet depth) 5,15,500 7 Cavity Boring (100 mm dia x 20 m depth) with PVC pipe 23,600 8 Shallow Tubewell (100 mm dia x 30 m depth) with MS pipe 70,600 9 Shallow Tubewell (100 mm dia x 45 m depth) with MS pipe 51,900 10 Shallow Tubewell (100 mm dia x 45 m depth) with MS pipe 1,04,400 11 Shallow Tubewell (100 mm dia x 70 m depth) with MS pipe 76,400 12 Shallow Tubewell (100 mm dia x 70 m depth) with PVC pipe 1,60,400 13 Shallow Tubewell (100 mm dia x 70 m depth) with PVC pipe 1,13,400 15 Tubewell in hard rock area (100 mm dia x 45m depth) 92,400 16 Tubewell in hard rock area (100 mm dia x 70 m depth) 1,48,000 17 Medium Tubewell (100 mm dia x 90 m depth) 1,59,200 18 Pump house (2.5m x 2.5m x 2.1m) 2,30,000	2	Farm Pond (FP) - (30ft x 20ft x3ft)	1,36,500
5 Irrigation Well 3.0 Meter Dia (Internal), 12 meter depth 2,31,000 6 Community Irrigation Well 15 feet diameter (30 feet depth) 5,15,500 7 Cavity Boring (100 mm dia x 20 m depth) with PVC pipe 23,600 8 Shallow Tubewell (100 mm dia x 30 m depth) with MS pipe 70,600 9 Shallow Tubewell (100 mm dia x 30 m depth) with PVC pipe 51,900 10 Shallow Tubewell (100 mm dia x 45 m depth) with MS pipe 1,04,400 11 Shallow Tubewell (100 mm dia x 70 m depth) with MS pipe 76,400 12 Shallow Tubewell (100 mm dia x 70 m depth) with PVC pipe 1,16,700 13 Shallow Tubewell (100 mm dia x 70 m depth) with PVC pipe 1,16,700 14 Tubewell in hard rock area (100 mm dia x 55m depth) 92,400 15 Tubewell in hard rock area (100 mm dia x 45m depth) 92,400 16 Tubewell in hard rock area (100 mm dia x 70m depth) 1,48,000 17 Medium Tubewell (100 mm dia x 90 m depth) 1,59,200 18 Pump house (2.5m x 2.5m x 2.5m x 2.1m) 2,30,000	3	Bamboo Boring (100mm dia x 20 m depth) with Mild Steel pipe	31,500
6 Community Irrigation Well 15 feet diameter (30 feet depth) 5,15,500 7 Cavity Boring (100 mm dia x 20 m depth) with PVC pipe 23,600 8 Shallow Tubewell (100 mm dia x 30 m depth) with MS pipe 70,600 9 Shallow Tubewell (100 mm dia x 30 m depth) with PVC pipe 51,900 10 Shallow Tubewell (100 mm dia x 45 m depth) with MS pipe 1,04,400 11 Shallow Tubewell (100 mm dia x 70 m depth) with MS pipe 76,400 12 Shallow Tubewell (100 mm dia x 70 m depth) with PVC pipe 1,60,400 13 Shallow Tubewell (100 mm dia x 70 m depth) with PVC pipe 1,16,700 14 Tubewell in hard rock area (100 mm dia x 55m depth) 1,13,400 15 Tubewell in hard rock area (100 mm dia x 45m depth) 92,400 16 Tubewell in hard rock area (100 mm dia x 70m depth) 1,48,000 17 Medium Tubewell (100 mm dia x 90 m depth) 1,59,200 18 Pump house (2.5m x 2.5m x 2.1m) 2,30,000	4	Irrigation Well 4.5 Meter diameter (12 meter depth)	4,78,000
7 Cavity Boring (100 mm dia x 20 m depth) with PVC pipe 23,600 8 Shallow Tubewell (100 mm dia x 30 m depth) with MS pipe 70,600 9 Shallow Tubewell (100 mm dia x 30 m depth) with PVC pipe 51,900 10 Shallow Tubewell (100 mm dia x 45 m depth) with MS pipe 1,04,400 11 Shallow Tubewell (100 mm dia x 70 m depth) with PVC pipe 76,400 12 Shallow Tubewell (100 mm dia x 70 m depth) with PVC pipe 1,60,400 13 Shallow Tubewell (100 mm dia x 70 m depth) with PVC pipe 1,16,700 14 Tubewell in hard rock area (100 mm dia x 55m depth) 1,13,400 15 Tubewell in hard rock area (100 mm dia x 45m depth) 92,400 16 Tubewell in hard rock area (100 mm dia x 70m depth) 1,48,000 17 Medium Tubewell (100 mm dia x 90 m depth) 1,59,200 18 Pump house (2.5m x 2.5m x 2.1m) 2,30,000	5	Irrigation Well 3.0 Meter Dia (Internal), 12 meter depth	2,31,000
8 Shallow Tubewell (100 mm dia x 30 m depth) with MS pipe 70,600 9 Shallow Tubewell (100 mm dia x 30 m depth) with PVC pipe 51,900 10 Shallow Tubewell (100 mm dia x 45 m depth) with MS pipe 1,04,400 11 Shallow Tubewell (100 mm dia x 45 m depth) with PVC pipe 76,400 12 Shallow Tubewell (100 mm dia x70 m depth) with MS pipe 1,60,400 13 Shallow Tubewell (100 mm dia x70 m depth) with PVC pipe 1,16,700 14 Tubewell in hard rock area (100 mm dia x 55m depth) 1,13,400 15 Tubewell in hard rock area (100 mm dia x 45m depth) 92,400 16 Tubewell in hard rock area (100 mm dia x 70m depth) 1,48,000 17 Medium Tubewell (100 mm dia x 90 m depth) 1,59,200 18 Pump house (2.5m x 2.5m x 2.1m) 2,30,000	6	Community Irrigation Well 15 feet diameter (30 feet depth)	5,15,500
9 Shallow Tubewell (100 mm dia x 30 m depth) with PVC pipe 51,900 10 Shallow Tubewell (100 mm dia x 45 m depth) with MS pipe 1,04,400 11 Shallow Tubewell (100 mm dia x 45 m depth) with PVC pipe 76,400 12 Shallow Tubewell (100 mm dia x70 m depth) with MS pipe 1,60,400 13 Shallow Tubewell (100 mm dia x70 m depth) with PVC pipe 1,16,700 14 Tubewell in hard rock area (100 mm dia x 55m depth) 1,13,400 15 Tubewell in hard rock area (100 mm dia x 45m depth) 92,400 16 Tubewell in hard rock area (100 mm dia x 70m depth) 1,48,000 17 Medium Tubewell (100 mm dia x 90 m depth) 1,59,200 18 Pump house (2.5m x 2.5m x 2.1m) 2,30,000	7	Cavity Boring (100 mm dia x 20 m depth) with PVC pipe	23,600
10 Shallow Tubewell (100 mm dia x 45 m depth) with MS pipe 1,04,400 11 Shallow Tubewell (100 mm dia x 45 m depth) with PVC pipe 76,400 12 Shallow Tubewell (100 mm dia x70 m depth) with MS pipe 1,60,400 13 Shallow Tubewell (100 mm dia x70 m depth) with PVC pipe 1,16,700 14 Tubewell in hard rock area (100 mm dia x 55m depth) 1,13,400 15 Tubewell in hard rock area (100 mm dia x 45m depth) 92,400 16 Tubewell in hard rock area (100 mm dia x 70m depth) 1,48,000 17 Medium Tubewell (100 mm dia x 90 m depth) 1,59,200 18 Pump house (2.5m x 2.5m x 2.1m) 2,30,000	8	Shallow Tubewell (100 mm dia x 30 m depth) with MS pipe	70,600
11 Shallow Tubewell (100 mm dia x 45 m depth) with PVC pipe 76,400 12 Shallow Tubewell (100 mm dia x70 m depth) with MS pipe 1,60,400 13 Shallow Tubewell (100 mm dia x70 m depth) with PVC pipe 1,16,700 14 Tubewell in hard rock area (100 mm dia x 55m depth) 1,13,400 15 Tubewell in hard rock area (100 mm dia x 45m depth) 92,400 16 Tubewell in hard rock area (100 mm dia x 70m depth) 1,48,000 17 Medium Tubewell (100 mm dia x 90 m depth) 1,59,200 18 Pump house (2.5m x 2.5m x 2.1m) 2,30,000	9	Shallow Tubewell (100 mm dia x 30 m depth) with PVC pipe	51,900
12 Shallow Tubewell (100 mm dia x70 m depth) with MS pipe 1,60,400 13 Shallow Tubewell (100 mm dia x70 m depth) with PVC pipe 1,16,700 14 Tubewell in hard rock area (100 mm dia x 55m depth) 1,13,400 15 Tubewell in hard rock area (100 mm dia x 45m depth) 92,400 16 Tubewell in hard rock area (100 mm dia x 70m depth) 1,48,000 17 Medium Tubewell (100 mm dia x 90 m depth) 1,59,200 18 Pump house (2.5m x 2.5m x 2.1m) 2,30,000	10	Shallow Tubewell (100 mm dia x 45 m depth) with MS pipe	1,04,400
13 Shallow Tubewell (100 mm dia x70 m depth) with PVC pipe 1,16,700 14 Tubewell in hard rock area (100 mm dia x 55m depth) 1,13,400 15 Tubewell in hard rock area (100 mm dia x 45m depth) 92,400 16 Tubewell in hard rock area (100 mm dia x 70m depth) 1,48,000 17 Medium Tubewell (100 mm dia x 90 m depth) 1,59,200 18 Pump house (2.5m x 2.5m x 2.1m) 2,30,000	11	Shallow Tubewell (100 mm dia x 45 m depth) with PVC pipe	76,400
14 Tubewell in hard rock area (100 mm dia x 55m depth) 1,13,400 15 Tubewell in hard rock area (100 mm dia x 45m depth) 92,400 16 Tubewell in hard rock area (100 mm dia x 70m depth) 1,48,000 17 Medium Tubewell (100 mm dia x 90 m depth) 1,59,200 18 Pump house (2.5m x 2.5m x 2.1m) 2,30,000	12	Shallow Tubewell (100 mm dia x70 m depth) with MS pipe	1,60,400
15 Tubewell in hard rock area (100 mm dia x 45m depth) 92,400 16 Tubewell in hard rock area (100 mm dia x 70m depth) 1,48,000 17 Medium Tubewell (100 mm dia x 90 m depth) 1,59,200 18 Pump house (2.5m x 2.5m x 2.1m) 2,30,000	13	Shallow Tubewell (100 mm dia x70 m depth) with PVC pipe	1,16,700
16 Tubewell in hard rock area (100 mm dia x 70m depth) 1,48,000 17 Medium Tubewell (100 mm dia x 90 m depth) 1,59,200 18 Pump house (2.5m x 2.5m x 2.1m) 2,30,000	14	Tubewell in hard rock area (100 mm dia x 55m depth)	1,13,400
17 Medium Tubewell (100 mm dia x 90 m depth) 1,59,200 18 Pump house (2.5m x 2.5m x 2.1m) 2,30,000	15	Tubewell in hard rock area (100 mm dia x 45m depth)	92,400
18 Pump house (2.5m x 2.5m x 2.1m) 2,30,000	16	Tubewell in hard rock area (100 mm dia x 70m depth)	1,48,000
	17	Medium Tubewell (100 mm dia x 90 m depth)	1,59,200
19 Delivery chamber (lumpsum) 46,200	18	Pump house (2.5m x 2.5m x 2.1m)	2,30,000
	19	Delivery chamber (lumpsum)	46,200

a. Pumpsets (with all accessories and transportation charge) Petrol start/ kerosene run

1	1.5 HP Pumpset	21,500
2	3/3.1 HP Pumpset	32,000
b	. Diesel Pump set	
	4 = UD Diogal Dump got	28 000

3	4.5 HP Diesel Pump set	28,900
4	5 HP Diesel Pump set	36,800
5	10 HP Diesel Pump set	54,600





Sl No.	Items of Investment	Indicative Unit Cost (Amt. in Rs.)
1	2	4

c. Electric Pumpset

6	2 HP Pump set	17,900
7	5 HP Pump set	26,300
8	10 HP Pump set	49,000
9	Low lift irr. for 20 Acre command area and 10 HP diesel	63,000
10	Low lift irr. for 10 Acre command area and 8 HP diesel Pumpset	52,000
11	Treadle Pumpset (20 m depth 40 mm dia tubewell with treadle	8,100
12	Rahat (18" axle - 50 Buckets)	12,600

d. Water Harvesting Tank

l	1	30m x 45m x 3m	403,000
	2	20m x 30m x 3m	180,000
	3	150ft x 100ft x 8ft	235,000

2. Farm Mechanisation

1	Tractors (30-35HP) including trailer	5,98,500-7,56,000
2	Tractors (above 35 HP & upto 50 HP) including trailer	7,87,500-8,40,000
3	Tractors (above 50 HP & upto 60 HP) including trailer	8,40,000-1,05,0000
4	Power tiller with trailor (12- 15 HP)	1,99,500-2,20,500
5	Tools & Implements	de la constitución
120	a) Thresher Single purpose (Tractor mounted)	1,57,500-1,94,300
304	b) Thresher multiple purpose (Tractor mounted)	1,68,000-1,94,300
100	c) Laser Land Leveller (Self propelled)	3,62,300
	d) Leveller with spring (Tractor mounted)	20,475-22,000
	e) Leveller without spring (Tractor mounted)	15,800-17,300
	f) Rotavator	86,100-1,89,000
	g) Disc Harrow	44,100-57,800
	h) Power Weeder	44,100-1,36,500
6	Paddy transplanter with cage wheel	3,90,000



Sl No.	Items of Investment	Indicative Unit Cost (Amt. in Rs.)
1	2	4
7	Combine Harvester	23,10,000
8	Reaper Combine	3,80,000
9	Zero Tillage / Seed-cum-Fertiliser drill / Multicrop Planter	63,000-68,300
10	Roto - Cultivator	60,900-65,100
11	Happy Seeder (9-11 Tyne)	1,50,000-1,58,000
12	Straw Baler (without Rack)	3,50,000
13	Straw Reaper	2,25,000

3. Land Development

1	Land Levelling 1 to 3%	23,200
2	On Farm Development(Per Ha)	35,300
3	Reclamation(Per Ha)	35,000
4	Dry Land Farming(Per Ha)	27,000
5	Farm Fencing (Per Ha)	82,300
6	Composting (Per Ha)	35,000

4. Animal Husbandry Dairy

a. Diary

1	CB cows (2 nos. without shed) Avg. Milk yield 10 ltrs.	1,31,500
2	CB cows (2 nos. without shed) Avg. Milk yield 10 ltrs. with Straw Bamboo Shed	1,63,800
3	CB cows (4 nos.) Avg. Milk yield 10 ltrs. with Straw Bamboo Shed	2,93,000
4	Graded Murrah buffaloes (2 nos. without shed) Avg. Milk yield 7-8 ltrs	1,10,200
5	Graded Murrah buffaloes (2 nos.) Avg. Milk yield 7-8 ltrs with Straw Bamboo Shed	1,56,800
6	Graded Murrah buffaloes (4 nos.) Avg. Milk yield 7-8 ltrs with Straw Bamboo Shed	2,92,300
7	Mini Dairy (5 Graded Murrah Buffaloes) with shed	3,36,600
8	Indigenous Cows (2 Nos.) Avg. Milk yield 5-6 ltrs.	85,000
9	Mini Dairy (5 cross breed cows) with shed , machinery/equipment, milking machine + 1 month working capital	4,25,600
10	Mini Dairy (10 cross breed cows) with construction of pucca shed, machinery/equipment + 1 month working capital	9,92,000

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Indicative Unit Cost For Different Farm Activities in Bihar for 2020-21		
Sl No.	Items of Investment	Indicative Unit Cost (Amt. in Rs.)
1	2	4
11	Mini Dairy (10 cross breed cows) with construction of pucca shed, machinery/equipment, milking machine + 1 month	10,71,000
12	Heifer Rearing (10 cross bred) with shed	2,52,000
b.	Sheep, Goat & Piggery	
1	Rearing of Local Breed Pigs (3+1 unit)	
2	Rearing of Cross Breed Pigs (3+1 unit)	42,000
3	Rearing of Cross Breed Pigs (10+1 unit)	1,99,000
4	Sheep Rearing (20 Ewes + 1 Ram)	1,24,600
5	Breeding cum Goat Rearing unit (Black Bengal 10+1) stall fed	1,00,000
6	Breeding cum Goat Rearing unit (Black Bengal 10+1) Non stall	84,000
7	Breeding cum Goat Rearing unit (Black Bengal 20+1) Non stall	1,46,700
c.	Poultry Development Broiler Unit	
1	Unit of 200 birds	46,000
2	Unit of 400 birds (once in once out)	90,800
3	Unit of 1000 birds (once in once out)- Commercial	4,52,600
4	Unit of 2000 birds (once in once out)- Commercial	9,37,500
5	Unit of 5000 birds (once in once out)- Commercial	16,40,000
d.	Layer Unit	
1	Unit of 200 birds- Low input-SHG/JLG Mode	89,900
2	Unit of 500 birds- Low input-SHG/JLG Mode	2,10,800
3	Hybrid Layer (Chicken) Units - 1000 Layer	7,89,000
4	Hybrid Layer (Chicken) Units - 2000 Layer	16,24,400
5	Hybrid Layer (Chicken) Units - 5000 Layer	46,80,000
6	250 birds small scale poultry farming model- cage system	1,37,000
5.	Fisheries / / / / / / / / / / / / / / / / / / /	State of the state
1,	New Pond with STW+PS/Ha (4-5 ft. excavation) with Chawkidar	9,44,000
2	Development of new pond in wet land area / Ha	5,26,000
3	Construciton of New Nursery Pond of 0.5 Acre (5' Excavation)	1,59,000
4	Renovation of existing ponds (4 ft excavation)/Ha	3,69,000
5	Renovation of 1 Hectare Govt.Tank with Chawkidar Shed	4,72,000



Sl No.	Items of Investment	Indicative Unit Cost (Amt. in Rs.)
1	2	4
6	Fish seed rearing through Nursery & rearing in existing ponds/Ha input	1,58,700
	a. Rearing tank only (per Ha)	6,37,000
	b. Rearing tank composite (Tank & seed rearing)	7,93,000
7	Drag Net	41,000
8	Gill Net	38,000
9	Gill Net+Boat	71,700
10	Fish seed Bank	4,29,600
11	Integrated fish farming with horticulture (per Ha)	6,36,000
12	Fish culture in existing ponds without excavation/Ha input	1,55,900
13	Fish Sheed Hatchery (8-10 million fry capacity)/ 3 Acre Carp	22,99,000
14	Fish seed production in existing Nursery & Rearing ponds	1,57,600
15	Fish Feed Mill (800 kg / day)	
-A	a. Fish Feed Mill + add big and small (BR)	12,57,600
	b. Feed Mill pelleted capacity 6 to 10 ton/hr	2,09,40,000
	c. Feed Mill capacity 1 to 5 quintal/day	1,10,2,500
16	Solar Pump + Borewell	1,318,400
17	Rearing tank (per Ha)	6,61,500
18	Production of Ornamental Fish/Aquatic Plants (new units)	
Vi.	a. Backyard Rearing Unit (Freshwater Ornamental Fish)	4,02,000
	b. Medi <mark>um Scale Rearing U</mark> nit (FW)	10,30,800
	c. Integrated Ornamental Fish UnIt (FW)	29,33,400
	d. Backyard rearing Unit (Marine Ornamental Fish)	3,78,400
	e. Integrated Ornamental Fish UnIt (Marine Ornamental Fish)	34,48,500
	f. Marine Oranamental Fish Demonstration Unit	1,22,61,600
1	g. Establisment of Freshwater oranamental Fish Brookband	
	h. Backyard Oranamental Aquatic Plant Unit	2,39,900



Sl No.	Items of Investment	Indicative Unit Cost (Amt. in Rs.)
1	2	4
19	Renovation of exiting ornamental fish units	
	a. Backyard Rearing Unit (Freshwater Oranamental Fish)	1,59,000
47	b. Medium Scale Rearing Unit (Freshwater Oranamental Fish)	4,19,600
	c. Integrated Oranamental Fish Unit (Marin Oranamental Fish)	13,18,700
20	Fabrication of Aquarium, Accessories, Trade and Marketing	
	a. Aquarium Fabrication cum Retal Unit	4,63,800
	b. Establisment of Oranamental Wholesale	1,04,60,000

NB: If tubewell is required to be included in Fisheries project the unit cost of tubewell as finalised in Minor Irrigation (Sr. no. 8 to 17) is to be considered.

6. Plantation & Horticulture

a. Fruits

1	Mango (Per Ha) (7.5m. X 7.5m. alongwith the cost of fencing)	1,47,500
2	Litchi (Per Ha) (alongwith the cost of fencing)	1,32,700
3	Guava (Per Ha) (alongwith the cost of fencing)	1,32,700
4	Citrus Fruits, Amla etc. (including cost of fencing) Per Ha.	1,32,700
5	Kagji Lime (Per acre)	65,600
6	Papaya (Per Ha) with fencing	1,06,400
7	Papaya Taiwan (Per Ha) with fencing	1,28,000
8	Pineapple (Per Ha)	1,80,000
9	Betelvine (per 0.4 acre)	21,400
10	Coconut (per acre)	54,200
11	Jack fruit (per acre)	31,900
12	Banana (Per Ha) with staking	1,15,700
13	Tissue culture banana (Per Ha) with staking	2,21,500
14	High density orchard- Mango, Litchi & Guava (60:20:20)	1,05,400
15	Green House-per 100 Sq. Meter	1,01,000
16	Shed Net (Tubler Structure)/ 100 Sq. Meter	75,100
17	Walk in Tunnel/ 100 Sq. Meter	63,500
18	Plastic Tunnel / 100 Sq.Meter	63,300
19	Stevia in one acre (under protected cultivation)	2,41,300
20	Makhana Cultivation in chaur land pond (one acre) without lease	55,100



Sl No.	Items of Investment	Indicative Unit Cost (Amt. in Rs.)
1	2	4
21	Makhana Cultivation in chaur land (one acre) with lease	65,300
22	Makhana Cultivation in renovated pond (one acre) without lease	38,200
23	Makhana Cultivation in renovated pond (one acre) with lease	45,400
24	Oyster Mushroom -30 beds	36,700
25	Bee Keeping (5 Colonies) - Italian bees	28,700
26	Bee Keeping (10 Colonies) - Italian bees	48,600
27	Cut Flower Cultivation (Per Ha)	1,10,200

b. Vegetable, Sericulture, Floriculture & MAP

1	Mulbery plantation & rearing of silk worm under irrigated	85,000
2	Tassar chawki rearing(both commercial & seed rearing)(0.1 ha)	19,000
3	Tassar composite sericulture(Terminal plantation)+silkworm(1 Ha)	43,000
4	Vegetable cultivation (0.5 Ha with handpump)	35,500
5	Gladiolus (Per acre) (under protected cultivation)	5,93,000
6	Rose (hybrid) 1 acre (under protected cultivation)	2,10,000
7	Tuberose (Per acre)	1,10,000
8	Jasmine Bela (Per acre)	42,000
9	Citronella/Geranium/Palmarosa/Lemon Grass/french Basil (Per acre)	36,700
10	Genda Flower/Marigold (Per acre)	52,500
11	Mentha (Per Ha)	48,000-60,000
12	Mentha Distillation Plant	22,00,0,000

7. Cold Storage and Godown New/Expansion Cold Storage(>2500 MT)

1	Cold Storage	
	a) Cold Storage Type 1- basic mezzanine structure with large chamber (of >250MT) type with single temperature zone.	7,770/MT -8400/MT
	b) Cold Storage Type 2 - PEB structure for multiple temperature and product use, more than 6 chambers (of <250 MT) and basic material handling equipment.	9,870/MT - 11025/MT
	c) Cold Storage Type 2 - with add on technology for Controlled Atmosphere	11,550/MT
2	Rural Godowns	
	a) Rural Godown(< 1000 MT)	5,000/MT
	b) Rural Godown (> 1000 MT)	4,700/MT



Sl No.	Items of Investment	(Amt. in Rs.)
1	2	4

8. Renewable Energy

1	Solar Pumps	
	a. Pump Capacity: up to 3 HP DC	90,000 (Rs/HP)
	b. Pump Capacity: >3 HP - 5 HP DC	81,000 (Rs/HP)
4	c. Pump Capacity: up to 3 HP AC	84,000 (Rs/HP)
	d. Pump Capacity: >3 HP - 5 HP AC	70,000 (Rs/HP)
2	Solar Photovaltaic Pumping System with boring	
	a. Pump Capacity: 3 HP	2,83,300
0	b. Pump Capacity: 5 HP	6,30,000
2	Solar Lighting Systems	2
	a. Solar Lamps	265 (Rs/Wp)
•	b. Solar Street Lights	
	(i) With Lead Acid battery	320 (Rs/Wp)
	(ii) With Li-ion battery	435 (Rs/Wp)
3	Standalone Solar Power Plants/Packs	
	a. Capacity: up to 10 kW and Battery back-up 6 hrs	105 (Rs/Wp)
	b. Capacity: up to 10 kW and Battery back-up 3 hrs	85 (Rs/Wp)
H	c. Capacity: up to 10 kW and Battery back-up 1 hr	75 (Rs/Wp)
	d. Capacity: Above 10 kW and up to 25 kW and Battery back-up 6 hrs	100 (Rs/Wp)
	e. Capacity: Above 10 kW and up to 25 kW and Battery back-up 3 hrs	80 (Rs/Wp)
	f. Capacity: Above 10 kW and up to 25 kW and Battery back-up 1 hr	66 (Rs/Wp)
4	Grid Connected Rooftop Solar Power Plants	
	a. Capacity: above 1 kW and up to 10 kW	66 (Rs/Wp)
1	b. Capacity: above 10 kW and up to 100 kW	60 (Rs/Wp)
	c. Capacity: above 100 kW and up to 500 kW	59 (Rs/Wp)



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