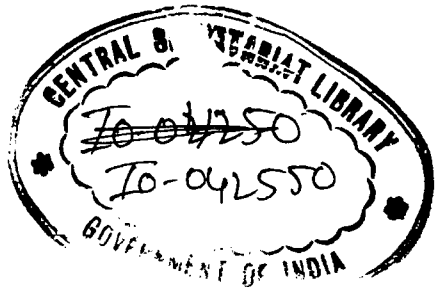


This volume contains the Statistical Appendices relating to the Third Five-Year Plan of Bihar State. Consolidated Statements A-I and A-II are followed by Statement A-III relating to individual head of development and details of Schemes. Statement B contains the details of Physical targets. Statement C contains details of projects costing Rs. 1 crore and above.

42.

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STATISTICAL APPENDICES

STATEMENT A-1.
DISTRIBUTION OF STATE PLAN OUTLAY BY HEADS.

[RS. IN LAKHS.]

Head.	Anticipated outlay, 1960-61.	Second Plan.		Third Plan.		Estimated foreign exchange.
		Original outlay.	Anticipated outlay.	Total.	Capital.	
1	2	3	4	5	6	7
1. AGRICULTURAL PROGRAMME.						
1.1 Agricultural Production	3,60.34	9,76.25	13,42.65	19,35.61	7,25.89	5.22
1.2 Minor Irrigation	2,00.00	3,99.91	8,27.00	8,33.91	8,33.91	..
1.3 Soil Conservation	44.59	2,74.13	1,61.56	2,50.04	12.60	..
1.4 Animal Husbandry	1,33.00	5,18.34	3,66.15	4,68.00	1,26.22	6.77
1.5 Dairying and Milk Supply	25.00	47.07	41.27	2,11.61	1,23.50	23.78
1.6 Forests	50.66	1,93.40	1,76.30	2,95.00	1,51.19	0.30
1.7 Fisheries	7.00	54.24	30.99	89.44	6.70	0.75
1.8 Warehousing .. ..	..	..	11.00	20.00	20.00	..
1.9 Marketing	2.85	9.19	5.57	30.00	..	0.40
TOTAL	8,23.44	24,77.53	29,62.50	41,38.61	20,05.01	37.22

**2. CO-OPERATION AND COMMUNITY
DEVELOPMENT.**

2.1 Co-operation	59.60	3,58.87	2,79.71	5,18.00	1,62.14	..
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2.2 Community Development	6,62.00	17,45.36	21,46.50	35,00.00	10,97.08	..
2.3 Panchayats	38.95	1,90.00	97.45	92.00
TOTAL ..	..	7,60.55	22,91.23	25,23.66	41,10.00	12,59.22	..

3. IRRIGATION AND POWER.

3.1 Irrigation ..	..	8,63.63	32,58.50	25,82.08	61,57.10	61,57.10	3,25.00
3.2 Flood Control ..	..	..	..	..	9,00.00	9,00.00	20.00
3.3 Power ..	..	5,92.0	26,85.17	31,24.48	70,62.00	70,62.00	41,30.70
TOTAL ..	..	14,55.63	59,43.67	57,06.56	1,41,19.10	1,41,19.10	44,75.70

4. INDUSTRY AND MINING

4.1 Large and medium industries ..	..	70.71	1,30.50	2,12.78	2,80.00	1,19.79	32.38
4.2 Mineral development ..	..	3.50	..	10.67	20.00	2.18	4.52
4.3 Village and small industries ..	..	1,67.79	11,00.36	6,84.22	11,03.00	4,77.88	9.00
TOTAL ..	..	2,42.00	12,30.86	9,07.67	14,03.00	5,99.85	45.90

5. TRANSPORT AND COMMUNICATIONS.

5.1 Roads ..	..	2,99.00	16,85.89	13,33.00	19,00.00	19,00.00	52.00
5.2 Road transport ..	..	17.00	1,18.75	30.18	2,00.00	2,00.00	..
5.3 Ports and harbours ..	..	..	..	..	..	..	..
5.4 Inland water transport ..	..	..	..	..	30.00	30.00	..
5.5 Tourism ..	..	0.50	..	1.26	10.00	7.20	..
TOTAL ..	..	3,16.50	18,04.64	13,64.44	21,40.00	21,37.20	52.00

STATEMENT A-1—concl.
DISTRIBUTION OF STATE PLAN OUTLAY BY HEADS

[RS. IN LAKHS.]

Head.	Anticipated outlay, 1960-61.	Second Plan.		Third Plan.		Estimated foreign exchange.
		Original outlay.	Anticipated outlay.	Total.	Capital.	
1	2	3	4	5	6	7
6. SOCIAL SERVICES.						
6.1 General Education	5,94.00	20,50.40	16,96.95	34,03.00	7,96.14	5.00
6.2 Technical Education	50.00	2,32.68	1,93.63	5,04.00	2,14.00	23.50
6.3 Scientific Research .. ..	..	..	..	..	..	..
6.4 Health	3,99.65	16,18.21	12,94.00	21,50.00	9,84.67	71.15
6.5 Housing	1,21.28	5,95.13	3,90.67	5,75.00	5,75.00	..
6.6 Welfare of Backward Classes	1,25.00	5,43.36	4,33.97	7,28.00	1,22.00	..
6.7 Social Welfare	10.00	62.57	31.95	35.24	..	..
6.8 Labour and Labour Welfare	40.24	73.48	1,06.00	2,80.00	85.20	30.00
6.9 Public Co-operation .. ..	..	..	..	0.25	..	..
TOTAL	13,40.17	51,75.83	41,47.17	76,75.49	27,77.01	1,29.65

7. MISCELLANEOUS.

7.1 Statistics	9.58	51.86	35.85	18.18
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7.2 Information and publicity	..	9.00	43.37	38.24	50.00	4.60	2.50
7.3 Local Bodies	50.00	50.00	..
7.4 State Capital projects	..	..	..	..	..	..	..
7.5 Others	..	..	..	..	..	..	..
TOTAL	..	18.58	95.23	74.09	1,18.18	54.60	2.50
GRAND TOTAL	..	49,56.87	1,90,21.99	1,76,86.09	3,37,04.38	2,29,51.99	47,42.97

Note—

- (1) 'Agricultural Production' includes 'Land development' and 'Consolidation of holdings'.
- (2) 'Soil Conservation' includes 'Dry farming', ; 'Panchayats' covers outlay for training, organisation, etc.
- (3) 'General education' includes 'cultural programmes'.
- (4) 'Health' includes 'Urban Water Supply and Sanitation' and 'Rural Water Supply'.
- (5) 'Local Bodies' includes grants and loans for development schemes to urban as well as rural local bodies not covered under other heads.

STATEMENT
PHASING OF TOTAL

Heads.	Anti- cipated outlay, 1956-61.	Anti- cipated outlay, 1960-61.	1961-62.		1962-63.	
			Total.	Capital.	Total.	Capital.
1	2	3	4	5	6	7
1. AGRICULTURAL PRODUCTION.						
1.1 Agricultural production ..	13.43	3.60	3.06	0.96	3.51	1.21
1.2 Minor Irrigation ..	8.27	2.00	0.75	0.75	2.73	2.73
1.3 Soil Conservation ..	1.62	0.44	0.30	0.02	0.49	0.02
1.4 Animal Husbandry ..	3.66	1.33	0.56	0.16	1.11	0.35
1.5 Dairy and milk supply ..	0.41	0.25	0.24	0.21	0.37	0.27
1.6 Forests ..	1.76	0.51	0.35	0.15	0.56	0.27
1.7 Fisheries	0.31	0.07	0.08	0.01	0.15	0.01
1.8 Warehousing	0.11	..	0.04	0.04	0.04	0.04
1.9 Marketing	0.06	0.03	0.03	..	0.05	..
TOTAL	29.63	8.23	5.41	2.30	9.01	4.90
2. CO-OPERATION AND COM- MUNITY DEVELOPMENT.						
2.1 Co-operation	2.80	0.60	0.61	0.19	1.30	0.63
2.2 Community Development ..	21.47	6.62	5.00	1.57	5.95	1.87
2.3 Panchayats	0.97	0.39	0.13	..	0.16	..
TOTAL	25.24	7.61	5.74	1.76	7.41	2.50
3. IRRIGATION AND POWER.						
3.1 Irrigation	25.82	8.63	9.70	9.70	14.98	14.98
3.2 Flood Control .. ..	..	5.92	3.27	3.27	3.41	3.41
3.3 Power	31.24	..	8.50	8.50	10.41	10.41
TOTAL	57.06	14.55	21.47	21.47	28.80	28.80

A-2.

STATE PLAN OUTLAY.

[RS. IN CRORES.]

1963-64.		1964-65.		1965-66.		Third Plan, 1961—66.		
Total.	Capital.	Total.	Capital.	Total	Capital.	Total.	Capital	Estimated foreign exchange.
8	9	10	11	12	13	14	15	16
4.01	1.49	4.26	1.64	4.52	1.96	19.36	7.26	0.05
3.13	3.13	0.92	0.92	0.86	0.86	8.39	8.39	..
0.54	0.03	0.57	0.03	0.60	0.03	2.50	0.13	..
1.15	0.40	0.92	0.20	0.94	0.15	4.68	1.26	0.07
0.45	0.31	0.53	0.20	0.53	0.24	2.12	1.23	0.24
0.63	0.33	0.67	0.36	0.74	0.40	2.95	1.51	0.003
0.17	0.01	0.19	0.02	0.22	0.02	0.89*	0.07	0.01
0.04	0.04	0.04	0.04	0.04	0.04	0.20	0.20	..
0.07	..	0.07	..	0.08	..	0.30	..	0.004
10.19	5.74	8.17	3.41	8.53	3.70	41.39	20.05	0.377
1.08	0.29	1.10	0.26	1.09	0.25	5.18	1.62	..
7.35	2.30	8.05	2.52	8.65	2.71	35.00	10.97	..
0.19	..	0.21	..	0.23	..	0.92	..	..
8.62	2.59	9.36	2.78	9.97	2.96	41.10	12.59	..
13.61	13.61	11.72	11.72	11.56	11.56	61.57	61.57	3.25
1.44	1.44	0.44	0.44	0.44	0.44	9.00	9.00	0.20
13.25	13.25	15.68	15.68	9.56	9.56	70.62**	70.62**	41.31
28.30	28.30	27.84	27.84	21.56	21.56	1,41.19	1,41.19	44.76

STATEMENT
PHASING OF TOTAL

Heads.	Anti- cipated, outlay, 1956-61.	Anti- cipated outlay, 1960-61.	1961-62.		1962-63	
			Total.	Capital.	Total.	Capital.
1	2	3	4	5	6	7
4. INDUSTRY AND MINING.						
4.1 Large and medium industry	2.13	0.71	0.34	0.16	0.51	0.22
4.2 Mineral Development ..	0.11	0.04	0.02	0.005	0.03	0.006
4.3 Village and small industries	6.84	1.68	1.32	0.78	1.98	1.00
TOTAL	9.08	2.43	1.68	0.94	2.52	1.23
5. TRANSPORT AND COMMUNICATION.						
5.1 Roads	13.33	2.99	2.75	2.75	3.43	3.43
5.2 Road Transport.. ..	0.30	0.17	0.50	0.50	0.58	0.58
5.3 Ports and Harbours .. ..	..	..	..	..	..	..
5.4 Inland water transport .. ..	..	..	..	..	..	..
5.5 Tourism	0.01	..	0.01	0.01	0.03	0.02
TOTAL	13.64	3.16	3.26	3.26	4.04	4.03
6. SOCIAL SERVICES.						
6.1 General Education	16.97	5.94	4.18	1.37	5.63	1.62
6.2 Technical Education	1.94	0.50	0.71	0.47	0.90	0.47
6.3 Scientific Research .. ..	..	..	..	..	..	..
6.4 Health	12.94	4.00	3.31	1.43	4.74	2.28
6.5 Housing	3.91	1.21	0.70	0.70	1.00	1.00
6.6 Welfare of Backward Classes	4.34	1.25	1.02	0.13	1.37	0.24
6.7 Social Welfare and Public.. Co-operation	0.32	0.10	0.05	..	0.03	..
6.8 Labour and Labour Welfare	1.06	0.40	0.39	0.29	0.47	0.27
TOTAL	41.48	13.40	10.36	4.39	14.14	5.88
7. MISCELLANEOUS.						
7.1 Statistics	0.36	0.10	0.02	..	0.04	..
7.2 Information and Publicity.. ..	0.38	0.09	0.06	..	0.10	0.02
7.3 Local Bodies .. ..	..	..	0.06	0.06	0.12	0.12
7.4 State Capital Projects .. ..	..	..	..	..	..	..
7.5 Others .. ..	..	..	..	..	..	..
TOTAL	0.74	0.19	0.14	0.06	0.26	0.14
GRAND TOTAL	1,76.87	49.57	48.06	34.18	66.18	47.48

REMARKS—

*Includes 0.08 crores for D. V. C.'s share, the yearwise break-up of which is not available.

**The break-up of D. V. C.'s share for 1962-63 onwards is not available.

@Yearwise break-up is not available.

@@ Includes Rs. 0.15 crores for (i) Care for Women and (ii) Social Welfare—Break-up not available.

A-2—concl'd.

STATE PLAN OUTLAY—concl'd.

[RS. IN CRORES.]

1963-64.		1964-65.		1965-66.		Third Plan, 1961-66.		
Total.	Capital.	Total.	Capital.	Total.	Capital.	Total.	Capital.	Estimated foreign exchange.
8	9	10	11	12	13	14	15	16
0.59	0.25	0.64	0.27	0.72	0.30	2.80	1.20	0.32
0.04	0.003	0.05	0.04	0.06	0.001	0.20	0.02	0.05
2.29	1.02	2.57	0.96	2.87	1.02	11.03	4.78	0.09
2.92	1.28	3.26	1.23	3.65	1.32	14.03	6.00	0.46
3.88	3.88	4.31	4.31	4.63	4.63	19.00	19.00	0.52
0.73	0.73	0.17	0.17	0.02	0.02	2.00	2.00	..
..
..	..	..	..	..	..	0.30@	0.30@	..
0.02	0.01	0.02	0.02	0.02	0.01	0.10	0.07	..
4.63	4.62	4.50	4.50	4.67	4.66	21.40	21.37	0.52
6.88	1.66	8.08	1.64	9.26	1.68	34.03	7.97	0.05
1.01	0.49	1.16	0.39	1.26	0.32	5.04	2.14	0.24
..
4.96	2.30	4.33	2.26	4.16	1.58	21.50	9.85	0.71
1.26	1.26	1.34	1.34	1.45	1.45	5.75	5.75	..
1.50	0.28	1.63	0.29	1.76	0.28	7.28	1.22	..
0.04	..	0.04	..	0.04	..	0.35@@	..	..
0.55	0.12	0.65	0.10	0.74	0.07	2.80	0.85	0.30
16.20	6.11	17.23	6.02	18.67	5.38	76.75	27.78	1.30
0.04	..	0.04	..	0.04	..	0.18	..	..
0.12	0.03	0.10	..	0.12	..	0.50	0.05	0.03
0.12	0.12	0.12	0.12	0.08	0.08	0.50	0.50	..
..
..
0.28	0.15	0.26	0.12	0.24	0.08	1.18	0.55	0.03
71.14	48.79	70.62	45.90	67.29	39.66	3,97.04	2,29.53	47.45

STATEMENT
LIST OF SCHEMES INCLUDED

Serial no.	Head of Development/ Name of Schemes.	Total estimated cost.	Anti- cipated out lay up to 1960-61.	Phasing of			
				1961-62.		1962-63.	
1	2	3	4	5	6	7	8
				Total.	Capital.	Total.	Capital.
1. AGRICULTURAL PROGRAMMES							
1.1 AGRICULTURAL PRODUCTION.							
SEED MULTIPLICATION AND DISTRIBUTION.							
<i>(i) Continuing Schemes.</i>							
1	Seed Multiplication Farm ..	4,40.13	3,74.83	9.08	8.83	11.41	10.85
2	District Agricultural Farm	1,08.45	63.64	2.87	2.72	2.48	2.28
3	Subdivisional Agricultural Farm			3.51	3.26	4.19	3.85
<i>(ii) New Schemes</i>							
4	Seed Multiplication Farm ..	10.81	..	1.90	..	2.07	..
5	Scheme for production of Hybrid Maize Seed.	5.00	..	0.50	..	0.75	..
TOTAL		5,64.39	4,38.47	17.86	14.81	20.90	16.98
SUPPLY SCHEMES AND PLANT PROTECTION-NEW SCHEMES.							
<i>(i) MANURES AND FERTILISERS</i>							
6	Distribution of Phosphatic Fertilizers and Bone meals.	1,41.50	..	10.00	..	22.00	..
7	Development of local manurial resources and Green Manuring.	78.78	..	10.32	..	13.56	1.40
8	Distribution of Urban Compost	30.16	..	5.56	..	5.78	..
9	Scheme for giving incentive to farmers on practising green manuring.	2.50	..	0.50	..	0.50	..
10	Pilot Scheme for conservation of Night-soil.	30.00	..	2.40	0.19	4.35	0.21
11	Expansion of Town Refuse Compost Scheme.	2.83	..	0.48	..	0.52	..
TOTAL		2,85.77	..	29.26	0.19	46.71	1.61

A-3.

IN THE THIRD FIVE-YEAR PLAN.

[RS. IN LAKHS.]

outlay, 1961—66.									
1963-64.		1964-65.		1965-66.		1961—66.		For- eign exchange.	Balance -of cost.
Total.	Capital.	Total.	Capital.	Total.	Capital.	Total.	Capital.		
9	10	11	12	13	14	15	16	17	18
13.00	12.75	14.50	14.50	17.31	17.31	65.30	64.24	..	..
3.00	2.90	3.25	3.25	2.50	2.50	14.10	13.65	..	..
6.00	5.80	6.40	6.40	10.61	10.61	30.71	29.92	..	..
2.23	..	2.28	..	2.33	..	10.81	..	..	..
1.00	..	1.25	..	1.50	..	5.00	..	0.20	..
25.23	21.45	27.68	24.15	34.25	30.42	1,25.92	1,07.81	0.20	..
32.00	..	37.50	..	40.00	..	1,41.50	..	..	..
15.66	1.40	17.52	2.20	21.72	6.00	78.78	11.00	..	..
6.55	..	6.00	..	6.27	..	30.16	..	..	..
0.50	..	0.50	..	0.50	..	2.50	..	..	..
6.20	2.00	7.60	2.00	9.45	3.90	30.00	8.30	..	..
0.60	..	0.61	..	0.62	..	2.83	..	..	..
61.51	3.40	69.73	4.20	78.56	9.90	2,85.77	19.30	..	..

STATEMENT

LIST OF SCHEMES INCLUDED IN

Serial no.	Schemes.	Total estimated cost.	Anticipated outlay up to 1960-61.	Phasing of			
				1961-62.		1962-63.	
				Total.	Capital.	Total.	Capital.
1	2	3	4	5	6	7	8
<i>(ii) PLANT PROTECTION—</i>							
12	Expansion of Plant Protection Scheme.	80.00	..	13.00	..	15.26	..
TOTAL		3,85.77	..	42.26	0.19	61.97	1.61
DEVELOPMENT OF COMMERCIAL CROPS AND HORTICULTURE.							
<i>(i) HORTICULTURE.</i>							
<i>New Schemes.</i>							
13	Horticulture Development Schemes including Seed Certification.	60.00	..	9.59	..	10.85	..
<i>(ii) SPECIAL COMMODITY PROGRAMME.</i>							
SUGARCANE DEVELOPMENT SCHEME—							
<i>Continuing Scheme</i>							
13A	Cane Development Schemes ..	81.26	80.06	0.06	0.06	1.14	1.14
<i>New Scheme.</i>							
14	Supervisory Staff for reserved areas of Sugar Factories.	6.00	..	1.75	..	1.17	..

A-3—contd.

THE THIRD FIVE-YEAR PLAN—contd.

[RS. IN LAKHS.]

outlay, 1961—66.									
1963-64.		1964-65.		1965-66.		1961—66.		Foreign exchange.	Balance of cost.
Total.	Capital.	Total.	Capital.	Total.	Capital.	Total.	Capital.		
9	10	11	12	13	14	15	16	17	18
16.92	..	17.09	..	17.73	..	80.00	..	..	..
78.43	3.40	86.82	4.20	96.29	9.90	3,65.77	19.30	..	..
12.86	..	13.25	..	13.45	..	60.00	..	..	..
..	1.20	1.20	..	..
1.20	..	1.03	..	0.85	..	6.00	..	0.40	..

STATEMENT
LIST OF SCHEMES INCLUDED

Serial no.	Schemes.	Total estimated cost.	Anticipated outlay up to 1960-61.	Phasing of out-			
				1961-62.		1962-63.	
				Total.	Capital.	Total.	Capital.
1	2	3	4	5	6	7	8
15	Assessment Unit ..	0.94	..	0.17	..	0.18	..
16	Scheme for Disease-free seed of improved varieties.	28.00	..	5.00	..	5.50	..
17	Cane Development Section ..	45.70	..	8.07	..	8.23	..
18	Premium and Transport charges of Sugarcane Seeds.	2.00	..	0.40	..	0.40	..
19	Provision of adequate manure of right type.	2.50	..	0.50	..	0.50	..
20	Award of Prizes ..	0.25	..	0.05	..	0.05	..
21	Development of Sugarcane cultivation at Banmankhi.	2.29	..	0.45	..	0.45	..
22	Watch and Ward Services ..	2.92	..	0.55	..	0.57	..
23	Intensive Compost Drive ..	0.70	..	0.14	..	0.14	..
24	Trained Technical personnel ..	1.05	..	0.20	..	0.20	..
25	Provision of soil extension services.	0.97	..	0.19	..	0.19	..
26	Eradication of Red-Tot disease of sugarcane.	5.43	..	1.08	..	1.08	..
27	Gur Development Scheme ..	3.23	..	0.62	..	0.63	..
28	Improvement of roads in the areas of sugar factories.	2,58.90	131.90	22.73	22.73	27.84	27.84
29	Loans to sugar mills for laying down tramway lines.	..	..	1.00	1.00	1.00	1.00
30	Introduction of pneumatic tyred carts on 1/3rd subsidy basis.	..	..	2.00	2.00	2.00	2.00
31	Survey and maturity harvesting of Sugarcane in Bihar.	..	..	4.39	..	2.03	..
	TOTAL ..	4,42.14	2,11.96	49.35	25.79	53.30	31.98

A-3—contd.

IN THE THIRD FIVE-YEAR PLAN—contd.

[RS. IN LAKHS.]

lay, 1961—66—contd.

1963-64.		1964-65.		1965-66.		1961—66.		Foreign exchange.	Balance of cost.
Total.	Capital.	Total.	Capital.	Total.	Capital.	Total.	Capital.		
9	10	11	12	13	14	15	16	17	18
0.19	..	0.20	..	0.20	..	0.94	..	..	..
5.50	..	6.00	..	6.00	..	28.00	..	..	..
9.18	0.80	9.54	1.00	10.68	2.00	45.70	3.80	..	..
0.40	..	0.40	..	0.40	..	2.00	..	..	..
0.50	..	0.50	..	0.50	..	2.50	..	..	..
0.05	..	0.05	..	0.05	..	0.25	..	..	..
0.46	..	0.46	..	0.47	..	2.29	..	..	..
0.59	..	0.60	..	0.61	..	2.92	..	..	..
0.14	..	0.14	..	0.14	..	0.70	..	..	..
0.21	..	0.22	..	0.22	..	1.05	..	..	..
0.19	..	0.20	..	0.20	..	0.97	..	..	..
1.09	..	1.09	..	1.09	..	5.43	..	..	..
0.65	..	0.66	..	0.67	..	3.23	..	..	..
32.96	32.96	36.48	36.48	39.99	39.99	1,60.00	1,60.00	..	..
1.00	1.00	1.00	1.00	1.00	1.00	5.00	5.00	..	..
2.00	2.00	2.00	2.00	2.00	2.00	10.00	10.00	..	..
2.12	..	2.19	..	2.27	..	13.00	..	..	..
58.43	36.76	62.76	40.48	67.34	44.99	2,91.18	1,80.00	0.40	..

STATEMENT

LIST OF SCHEMES INCLUDED

Serial no.	Schemes.	Total estimated cost.	Antici- pated outlay up to 1960-61.	Phasing of out-			
				1961-62.		1962-63.	
				Total.	Capital.	Total.	Capital.
1	2	3	4	5	6	7	8
32	Jute Development Scheme ..	34.73	..	7.11	..	7.04	..
33	Lac Development Scheme	12.70	..	2.03	..	2.14	..
34	Oil-seed Development ..	11.71	..	2.48	..	2.27	..
35	Tobacco Extension Service Scheme.	1.28	..	0.23	..	0.24	..
Total Development of Commercial crops.		5,02.56	2,11.96	61.20	25.79	64.99	31.98
TOTAL ..		5 62.56	2,11.96	70.79	25.79	75.84	31.98
AGRICULTURAL EDUCATION, EXTENSION AND TRAINING.							
AGRICULTURAL EDUCATION.							
<i>Continuing Scheme.</i>							
36	Exp. of M. Sc. Agril. Course at B. A. C., Sabour.	9.04	7.04	0.20	0.10	0.30	0.20
<i>New Scheme.</i>							
37	Exp. of M. Sc. Agril. Course at B. A. C., Sabour.	3.69	..	0.70	0.15	0.76	0.19
38	Introduction of M. Sc. (Agril.) course at Ranchi Agricultural College.	12.15	..	2.07	1.00	1.85	0.50
39	Scheme for post-Graduate Training of Agricultural Officers.	6.31	..	1.26	..	1.26	..
40	Establishment of Third Agricultural College at Dholi.	45.00	..	8.24	6.00	5.71	1.24
41	Expansion of Under-graduate course at B. A. C. Sabour.	16.88	..	1.53	0.01	2.19	0.99

A-3.—*contd.*IN THE THIRD FIVE-YEAR PLAN—*contd.*

[RS. IN LAKHS.]

lay, 1961—66—*contd.*

1963-64.		1964-65.		1965-66.		1961—66.		Foreign ex- change.	Balance. of cost.
Total.	Capital.	Total.	Capital.	Total.	Capital.	Total.	Capital.		
9	10	11	12	13	14	15	16	17	18
6.62	..	6.69	..	7.27	0.50	34.73	0.50	..	..
2.60	..	2.90	..	3.03	..	12.70	..	..	..
2.29	..	2.32	..	2.35	..	11.71	..	..	..
0.26	..	0.27	..	0.28	..	1.28	..	..	..
70.20	36.76	74.94	40.48	80.27	45.49	3,51.60	1,50.50	0.40	..
83.06	36.76	88.19	40.48	93.72	45.49	4,11.60	1,80.50	0.40	..
0.40	0.40	0.50	0.50	0.60	0.60	2.00	1.80	..	..
0.73	0.13	0.73	0.11	0.77	0.12	3.69	0.70	..	..
2.93	1.50	2.61	1.50	2.69	1.50	12.15	6.00	..	..
1.26	..	1.26	..	1.27	..	6.31	..	2.64	..
9.64	6.50	10.53	8.00	10.88	8.37	45.00	30.11	..	..
3.38	2.14	3.72	2.44	6.06	4.72	16.88	10.30	..	..

STATEMENT
LIST OF SCHEMES INCLUDED IN

Serial no.	Schemes.	Total estimated cost.	Anticipated outlay up to 1960-61.	Phasing of out-			
				1961-62.		1962-63.	
				Total.	Capital.	Total.	Capital.
1	2	3	4	5	6	7	8
42	Expansion of Under-graduate course at Ranchi Agricultural College.	20.09	..	1.38	..	4.21	2.41
43	Scheme for Refresher Training of the staff and Officers at B. A. C., Sabour.	0.20	..	0.04	..	0.04	..
44	Mali Training Scheme ..	2.05	..	0.41	..	0.41	..
45	Scheme for Training of Agricultural Teachers.	2.50	..	0.50	..	0.50	..
	TOTAL	1,17.91	7.04	16.33	7.26	17.23	5.53
AGRICULTURAL EXTENSION AND TRAINING.							
<i>Continuing Scheme.</i>							
46	Pre-service Training of Village Level Workers at Extension Training Centres.	18.36	14.86	0.43	0.38	1.12	1.12
47	Pre-service Training of Village Level Workers at Agricultural School.	51.53	47.53	2.00	2.00	2.00	2.00
<i>New Schemes.</i>							
48	Pre-service Training of Village Level Works at Extension Training Centres.	18.29	..	3.18	..	3.27	..
49	Pre-service Training of Village Level Workers at Agricultural School.	1,10.21	..	14.67	2.08	15.01	2.18
50	Constitution of Technical Education Board.	4.14	..	0.89	..	0.80	..

A-3—contd.

THE THIRD FIVE-YEAR PLAN—contd.

[RS. IN LAKHS.]

lay 1961—66.

1963-64.		1964-65.		1965-66.		1961—66.		Foreign exchange.	Balance of cost.
Total.	Capital.	Total.	Capital.	Total.	Capital.	Total.	Capital.		
9	10	11	12	13	14	15	16	17	18
3.85	1.90	4.89	2.89	5.76	3.90	20.09	11.10	..	..
0.04	..	0.04	..	0.04	..	0.20	..	..	..
0.41	..	0.41	..	0.41	..	2.05	..	..	..
0.50	..	0.50	..	0.50	..	2.50	..	..	..
23.14	12.57	25.19	15.44	28.98	19.21	1,10.87	60.01	2.64	..

1.30	1.30	1.15	1.15	..	..	4.00	3.95	..	..
..	..	..	..	..	..	4.00	4.00	..	..
3.36	..	3.60	0.15	4.88	1.35	18.29	1.50	..	..
23.96	10.89	26.31	13.00	30.26	16.71	1,10.21	44.86	..	..
0.81	..	0.82	..	0.82	..	4.14	..	..	..

STATEMENT
LIST OF SCHEMES INCLUDED

Serial no.	Schemes.	Total esti- mated cost.	Anti- cipated outlay upto 1960-61.	Phasing of outs			
				1961-62.		1962-63.	
				Total.	Capital	Total.	Capital.
1	2	3	4	5	6	7	8
51	Scheme for Re-orientation Train- ing of Farmers at B. A. C., Sabour.	0.45	..	0.09	..	0.09	..
52	Scheme for the Establishment of workshop at E. T. C., Muzaffarpur.	1.20	..	0.23	..	0.24	..
53	Scheme for the Establishment of Gramsevika Training Centre.	15.79	..	3.52	0.65	3.45	0.38
TOTAL		9.97	62.39	25.01	5.11	25.98	5.68
TOTAL—AGRICULTURAL EDUCATION EXTENSION AND TRAINING.		3,37.88	69.43	41.34	12.37	43.21	11.21
AGRICULTURAL RESEARCH, INFORMATION AND STA- TISTICS.							
AGRICULTURAL RESEARCH AND STATISTICS.							
New Schemes.							
EXPANSION OF SUGARCANE RESEARCH.							
54	Virus Residential Scheme ..	1.35	..	0.19	..	0.23	..
55	Microbiological Unit ..	1.02	..	0.43	..	0.14	..
56	Varietal Census Scheme ..	0.73	..	0.17	..	0.13	..
57	Research Sub-station at Chapra	2.88	..	0.54	..	0.55	0.14
58	Gur Industry ..	0.89	..	0.17	..	0.17	..

A-3—*contd.*IN THE THIRD FIVE-YEAR PLAN—*contd.*

[RS. IN LAKHS.]

lay, 1961—66—*contd.*

1963-64.		1964-65.		1965-66.		1961—66.		Foreign exchange.	Balance of cost.
Total.	Capital.	Total.	Capital.	Total.	Capital.	Total.	Capital.		
9	10	11	12	13	14	15	16	17	18
0.09	..	0.09	..	0.09	..	0.45	..	..	..
0.24	..	0.24	..	0.25	..	1.20	..	..	..
3.25	0.22	2.77	..	2.80	..	15.79	1.25	..	..
33.01	12.41	34.98	14.30	39.10	18.06	1,58.08	55.56	..	..
56.15	24.98	60.17	29.74	63.08	37.27	2,68.95	1,15.57	2.64	..
0.28	..	0.30	..	0.35	..	1.35	..	0.11	..
0.14	..	0.15	..	0.16	..	1.02	..	0.07	..
0.14	..	0.14	..	0.15	..	0.73	..	0.01	..
0.92	0.50	0.43	..	0.44	..	2.88	0.64	0.03	..
0.18	..	0.18	..	0.19	..	0.89	..	..	..

STATEMENT
LIST OF SCHEMES INCLUDED

Serial no.	Schemes.	Total esti- mated cost.	Anti- cipated outlay up to 1960-61.	Phasing of out-			
				1961-62.		1962-63.	
				Total.	Capital.	Total.	Capital.
1	2	3	4	5	6	7	8
59	Gur Grading	0.95	..	0.18	..	0.19	..
60	Sugarcane Research Scheme ..	3.55	..	0.58	..	0.64	..
61	Zonal Centres	15.62	..	3.09	..	2.99	..
TOTAL—EXPANSION OF SUGAR RESEARCH.		26.99	..	5.35	..	5.04	0.14
STRENGTHENING OF AGRICUL- TURAL RESEARCH.							
<i>Continuing Schemes.</i>							
62	Expansion of Regional Research Institutes.	31.05	23.55	1.37	1.37	5.63	5.63
63	Expansion of Irrigation Re- search Station.	8.85	7.96	0.50	0.50	0.39	0.39
64	Expansion of Agricultural En- gineering Research.	2.62	1.87	0.25	0.25	0.20	0.20
65	Expansion of Oilseeds Research	4.78	..	0.91	..	0.93	..
66	Scheme for Cytogenetical Re- search.	1.26	..	0.42	0.15	0.31	..
<i>New Schemes.</i>							
67	Scheme for Research in sys- tematic Botany.	1.26	..	0.42	0.15	0.31	..
68	Expansion of Central Research	7.74	..	1.15	0.60	3.05	1.30
69	Scheme for expansion of Carto- graphy Section of soil survey.	2.71	..	0.85	0.30	0.66	0.20
70	Agricultural Meteorological Research.	1.60	..	0.27	..	0.42	0.15

A-3.—*contd.*IN THE THIRD FIVE-YEAR PLAN—*contd.*

(RS. IN LAKHS.)

lay, 1961—66—*contd.*

1963-64.		1964-65.		1965-66.		1961—66.		Foreign exchange.	Balance of cost.
Total.	Capital.	Total.	Capital.	Total.	Capital.	Total.	Capital.		
9	10	11	12	13	14	15	16	17	18
0.19	..	0.19	..	0.20	..	0.95	..	..	..
0.71	..	0.78	..	0.84	..	3.55	..	..	..
3.09	..	3.18	..	3.27	..	15.62	..	..	..
5.65	0.50	5.35	..	5.60	..	26.99	0.64	0.22	..
0.50	0.50	..	..	..	..	7.50	7.50	..	..
..	..	..	..	..	..	0.89	0.89	..	..
0.20	0.20	0.10	0.10	..	..	0.75	0.75	..	..
0.96	..	0.98	..	1.00	..	4.78	..	..	..
0.17	..	0.18	..	0.18	..	1.26	0.15	0.04	..
0.17	..	0.18	..	0.18	..	1.26	0.15	..	..
1.14	..	1.18	..	1.22	..	7.74	1.90	..	..
0.52	0.10	0.33	..	0.35	..	2.71	0.60	0.05	..
0.30	..	0.30	..	0.31	..	1.60	0.15	0.04	..

STATEMENT
LIST OF SCHEMES INCLUDED

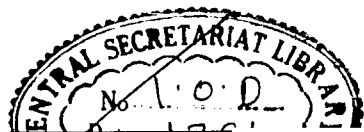
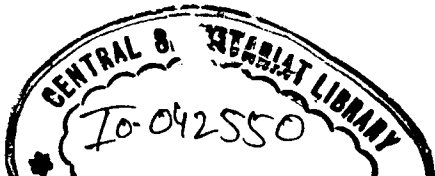
Serial no.	Schemes.	Total estimated cost.	Anti-cipated outlay upto 1960-61.	Phasing of out-			
				1961-62.		1962-63.	
				Total.	Capital.	Total.	Capital.
1	2	3	4	5	6	7	8
71	Expansion of Plant Pathological Research.	1.44	..	0.33	..	0.38	..
72	Expansion of Entomological Research.	2.09	..	0.55	..	0.37	..
73	Expansion of Horticultural Research.	2.36	..	0.40	..	0.60	..
74	Expansion of Agricultural Chemistry Research.	4.53	..	0.79	..	1.39	0.80
75	Expansion of Regional Research Institutes.	21.50	..	1.39	..	2.65	..
76	Expansion of Agronomical Research.	9.81	..	1.64	..	1.89	..
77	Expansion of Irrigation Research Station.	1.36	..	0.25	..	0.01	0.01
78	Virus Research Scheme ..	2.74	..	0.54	0.30	0.54	0.25
79	Expansion of Agricultural Engineering Research.	8.21	..	1.19	..	1.25	..
80	Expansion of Field Experimental Service.	18.69	..	3.13	..	3.20	..
TOTAL—STRENGTHENING OF AGRICULTURAL RESEARCH.		1,34.60	33.38	16.35	3.62	24.18	8.93
<i>Continuing Schemes.</i>							
81	Expansion of chillies and Tomato Research.	1.49	0.50	0.19	..	0.19	..
82	Expansion of Soil Survey Scheme.	5.86	5.56	0.15	0.15	0.15	0.15

A-3.—*contd.*IN THE THIRD FIVE-YEAR PLAN.—*contd.*

[RS. IN LAKHS.]

lay, 1961—66—*contd.*

1963-64.		1964-65.		1965-66.		1961—66.		Foreign ex- change.	Balance of cost.
Total.	Capital.	Total.	Capital.	Total.	Capital.	Total.	Capital.		
9	10	11	12	13	14	15	16	17	18
0.24	..	0.24	..	0.25	..	1.44	..	..	..
0.38	..	0.39	..	0.40	..	2.09	..	0.02	..
0.51	..	0.42	..	0.43	..	2.36	..	0.20	..
0.85	0.25	0.72	0.15	0.78	0.20	4.53	1.40	0.10	..
6.16	3.50	6.43	5.00	4.87	3.43	21.50	11.93	..	..
2.17	..	2.03	..	2.08	..	9.81	..	..	..
0.45	0.45	0.35	0.35	0.30	0.30	1.36	1.11	0.06	..
0.55	0.25	0.60	0.25	0.51	0.20	2.74	1.25	0.12	..
1.69	..	1.84	0.10	2.24	0.15	8.21	0.25	..	..
3.43	..	4.45	1.00	4.48	1.00	18.69	2.00	0.15	..
20.39	5.25	20.72	6.95	19.58	5.28	1,01.22	30.03	0.78	..
0.20	..	0.20	..	0.21	..	0.99	..	..	..
..	..	..	..	..	..	0.30	0.30	..	..



STATEMENT
LIST OF SCHEMES INCLUDED

Serial no.	Schemes.	Total esti- mated cost.	Anti- cipated outlay upto 1960-61.	Phasing of out-			
				1961-62.		1962-63.	
				Total.	Capital.	Total.	Capital.
1	2	3	4	5	6	7	8
<i>New Schemes.</i>							
83	Expansion of Rice Research ..	17.50	..	2.92	0.85	2.93	1.40
84	Scheme to equip the library under Agricultural Depart- ment with books and periodi- cals.	4.00	..	0.80	..	0.80	..
85	Expansion of soil survey scheme	18.00	..	3.18	..	3.66	0.45
86	Expansion of Agricultural Statistical Research.	4.22	..	1.08	..	1.50	1.00
87	Improvement of Agricultural Statistics.	5.74	..	0.93	..	1.05	..
88(a)	Improvement of land utilisation statistics.	6.86	..	1.10	..	1.34	..
	(b) Strengthening of Rationalised supervision scheme.	1.62	..	0.26	..	0.32	..
	(c) Standardisation of forms and improvement of fruits and vegetables.	1.17	..	0.19	..	0.23	..
89	Cost of production of rice ..	0.70	..	0.11	..	0.14	..
90	Strengthening of integrated scheme for improvement of market intelligence.	1.20	..	0.19	..	0.23	..
91	Scheme for Soil testing unit ..	9.02	..	1.09	..	2.92	2.06
92	Agronomic unit for farming operation.	3.98	..	0.77	..	0.76	..
93	Scheme for investigation and control of wilt of maize.	1.05	..	0.20	..	0.20	..

A-3.—*contd.*IN THE THIRD FIVE-YEAR PLAN.—*contd.*

[RS. IN LAKHS.]

lay, 1961—66—*contd.*

1963-64.		1964-65.		1965-66.		1961—66.		Foreign ex- change.	Balance of cost.
Total.	Capital.	Total.	Capital.	Total.	Capital.	Total.	Capital.		
9	10	11	12	13	14	15	16	17	18
3.62	2.05	3.67	2.05	4.36	2.70	17.50	9.05	..	..
0.80	..	0.80	..	0.80	..	4.00	..	..	..
3.64	0.30	3.70	0.30	3.82	0.40	18.00	1.45	..	..
0.52	..	0.55	..	0.57	..	4.22	1.00	0.30	..
1.20	..	1.26	..	1.30	..	5.74	..	..	..
1.44	..	1.47	..	1.51	..	6.86	..	..	..
0.33	..	0.34	..	0.37	..	1.62	..	..	..
0.24	..	0.25	..	0.26	..	1.17	..	..	..
0.14	..	0.15	..	0.16	..	0.70	..	..	..
0.25	..	0.26	..	0.27	..	1.20	..	..	..
1.62	0.60	1.65	0.50	1.74	0.65	9.02	3.91	0.18	..
0.79	..	0.82	..	0.84	..	3.98	..	..	..
0.21	..	0.22	..	0.22	..	1.05	..	..	..

STATEMENT
LIST OF SCHEMES INCLUDED

Serial no.	Schemes.	Total es ti- mated cost.	Anti- cipated outlay upto 1960-61.	Phasing of out-			
				1961-62.		1962-63.	
				Total.	Capital.	Total.	Capital.
1	2	3	4	5	6	7	8
94	Scheme for Appraisal of overall benefit of improvement in farming and possibilities of budgeting approach.	1.62	..	0.36	..	0.30	..
95	Scheme for enquiring into the factors influencing cropping patterns on individual holdings in Bihar.	0.65	..	0.32	..	0.33	..
96	Scheme for Agro-economic Research.	2.08	..	0.45	..	0.39	..
TOTAL—AGRICULTURAL RESEARCH AND STATISTICS.		2,48.35	39.44	35.99	4.62	46.66	14.13
ADMINISTRATIVE STAFF.							
<i>Continuing Scheme.</i>							
97	Expansion of District Extension Supervisory Staff.	41.28	34.28	1.00	1.00	2.00	2.00
<i>New Schemes.</i>							
(a) Implementation of the Nalagarh Committee's Recommendations—							
98	Expansion of Headquarters Supervisory Staff.	4.64	..	0.84	..	0.89	..
99	Expansion of District Extension Supervisory Staff.	50.90	..	8.90	2.75	8.59	..
100	Scheme for Regional Extension Supervisory Staff.	18.43	..	3.36	..	3.44	0.75
101	Scheme for Subdivisional Extension Supervisory Staff.	60.34	..	4.14	..	7.28	2.50
(b) Information—							
102	Agricultural Information Service	9.99	..	1.99	..	1.76	..
TOTAL—ADMINISTRATIVE STAFF		1,85.58	34.28	20.23	3.75	23.96	5.25
GRAND TOTAL—AGRICULTURAL RESEARCH INFORMATION AND STATISTICS.		4,33.93	73.72	56.22	8.37	70.62	19.38

A-3—contd.

IN THE THIRD FIVE-YEAR PLAN—contd.

[RS. IN LAKHS.]

lay, 1961—66—contd.

1963-64.		1964-65.		1965-66.		1961—66.		Foreign ex- change.	Balance of cost.
Total.	Capital.	Total.	Capital.	Total.	Capital.	Total.	Capital.		
9	10	11	12	13	14	15	16	17	18
0.31	..	0.32	..	0.33	..	1.62	..	..	..
..	..	..	..	..	..	0.65	..	..	..
0.41	..	0.41	..	0.42	..	2.08	..	..	..
41.76	8.70	42.14	9.90	42.36	9.03	2,08.91	46.38	0.48	..
4.00	4.00	..	..	..	..	7.00	7.00	..	..
0.93	..	0.98	..	1.00	..	4.64	..	..	..
7.67	..	12.93	5.00	12.81	5.25	50.90	13.00	..	..
3.51	0.75	3.58	1.25	4.54	2.14	18.43	4.89	..	..
11.46	6.50	17.64	12.50	19.82	14.50	60.34	36.00	..	..
2.29	..	2.05	..	1.90	..	9.99	..	0.50	..
29.86	11.25	37.18	18.75	40.07	21.89	1,51.30	60.89	0.50	..
71.62	19.95	79.32	28.65	82.43	30.89	3,60.21	1,07.27	0.98	..

STATEMENT
LIST OF SCHEMES INCLUDED

Serial no.	Schemes.	Total estimated cost.	Anti-cipated outlay up to 1960-61.	Phasing of out-			
				1961-62.		1962-63.	
				Total.	Capital.	Total.	Capital.
1	2	3	4	5	6	7	8
MISCELLANEOUS. •							
<i>New Schemes.</i>							
103	Distribution of Agricultural Implements.	12.50	..	2.50	..	2.50	..
104	Extension Measures ..	27.05	..	4.00	..	4.77	..
105	Agricultural Extension Blocks	19.61	..	16.29	..	3.32	..
106	Improved Cultural Practice ..	5.00	..	1.02	..	1.02	..
107	Scheme for Land Use Planning	1.00	..	0.20	..	0.20	..
108	Scheme for Intensive Agricultural District Programme.	1,50.00	..	27.52	10.12	32.11	9.72
TOTAL MISCELLANEOUS		2,15.16	..	51.53	10.12	43.92	9.72
109	Reclamation of waste land by manual labour for effecting conservation of Soil and Water in the areas rendered waste due to soil erosion.	..	6.67	5.60	5.60	7.64	7.64
110	Reclamation of culturable waste lands by tractors and other mechanical means for effecting conservation of soil and water in the areas rendered waste due to soil erosion,	..	36.00	17.50	17.50	22.10	22.10
111	Land resettlement and colonisation.	..	1.00	0.50	0.50	0.50	0.50
TOTAL ..		..	43.67	23.60	23.60	30.24	30.24
Consolidation of Holdings ..		20.00	5.13	2.40	..	4.40	..
GRAND TOTAL—LAND DEVELOPMENT.		26.00	48.80	26.00	23.60	34.64	30.24
GRAND TOTAL—AGRICULTURAL PRODUCTION AND LAND DEVELOPMENT.		24,99.69	8,42.38	3,06.00	95.25	3,51.10	1,21.12

A-3—*contd.*IN THE THIRD FIVE-YEAR PLAN—*contd.*

[RS. IN LAKHS.].

lay, 1961—66—*contd.*

1963-64.		1964-65.		1965-66.		1961—66.		Foreign ex- change.	Balance of cost.
Total.	Capital.	Total.	Capital.	Total.	Capital.	Total.	Capital.		
9	10	11	12	13	14	15	16	17	18
2.50	..	2.50	..	2.50	..	12.50	..	..	..
5.59	..	6.28	..	6.41	..	27.05	..	..	..
..	..	..	..	..	..	19.61	..	..	..
1.03	..	1.53	..	0.40	..	5.00	..	..	..
0.20	..	0.20	..	0.20	..	1.00	..	..	..
37.34	7.60	32.10	..	20.93	..	1,50.00	27.44	..	..
46.66	1.60	42.61	..	30.44	..	2,15.16	27.44	..	..
9.70	9.70	9.75	9.75	12.31	12.31	45.00	45.00	..	..
25.00	25.00	26.90	26.90	28.50	28.50	1,20.00	1,20.00	..	..
0.50	0.50	0.50	0.50	1.00	1.00	3.00	3.00	..	..
35.20	35.20	37.15	37.15	41.81	41.81	1,63.00	1,68.00	..	..
4.40	..	4.40	..	4.40	..	20.00	..	..	..
39.60	35.20	41.55	37.15	46.21	41.81	1,88.00	1,68.00	..	..
4,00.75	1,49.34	4,26.34	1,64.37	4,51.42	1,95.81	19,35.61	7,25.89	5.22	..

STATEMENT
LIST OF SCHEMES INCLUDED

Serial no.	Schemes.	Total estimated cost.	Anti-cipated outlay up to 1960-61.	Phasing of out-			
				1961-62.		1962-63,	
				Total.	Capital.	Total.	Capital.
1	2	3	4	5	6	7	8
1.2	MINOR IRRIGATION.						
	<i>New Schemes.</i>						
1	Installation of Tube-wells ..	22.10	..	2.30	2.30	6.12	6.12
2	Surface Percolation Wells ..	87.68	..	7.20	7.20	28.40	28.40
3	Open Boring with Strainer ..	32.40	..	1.50	1.50	10.30	10.30
4	Open Boring without Strainer	41.40	..	1.20	1.20	20.00	20.00
5	Rahat Pump ..	11.00	..	0.60	0.60	4.70	4.70
6	Medium Irrigation Schemes, 2nd Five-Year Plan.	174.80	..	18.40	18.40	72.68	72.68
7	Minor Ahar, Pynes and Bundhs	53.40	..	1.00	1.00	26.20	26.20
8	Distribution of Pumping Sets	46.43	..	1.50	1.50	21.99	21.99
9	Unified Minor Irrigation Agency	58.10	..	10.10	10.10	11.00	11.00
10	Irrigation Co-operations ..	2.96	..	0.60	0.60	0.76	0.76
11	Linsing Tube-wells ..	8.64	..	0.60	0.60	3.20	3.20
	TOTAL ..	5,38.91		45.00	45.00	2,05.35	2,05.35
12	Minor Irrigation ..	3,00.00		30.00	30.00	68.00	68.00
	TOTAL—MINOR IRRIGATION	8,38.91	..	75.00	75.00	2,73.35	2,73.35

A-3—*contd.*IN THE THIRD FIVE-YEAR PLAN—*contd.*

[RUPEES IN LAKHS.]

outlay, 1961—66— <i>contd.</i>									
1963-64.		1964-65.		1965-66.		1961—66.		Foreign ex- change.	Balance of cost.
Total.	Capital.	Total.	Capital.	Total.	Capital.	Total.	Capital.		
9	10	11	12	13	14	15	16	17	18
10.80	10.80	1.80	1.80	1.08	1.08	22.10	22.10	..	..
43.68	43.68	6.00	6.00	2.40	2.40	87.68	87.68	..	..
20.60	20.60	..	..	..	..	32.40	32.40	..	..
20.00	20.00	0.20	0.20	..	..	41.40	41.40	..	..
5.70	5.70	..	..	..	..	11.00	11.00	..	..
77.28	77.28	3.22	3.22	3.22	3.22	1,74.80	1,74.80	..	..
26.20	26.20	..	..	..	..	53.40	53.40	..	..
22.94	22.94	..	..	..	..	46.43	46.43	..	..
12.00	12.00	12.30	12.30	12.70	12.70	58.10	58.10	..	..
1.00	1.00	0.60	0.60	..	..	2.96	2.96	..	..
4.24	4.24	..	..	0.60	0.60	8.64	8.64	..	..
244.44	244.44	24.12	24.12	20.00	20.00	538.91	538.91	..	..
68.00	68.00	68.00	68.00	66.00	66.00	3,00.00	3,00.00	..	..
312.44	3,12.44	92.12	92.12	86.00	86.00	8,38.91	8,38.91	..	..

STATEMENT
LIST OF SCHEMES INCLUDED

Serial no.	Schemes.	Total estimated cost.	Antici- pated outlay up to 1960-61.	Phasing of			
				1961-62.		1962-63.	
				Total.	Capital.	Total.	Capital.
1	2	3	4	5	6	7	8
1.3 SOIL CONSERVATION.							
<i>New Schemes.</i>							
1	Soil Conservation Survey Plan Mapping.	5.00	..	0.93	..	0.93	..
2	Soil Conservation Hqrs. and Supervisory Staff.	31.46	..	5.27	..	5.66	..
3	Scheme for Demonstration of Agricultural Waste and Eroded Land.	25.00	..	2.50	..	5.40	..
4	Soil Conservation Extension work	53.54	..	4.00	..	12.24	..
5	Pilot Soil Conservation Demonstration on Projects on water land basis.	5.00	..	1.00	0.67	1.00	0.67
6	Expansion of Soil Conservation Research Stations at Ararea & Kanke.	4.22	..	0.65	0.08	0.78	0.08
7	Schemes for construction of percolation tanks and high level bundhs.	3.50	..	0.70	..	0.70	..
8	Scheme for Training in Soil Conservation.	2.32	..	0.55	..	0.55	..
9	Afforestation in Chotanagpur & S. P. outside D. V. C.	80.00	..	10.90	0.96	14.10	1.44
10	Afforestation incatchment of Irrigation Project.	10.00	..	0.50	0.12	1.50	0.18
11	Integrated Soil Conservation ..	5.00	..	..	..	1.00	..
12	Soil Conservation Kosi ..	25.00	..	3.00	..	5.00	..
TOTAL—SOIL CONSERVATION		250.04	..	30.00	1.83	48.86	2.37

A-3—*contd.*IN THE THIRD FIVE-YEAR PLAN—*contd.*

[RUPEES IN LAKHS.]

outlay, 1961—66— <i>contd.</i>									
1963-64.		1964-65.		1965-66.		1961—66.		Foreign exchange.	Balance of cost.
Total.	Capital.	Total.	Capital.	Total.	Capital.	Total.	Capital.		
9	10	11	12	13	14	15	16	17	18
1.01	..	1.05	..	1.08	..	5.00	..	..	..
6.60	..	6.73	..	7.20	..	31.46	..	..	..
5.60	..	5.70	..	5.80	..	25.00	..	..	..
12.33	..	12.44	..	12.53	..	53.54	..	..	..
1.00	0.67	1.00	0.67	1.00	0.97	5.00	3.35	..	..
0.96	0.09	0.89	..	0.94	..	4.22	0.25	..	..
0.70	..	0.70	..	0.70	..	3.50	..	..	..
0.55	..	0.34	..	0.33	..	2.32	..	..	..
16.69	1.76	18.18	1.84	20.13	2.00	80.00	8.00	..	..
2.00	0.22	3.00	0.23	3.00	0.25	10.00	1.00	..	..
1.25	..	1.25	..	1.50	..	5.00	..	..	..
5.00	..	6.00	..	6.00	..	25.00	..	..	..
53.89	2.74	57.28	2.74	60.21	2.92	250.04	12.60	..	..

STATEMENT
LIST OF SCHEMES INCLUDED

Serial no.	Schemes.	Total estimated cost.	Anticipated outlay up to 1960-61.	Percentage of			
				1961-62.		1962-63.	
				Total.	Capital.	Total.	Capital.
1	2	3	4	5	6	7	8
1.8 WAREHOUSING AND MARKETING.							
<i>New Schemes.</i>							
1	State Warehousing Corporation	20.00	..	4.00	4.00	4.00	4.00
2	Scheme for Development and Extension of Agricultural Marketing.	29.02	..	2.81	..	5.20	..
3	Scheme for exploratory marketing Centres at Dholi and Athmalgola.	0.98	..	0.19	..	0.19	..
TOTAL—WAREHOUSING AND MARKETING.		50.00	..	7.00	4.00	9.39	4.00
1.4 ANIMAL HUSBANDRY							
1	Scheme for Supervisory Staff ..	31.69	..	1.52	..	4.48	..
2	Scheme for implementation of recommendation of Nalagarh Committee.	5.03	..	..	..	0.97	..
3	Scheme for establishment of A. H. School at Gauriakarma.	5.24	1.67	0.70	..	0.71	..
4	Introduction of M. V. Sc. Course at B.V.C., Patna.	26.30	1.97	2.78	0.49	4.44	0.26
5	Estt. of 2nd Vety. College, Ranchi	56.70	7.62	3.05	..	15.36	0.42
6	Scheme for introduction of condensed course for Diploma Holders at Bihar Veterinary College, Patna.	2.22	..	..	..	0.53	..
7	Establishment Training of personnel in India and abroad.	2.97	..	0.21	..	0.60	..

A-3—*contd.*IN THE THIRD FIVE-YEAR PLAN—*contd.*

[RUPEES IN LAKHS.]

outlay, 1961—66—*contd.*

1963-64.		1964-65.		1965-66.		1961—66.		Foreign exchange.	Balance of cost.
Total.	Capital.	Total.	Capital.	Total.	Capital.	Total.	Capital.		
9	10	11	12	13	14	15	16	17	18
4.00	4.00	4.00	4.00	4.00	4.00	20.00	20.00	..	..
6.17	..	6.70	..	8.14	..	29.02	..	0.40	..
0.20	..	0.20	..	0.20	..	0.98	..	..	..
10.37	4.00	10.90	4.00	12.34	4.00	50.00	20.00	0.40	..
6.76	0.50	9.05	1.00	9.88	..	31.69	1.50	..	..
1.16	..	1.28	..	1.62	..	5.03	..	..	..
0.71	..	0.72	..	0.73	..	3.57	..	..	..
2.38	0.40	2.95	0.90	2.82	0.70	15.37	2.75	0.66	8.96
20.23	12.00	5.94	1.58	4.50	..	49.08	24.00	1.00	..
0.55	..	0.56	..	0.58	..	2.22	..	..	..
0.72	..	0.72	..	0.72	..	2.97	..	2.05	..

STATEMENT
LIST OF SCHEMES INCLUDED

Serial no.	Schemes.	Total estimated cost.	Anticipated outlay up to 1960-61.	Phasing of			
				1961-62.		1962-63.	
				Total.	Capital.	Total.	Capital.
1	2	3	4	5	6	7	8
8	Scheme for establishment of A.H. Schools for training of stockmen.	10.20	..	1.48	0.55	2.54	1.00
9	Scheme for expansion of Live-stock Research Station, Patna.	7.24	..	0.35	0.20	1.34	0.30
10	Scheme for Statistical Research in A. H. Department.	2.14	..	0.22	..	0.55	..
11	Scheme for establishment of Animal Production Research Institute.	7.73	..	0.63	0.50	1.89	1.00
12	I. C. of A. H. and other Research Schemes.	8.00	..	2.19	..	1.24	..
13	All-India Key-Village Scheme ..	58.69	..	11.21	0.09	15.85	1.69
14	Scheme for expansion and improvement of buildings of existing Live-stock Farms.	5.00	..	0.10	0.10	1.20	1.20
15	Scheme for expansion of Govt. Cattle Farms.	9.34	..	1.70	1.70	2.02	1.00
16	Scheme for establishment of bull rearing Farm.	10.12	..	2.40	2.25	3.29	2.37
17	Scheme for distribution of approved bulls.	29.88	..	2.10	..	8.34	..
18	Scheme for Mass castration of Scrub bulls.	6.24	..	0.37	..	1.35	..
19	Piggery Dev. Scheme ..	5.00	..	1.00	0.50	1.31	0.60
20	Scheme for production of fodder in Key villages.	8.90	..	0.32	..	2.75	..
21	Scheme for survey of fodder and grassland resources in Bihar.	1.70	..	0.36	..	0.32	..

A-3—contd.

IN THE THIRD FIVE--YEAR PLAN—contd.

[RUPEES IN LAKHS.]

outlay, 1961—66—contd.

1963-64.		1964-65.		1965-66.		1961—66.		Foreign exchange.	Balance of cost.
Total.	Capital.	Total.	Capital.	Total.	Capital.	Total.	Capital.		
9	10	11	12	13	14	15	16	17	18
2.56	1.00	2.03	0.45	1.59	..	10.20	3.00	..	..
2.25	0.50	1.61	..	1.69	..	7.24	1.00	1.07	..
0.46	..	0.45	..	0.46	..	2.14	..	0.25	..
2.34	1.30	1.84	0.70	1.03	..	7.73	3.50	0.09	..
1.12	..	1.60	..	1.85	..	8.00	..	..	..
9.10	1.21	11.05	1.21	11.48	1.10	58.69	5.30	0.02	..
1.40	1.40	1.60	1.60	0.70	0.70	5.00	5.00	..	..
2.39	0.30	1.79	..	1.44	..	9.34	3.00	..	..
1.69	0.35	1.32	..	1.42	..	10.12	4.97	..	..
1.64	..	4.88	..	4.92	..	29.88	..	..	..
1.53	..	1.49	..	1.50	..	6.24	..	..	..
1.11	0.30	1.08	..	1.40	..	5.90	1.40	..	..
2.04	..	1.89	..	1.90	..	8.90	..	..	..
0.33	..	0.34	..	0.35	..	1.70	..	0.06	..

STATEMENT
LIST OF SCHEMES INCLUDED

Serial no.	Schemes.	Total estimated cost.	Anticipated outlay up to 1960-61.	Phasing of			
				1961-62.		1962-63.	
				Total.	Capital.	Total.	Capital.
1	2	3	4	5	6	7	8
22	Expansion of the Scheme for production of fodder in Bihar (Hay Making Scheme).	5.16	..	0.51	0.15	0.62	..
23	Expansion of Veterinary services	135.02	68.33	5.45	5.00	5.50	4.50
24	Scheme for Establishment of Mobile Vety. Dispensary.	4.19	..	..	..	0.72	0.02
25	Scheme for Eradication of Rinderpest.	5.63	..	2.81	..	2.82	..
26	Scheme for building of 2nd Plan Gosadans.	7.75	6.75	0.10	0.10	0.25	0.25
27	Establishment of Gosadans and Charmalyas.	1.50	..	0.40	0.16	0.19	..
28	Scheme for Development of Goshalas in Bihar.	4.67	..	1.10	..	2.21	..
29	Scheme for Establishment of Sheep & Extension Centres.	6.99	..	0.59	0.36	1.07	0.36
30	Scheme for Establishment of 2nd Sheep Breeding Farm.	3.45	..	..	..	1.35	1.35
31	Expansion of Range Poultry Farms.	24.72	9.33	2.12	0.45	3.03	1.05
32	Establishment of Poultry Farms at Block Hqs. in Industrial Belts.	6.52	..	0.24	0.16	1.14	0.64
33	Completion & continuation of Poultry Extension Centres.	4.43	..	1.10	..	1.10	..
34	Expansion of 5 Poultry Extension Centres.	5.11	..	0.59	0.53	1.33	1.06
35	Scheme for manufacture and distribution of Poultry Food.	1.50	..	1.02	0.20	0.12	..
36	Scheme for collection and marketing of eggs.	4.25	..	0.61	..	0.79	..

A-3—contd.

IN THE THIRD FIVE-YEAR PLAN—contd.

[RUPEES IN LAKHS.]

outlay, 1961—66—contd									
1963-64.		1964-65.		1965-66.		1961—66.		Foreign ex- change.	Balance of cost.
Total.	Capital.	Total.	Capital.	Total.	Capital.	Total.	Capital.		
9	10	11	12	13	14	15	16	17	18
1.12	0.15	1.21	..	1.70	0.15	5.16	0.45	0.33	..
14.55	13.00	10.31	8.00	5.28	2.00	41.09	32.50	..	25.60
0.94	0.02	1.16	0.02	1.37	0.02	4.19	0.08	0.16	..
..	..	..	..	..	..	5.63	..	..	..
0.40	0.40	0.25	0.25	..	..	1.00	1.00	..	..
0.30	..	0.31	..	0.30	..	1.50	0.16	..	..
0.79	..	0.46	..	0.11	..	4.67	..	..	..
1.49	0.48	2.24	0.72	1.60	..	6.99	1.92	..	..
0.50	0.50	0.79	0.13	0.81	..	3.45	1.98	..	..
3.70	1.05	3.51	0.49	3.03	..	15.39	3.04	0.20	..
1.42	0.64	2.04	0.80	1.68	0.94	6.52	2.58	0.12	..
1.11	..	1.12	..	..	..	4.43	..	..	..
1.64	1.06	0.77	..	0.78	..	5.11	2.65	0.20	..
0.12	..	0.12	..	0.12	..	1.50	0.20	..	..
0.80	..	0.82	..	1.83	..	4.85	..	..	..

STATE

LIST OF SCHEMES INCLUDED

Serial no.	Schemes.	Total estimated cost.	Antici- pated outlay up to 1960-61.	Phasing of			
				1961-62.		1962-63.	
				Total.	Capital.	Total.	Capital.
1	2	3	4	5	6	7	8
37	Scheme for extending facilities to Poultry Breeders.	4.67	..	0.60	..	1.30	..
38	Scheme for Poultry Development staff.	3.28	..	0.09	..	0.38	..
39	Scheme for Establishment of Poultry Development Blocks.	3.49	..	0.49	0.13	0.58	0.13
40	Schemes for Establishment of Buck Extension Centre.	0.59	..	0.27	0.21	0.12	..
41	Scheme for encouraging and raising of Breeding work by Poultry Farmers.	1.91	..	0.41	..	0.63	..
42	Establishment of Zoological Garden at Patna.	39.54	15.00	3.00	2.08	4.64	3.00
43	Establishment of A. H. Information and Extension Service.	9.48	..	1.12	0.15	2.89	0.10
44	Scheme for improvement of existing slaughter house & meat market.	5.00	..	..	..	1.55	1.25
45	Scheme for control of stray and wild cattle.	1.00	..	..	..	..	..
46	Scheme for salvage of Dry Cattle	1.39	..	..	..	0.45	0.35
47	Scheme for assistance of Animal Welfare Work.	0.66	..	0.10	..	0.17	..
48	Scheme of mixed farming ..	17.00	..	0.58	..	3.52	0.36
49	Increasing efficiency of Vety. College and provision of residential accommodation to teaching staff.	2.50	..	..	..	1.10	1.10
TOTAL—ANIMAL HUSBANDRY		6,12.33	1,10.67	56.00	16.06	1,10.65	35.36

MENT A-3—*contd.*IN THE THIRD FIVE-YEAR PLAN—*contd.*

[RUPEES IN LAKHS.]

outlay, 1961—66.

1963-64.		1964-65.		1965-66.		1961—66.		Foreign exchange.	Balance of cost.
Total.	Capital.	Total.	Capital.	Total.	Capital.	Total.	Capital.		
9	10	11	12	13	14	15	16	17	18
1.31	..	0.98	..	0.48	..	4.67	..	..	..
0.66	..	0.95	..	1.20	..	3.28	..	..	..
0.68	0.13	1.26	0.26	0.48	..	3.49	0.65	0.50	..
0.07	..	0.07	..	0.06	..	0.59	0.21	0.04	..
0.36	..	0.38	..	0.13	..	1.91	..	..	..
3.06	1.00	2.26	..	11.58	9.49	24.54	15.57	..	..
3.09	0.05	0.68	..	1.70	..	9.48	0.30	0.02	..
1.70	1.20	1.75	1.75	..	..	5.00	4.20	..	..
0.54	..	0.23	..	0.23	..	1.00	..	..	..
0.18	0.10	0.38	..	0.38	..	1.39	0.45	..	..
0.16	..	0.12	..	0.11	..	0.66	..	..	..
3.23	..	3.46	..	6.20	..	17.00	0.36	..	..
0.85	0.85	0.55	0.55	..	..	2.50	2.50	..	..
1,15.24	39.89	92.37	20.41	93.74	14.50	4,68.00	1,26.22	6.77	34.56

STATE
LIST OF SCHEMES INCLUDED

Serial no.	Schemes.	Total esti- mated cost.	Antici- pated outlay up to 1960-61.	Phasing of			
				1961-62:		1962-63:	
				Total.	Capital.	Total.	Capital.
1	2	3	4	5	6	7	8
1.5 DAIRY AND MILK SUPPLY							
1	Hotwar Milk Supply-cum-Dairy Farm.	32.00	12.00	3.75	3.50	5.00	4.85
2	Patna Milk Supply Scheme ..	15.76	13.76	1.00	1.00	0.75	0.75
3	Rural Creamery, Barauni ..	7.60	5.60	1.00	1.00	0.75	0.75
4	Gaya Milk Supply Scheme ..	10.25	9.25	0.75	0.75	0.25	0.25
5	Re-organisation and expansion of Dairy Development Sector.	5.80	..	0.75	..	1.14	..
6	Survey Statistics ..	2.00	..	0.32	..	0.36	..
7	Training of Dairy Personnels	2.98	..	0.44	..	0.55	..
8	Setting up of Dairy Extension Units.	15.47	..	0.94	0.47	4.86	1.18
9	Removal of Milch animals from Arban areas.	40.00	..	9.32	9.32	6.61	6.61
10	Establishment of New Milk Supply Schemes.	45.00	..	2.00	2.00	5.15	4.15
11	Expansion of existing Dairy Projects.	65.00	..	3.25	2.75	9.95	8.95
12	Financial assistance to individual and co-operatives for purchase of better milch animals.	8.00	..	0.50	..	1.50	..
13	State Milk Board ..	0.75	..	0.07	..	0.16	..
14	Milk Co-operative Societies ..	1.61	..	0.31	..	0.32	..
TOTAL—DAIRY AND MILK SUPPLY		252.22	40.61	24.40	20.79	37.35	27.49

MENT A-3—*contd.*IN THE THIRD FIVE-YEAR PLAN—*contd.*

[RUPEES IN LAKHS.]

outlay 1961—66.

1963-64.		1964-65.		1965-66.		1961—66.		Foreign Exchange.	Balance of post.
Total.	Capital.	Total.	Capital.	Total.	Capital.	Total.	Capital.		
9	10	11	12	13	14	15	16	17	18
7.50	6.00	3.00	..	0.75	..	20.00	14.35	1.60	..
0.25	0.25	..	..	..	..	2.00	2.00	..	..
0.25	0.25	..	..	..	..	2.00	2.00	..	..
..	..	..	..	..	..	1.00	1.00	0.20	..
1.28	..	1.29	..	1.34	..	5.80	..	..	..
0.40	..	0.45	..	0.47	..	2.00	..	..	..
0.63	..	0.68	..	0.68	..	2.98	..	..	..
3.21	..	3.22	..	3.24	..	15.47	1.65	..	..
7.30	5.30	9.20	6.00	7.57	2.77	40.00	30.00	1.20	..
8.55	7.25	10.00	7.15	19.30	8.05	45.00	28.60	10.00	..
12.55	11.55	21.65	7.05	17.60	13.60	65.00	43.90	10.78	..
2.00	..	2.00	..	2.00	..	8.00	..	..	..
0.16	..	0.18	..	0.18	..	0.75	..	..	..
0.32	..	0.33	..	0.33	..	1.61	..	..	..
44.40	30.60	52.00	20.20	53.46	24.42	211.61	123.50	23.78	..

STATE
LIST OF SCHEMES INCLUDED

Serial no.	Schemes.	Total esti- mated cost.	Anti- cipated outlay upto 1960-61.	Phasing of			
				1961-62.		1962-63.	
				Total.	Capital.	Total.	Capital.
1	2	3	4	5	6	7	8
1.6 FORESTS.							
1	Economic Plantation.—						
	(i) Development of Teak Plantation.	11.00	..	1.00	..	1.98	..
	(ii) Development of Bamboo Plantation.	11.00	..	1.00	0.13	2.05	0.20
	(iii) Development of Match Wood Plantation.	1.00	..	..	..	0.25	..
	(iv) Afforestation in South and North Bihar.	58.14	..	10.11	0.60	11.00	0.90
2	Consolidation—						
	(i) Topographical Survey ..	5.00	..	..	..	1.25	..
	(ii) Consolidation of boundary lines.	5.61	..	..	..	1.40	1.40
3	Forest Resources Survey ..	3.35	..	..	..	0.75	..
4	Working Plan ..	5.40	..	..	..	1.35	..
5	Rehabilitation of degraded forests—						
	(i) Rehabilitation of rooted wastes.	10.75	..	1.00	..	2.00	..
	(ii) Fencing of regeneration areas.	5.00	..	..	..	1.10	..
	(iii) Intensification of manage- ment.	14.15	..	5.00	..	2.00	..
6	Grassing, etc.—						
	(i) Development of Pasture and fodder grass.	1.00	..	..	..	0.25	..
7	Nature conservation—						
	(i) Establishment of National Park in Palamau.	5.10	..	1.03	0.25	1.01	0.38

MENT A-3—*contd.*IN THE THIRD FIVE-YEAR PLAN—*contd.*

[RUPEES IN LAKHS.]

outlay 1961—66.

1963-64.		1964-65.		1965-66.		1961—66.		Foreign Exchange.	Balance of cost.
Total.	Capital.	Total.	Capital.	Total.	Capital.	Total.	Capital.		
9	10	11	12	13	14	15	16	17	18
2.42	..	2.75	..	2.85	..	11.00	..	..	..
2.25	0.23	2.85	0.26	2.85	0.28	11.00	1.10	..	..
0.25	..	0.25	..	0.25	..	1.00	..	..	..
11.43	1.10	12.35	1.15	13.25	1.25	58.14	5.00	..	..
1.25	..	1.25	..	1.25	..	5.00	..	..	..
1.40	1.40	1.40	1.40	1.41	1.41	5.61	5.61	..	..
0.75	..	0.85	..	1.00	..	3.35	..	..	..
1.35	..	1.35	..	1.35	..	5.40	..	..	..
2.30	..	2.70	..	2.75	..	10.75	..	..	..
1.20	..	1.35	..	1.35	..	5.00	..	..	..
2.15	..	2.50	..	2.50	..	14.15	..	..	..
0.25	..	0.25	..	0.25	..	1.00	..	..	..
1.02	0.46	1.02	0.48	1.02	0.53	5.10	2.10	..	..

STATE
LIST OF SCHEMES INCLUDED

Serial no.	Schemes.	Total estimated cost.	Anticipated outlay up to 1960-61.	Phasing of			
				1961-62.		1962-63.	
				Total.	Capital.	Total.	Capital.
1	2	3	4	5	6	7	8
8	Min Forest Produce.—						
	Exploitation of Minor Forest Produce.	0.80	..	..	..	0.15	..
9	Timber Operation, Seasoning and preservation plants—						
	(i) Establishment of pressure Treatment plant.	0.72	..	..	..	..	..
	(ii) Establishment of Departmental Depot.	10.48	..	1.00	..	2.48	..
10	Training of personnel—						
	(i) Improvement of Training facilities.	5.00	..	0.86	..	1.24	..
	(ii) Specialised training and study tours.	1.00	..	..	..	0.20	..
11	Forest Research Institute Establishment of oil laboratory.	1.00	..	..	..	0.40	0.14
12	Communication	85.20	..	8.00	8.00	15.15	15.15
13	Buildings	46.20	..	6.00	6.00	8.30	8.30
14	Labour Amenities	1.00	..	..	..	0.41	0.15
15	Publicity	2.10	..	..	..	0.40	0.19
16	Fire Protection	5.00	..	..	..	1.00	0.64
	TOTAL—FOREST ..	295.00	..	35.00	14.98	56.12	27.45
	1.7 FISHERIES.						
	<i>• New Schemes.</i>						
1	Fisheries Training School ..	2.68	..	0.50	..	0.76	..
2	Fisheries Research Scheme ..	5.00	..	0.65	..	1.02	..
3	Fisheries Dev. Schemes ..	64.10	..	5.35	..	11.51	..
	TOTAL—FISHERIES ..	71.78	..	6.50	..	13.29	..

MENT A-3--*contd.*IN THE THIRD FIVE-YEAR PLAN--*contd.*

[RUPEES IN LAKHS.]

outlay 1961--66.									
1963-64.		1964-65.		1965-66.		1961--66.		Foreign Exchange.	Balance of cost.
Total.	Capital.	Total.	Capital.	Total.	Capital.	Total.	Capital.		
9	10	11	12	13	14	15	16	17	18
0.17	..	0.23	..	0.25	..	0.80	..	..	..
..	..	..	..	0.72	0.72	0.72	0.72	..	..
2.00	..	2.00	..	3.00	..	10.48	..	..	..
1.14	..	0.94	..	0.82	..	5.00	..	..	..
0.25	..	0.25	..	0.30	..	1.00	..	0.30	..
0.20	0.16	0.20	0.18	0.20	0.19	1.00	0.67	..	..
18.90	18.90	20.60	20.60	22.55	22.55	85.20	85.20	..	..
9.70	9.70	10.60	10.60	11.60	11.60	46.20	46.20	..	..
0.19	0.18	0.20	0.19	0.20	0.23	1.00	0.75	..	..
0.50	0.22	0.60	0.23	0.60	0.25	2.10	0.89	..	..
1.50	0.73	1.00	0.76	1.50	0.82	5.00	2.95	..	..
62.57	33.08	67.49	35.85	73.82	39.83	295.00	151.19	0.30	..
0.47	..	0.47	..	0.48	..	2.68	..	..	..
1.05	..	1.13	..	1.15	..	5.00	..	..	..
13.58	..	15.48	..	18.18	..	64.10	..	0.75	..
15.10	..	17.08	..	19.81	..	71.78	..	0.75	..

STATE
LIST OF SCHEMES INCLUDED

Serial no.	Schemes.	Total estimated cost.	Anticipated outlay up to 1960-61.	Phasing of			
				1961-62.		1962-63.	
				Total.	Capital.	Total.	Capital.
1	2	3	4	5	6	7	8
4	Fisheriemens Co-operative Societies.	9.65	..	1.87	1.34	1.94	1.34
5	State Share D. V. C.'s Fisheries Share.	8.00	..	..	..	..	..
GRAND TOTAL ..		89.43	..	8.37	1.34	15.23	1.34
2. CO-OPERATION AND COMMUNITY DEVELOPMENT.							
2.1 CO-OPERATION.							
1 Village Societies—							
	(a) Revitalisation of New and Existing Societies	129.50	..	14.00	..	25.50	..
	(b) Spill-over subsidy to Societies revitalised in 2nd Plan.	8.76	4.73	4.03	..	3.23	..
	(c) Rebate to Credit Societies ..	5.00	..	1.00	..	1.00	..
	(d) Outright grant for credit to special Bad Debt Reserve.	39.00	..	..	..	5.00	..
	(e) Supervisory staff ..	12.47	5.69	0.75	..	1.58	..
	Total ..	194.73	10.42	19.78	..	36.31	..
2 Central Co-operative Banks—							
	(a) Managerial subsidy ..	1.40	1.53	0.34	..	0.58	..
	(b) Outright grant for Special Bad Debt Reserve.	13.00	..	..	..	1.50	..
3 State Co-operative Bank—							
	Managerial subsidy ..	0.41	..	0.20	..	0.14	..
4 Central Land Mortgage Bank—							
	Staff subsidy ..	2.94	1.09	0.33	..	0.56	..
	Total ..	17.75	2.62	0.87	..	2.78	..

*The yearwise break up of D. V. C.'s Schemes

MENT A-3—*contd.*IN THE THIRD FIVE-YEAR PLAN—*contd.*

[RUPEES IN LAKHS.]

outlay 1961—66.

1963-64.		1964-65.		1965-66.		1961—66.		Foreign exchange.	Balance of cost.
Total.	Capital.	Total.	Capital.	Total.	Capital.	Total.	Capital.		
9	10	11	12	13	14	15	16	17	18
1.95	1.34	1.95	1.34	1.95	1.34	9.66	6.70	..	..
..	8.00*	..	..	..
17.05	1.34	19.03	1.34	21.76	1.34	89.44	6.70	0.75	..
33.10	..	32.80	..	24.10	..	129.50	..	..	..
1.50	8.76	..	..	..
1.00	..	1.00	..	1.00	..	5.00	..	..	..
8.00	..	11.00	..	15.00	..	39.00	..	..	..
2.45	..	3.38	..	4.31	..	12.47	..	..	..
46.05	..	48.18	..	44.41	..	194.73	..	..	..
0.36	..	0.12	..	..	..	1.40	..	..	..
2.50	..	4.00	..	5.00	..	13.00	..	..	..
0.07	0.41	..	..	..
0.68	..	0.69	..	0.68	..	2.94	..	..	..
3.61	..	4.81	..	5.68	..	17.75	..	..	..

State Share is not available.

STATE
LIST OF SCHEMES INCLUDED

Serial no.	Schemes.	Total estimated cost.	Anticipated outlay up to 1960-61.	Phasing of			
				1961-62.		1962-63.	
				Total.	Capital.	Total.	Capital.
1	2	3	4	5	6	7	8
5 Marketing—							
(a) Primary Marketing Societies—							
	(i) Share Capital Contribution	12.50	..	2.50	2.50	2.50	2.50
	(ii) Godowns	25.00	..	3.50	2.63	6.50	4.88
	(iii) Managerial subsidy ..	3.72	2.42	0.36	..	0.66	..
	(iv) Spill-over managerial subsidy for 2nd Plan Societies.	1.00	..	0.40	..	0.35	..
	(b) Rural godowns ..	50.00	5.40	10.00	7.50	10.00	7.50
	(c) Grading organisations for Marketing Societies.	0.55	..	0.07	..	0.12	..
	Total	92.77	7.82	16.83	12.63	20.13	14.88
6 Processing—							
	(a) Cold storages	20.00	..	..	..	4.00	3.00
	(b) Jute bailing Plants, Share Capital.	4.00	1.00	..	..	1.00	1.00
	(c) Fruit Preservation & Caning Units, Share Capital Contribution.	2.00	..	0.40	0.40	0.40	0.40
	(d) Manure Mixing Units ..	1.00	..	0.20	0.20	0.20	0.20
	(e) Other Processing Units ..	5.00	..	..	..	1.25	1.00
	(f) Managerial subsidy for Processing Units.	0.74	..	0.04	..	0.11	..
	Total	32.74	1.00	0.64	0.60	6.96	5.60

MENT A-3—*contd.*IN THE THIRD FIVE-YEAR PLAN—*contd.*

[RUPEES IN LAKHS.]

outlay 1961—66.

1963-64.		1964-65.		1965-66.		1961—66.		Foreign exchange.	Balance of cost.
Total.	Capital.	Total.	Capital.	Total.	Capital.	Total.	Capital.		
9	10	11	12	13	14	15	16	17	18
2.50	2.50	2.50	2.50	2.50	2.50	12.50	12.50	..	..
5.00	3.75	5.00	3.75	5.00	3.75	25.00	18.76	..	..
0.90	..	0.90	..	0.90	..	3.72	..	..	..
0.25	..	..	..	..	..	1.00	..	..	..
10.00	7.50	10.00	7.50	10.00	7.50	50.00	37.50	..	..
0.12	..	0.12	..	0.12	..	0.55	..	..	..
18.77	13.75	18.52	13.75	18.52	13.75	92.77	68.76	..	..
3.00	6.00	4.00	3.00	4.00	3.00	20.00	15.00	..	..
1.00	1.00	1.00	1.00	1.00	1.00	4.00	4.00	..	..
0.40	0.40	0.40	0.40	0.40	0.40	2.00	2.00	..	..
0.20	0.20	0.20	0.20	0.20	0.20	1.00	1.00	..	..
1.25	1.00	1.25	1.00	1.25	1.00	5.00	4.00	..	..
0.18	..	0.21	..	0.20	..	0.74	..	..	..
11.03	8.60	7.06	5.60	7.05	5.60	32.74	26.00	..	..

STATE
LIST OF SCHEMES INCLUDED

Serial no.	Schemes.	Total estimated cost.	Anticipated outlay up to 1960-61.	Phasing of			
				1961-62.		1962-63.	
1	2	3	4	Total.	Capital.	Total.	Capital.
7 Co-operative Sugar Factories—							
	Share Capital Contribution ..	27.63	..	..	..	27.63	27.63
8 Co-operative Farming—							
	(a) Loan to Co-operative Farms	10.00	..	2.00	2.00	2.00	2.00
	(b) Share Capital contribution of Co-operative Farms.	5.00	..	1.00	1.00	1.00	1.00
	(c) Godowns ..	12.50	..	2.50	1.88	2.50	1.87
	(d) Managerial subsidy to Co-operative Farms.	2.50	..	0.25	..	0.45	..
	(e) Training in Co-operative Farming.	7.15	..	1.15	..	1.50	..
	Total ..	37.15	..	6.90	4.88	7.45	4.87
9 Training and Education—							
	(a) Training of subordinate personnels.	15.39	50.019	3.00	..	3.04	..
	(b) Construction of building for Subordinate Training School.	6.00	..	..	..	6.00	6.00
	(c) Training of non-officials ..	20.00	2.72	3.20	..	3.68	—
	(d) Refresher training for departmental officers.	1.00	..	0.20	..	0.20	—
	(e) Grants to State Co-operative Union.	2.50	0.51	0.50	..	0.50	—
	(f) Prizes, study tours, publicity and propaganda.	2.50	0.10	0.50	..	0.50	—
	Total ..	47.39	53.249	7.40	..	13.92	6.00

MENT A-3—contd.

IN THE THIRD FIVE-YEAR PLAN—contd.

[RUPEES IN LAKHS.]

outlay 1961—66.

1963-64.		1964-65.		1965-66.		1961—66.		Foreign exchange.	Balance of cost.
Total.	Capital.	Total.	Capital.	Total.	Capital.	Total.	Capital.		
9	10	11	12	13	14	15	16	17	18
..	..	..	..	..	..	27.63	27.63	..	..
2.00	2.00	2.00	2.00	2.00	2.00	10.00	10.00	..	..
1.00	1.00	1.00	1.00	1.00	1.00	5.00	5.00	..	..
2.50	1.88	2.50	1.87	2.50	1.88	12.50	9.38	..	..
0.60	..	0.60	..	0.60	..	2.50	..	..	..
1.50	..	1.50	..	1.50	..	7.15	..	..	..
7.60	4.88	7.60	4.87	7.60	4.88	37.15	24.38	..	..
3.08	..	3.12	..	3.15	..	15.39	..	..	..
..	..	..	..	..	..	6.00	6.00	..	..
4.04	..	4.38	..	4.70	..	20.00	..	..	..
0.20	..	0.20	..	0.20	..	1.00	..	..	..
0.50	..	0.50	..	0.50	..	2.50	..	..	..
0.50	..	0.50	..	0.50	..	2.50	..	..	..
8.32	..	8.70	..	9.05	..	47.39	6.00	..	..

STATE
LIST OF SCHEMES INCLUDED

Serial no.	Schemes.	Total estimated cost. up to. 1960-61.	Anticipated outlay up to. 1960-61.	Phasing of			
				1961-62.		1962-63.	
				Total.	Capital.	Total.	Capital.
1	2	3	4	5	6	7	8
10	Consumer's Co-operatives-						
	(a) Primary stores-						
	(i) Share Capital Contribution	3.75	..	0.75	0.75	0.75	0.75
	(ii) Managerial subsidy	..	2.34	..	0.27	..	0.45
	(b) Wholesale Stores-						
	(i) Share Capital contribution	1.25	..	0.25	0.25	0.25	0.25
	(ii) Managerial subsidy	..	0.13	..	0.02	..	0.02
	Total ..	..	7.47	..	1.29	1.00	1.47
11	Additional Departmental Staff	50.37	28.809	5.75	..	9.52	..
12	Relief & Guarantee fund	..	5.00	0.50	1.00	..	1.00
13	Miscellaneous Scheme-						
	(a) Rickshaw puller's Co-operative Societies loan and grant.	2.50	..	0.50	0.38	0.50	0.37
	(b) Co-operative Printing Press Loan.	2.50	..	..	..	2.50	2.50
	Total ..	..	5.00	..	0.50	0.38	3.00
	CO-OPERATION TOTAL	..	518.00	104.518	60.96	19.49	130.17
2.2	COMMUNITY DEVELOPMENT-						
1	Community Development	..	1,745.36	2,116.50	500.00	156.73	595.00
2.3	PANCHAYATS-						
1	Panchayats	..	92.00	..	13.00	..	16.00

MENT A-3—*contd.*IN THE THIRD FIVE-YEAR PLAN—*contd.*

[RUPEES IN LAKHS.]

outlay 1961—66.

1963-64.		1964-65.		1965-66.		1961—66.		Foreign- exchange.	Balance of cost.
Total.	Capital.	Total.	Capital.	Total.	Capital.	Total.	Capital.		
9	10	11	12	13	14	15	16	17	18
0.75	0.75	0.75	0.75	0.75	0.75	3.75	3.75	..	..
0.54	..	0.54	..	0.54	..	2.34	..	..	..
0.25	0.25	0.25	0.25	0.25	0.25	1.25	1.25	..	..
0.03	..	0.03	..	0.03	..	0.13	..	..	..
1.57	1.00	1.57	1.00	1.57	1.00	7.47	5.00	..	..
10.03	..	11.69	..	13.38	..	50.37	..	..	..
1.00	..	1.00	..	1.00	..	5.00	..	..	..
0.50	0.38	0.50	0.37	0.50	0.38	2.50	1.88	..	..
..	..	..	..	..	..	2.50	2.50	..	..
0.50	0.38	0.50	0.37	0.50	0.38	5.00	4.38	..	..
108.48	28.61	109.63	25.59	108.76	25.61	518.00	162.14	..	..
735.00	230.39	805.00	252.33	865.00	271.13	3,500.00	1,097.08	..	..
19.00	..	21.00	..	23.00	..	92.00	..	..	..

STATE

LIST OF SCHEMES INCLUDED

Serial no.	Name of Scheme.	Total estimated cost.	Antici- pated outlay up to 1960-61.	Phasing of			
				1961-62.		1962-63.	
				Total.	Capital.	Total.	Capital.
1	2	3	4	5	6	7	8
3 IRRIGATION AND POWER.							
3.1 IRRIGATION (MAJOR AND MEDIUM).							
<i>A—Schemes carried over from Second Plan.</i>							
<i>(i) MAJOR SCHEMES.</i>							
1	Kosi Project (Irrigation) ..	24,81.00	4,27.00	4,50.00	4,50.00	4,50.00	4,50.00
2	Gandak Project ..	40,47.00	1,35.00	1,50.00	1,50.00	4,00.00	4,00.00
3	Sone Barrage Project ..	14,43.00	1,73.22	1,00.00	1,00.00	2,50.00	2,50.00
	TOTAL ..	79,71.00	7,35.22	7,00.00	7,00.00	11,00.00	11,00.00
<i>(ii) MEDIUM SCHEME.</i>							
1	Budua Reservoir Project (Bhagalpur).	3,39.00	2,30.39	70.50	70.50	30.00	30.00
2	Morwa Reservoir Project (Monghyr).	40.39	10.00	15.00	15.00	10.00	10.00
3	Ranchi Weir Scheme (Ranchi)	93.48	47.80	15.00	15.00	20.00	20.00
4	Kohira Dam Scheme (Shahabad)	56.84	51.33	4.50	4.50	0.91	0.91
5	Roro Irrigation Scheme (Singhbhum).	92.12	10.21	10.00	10.00	35.00	35.00
6	Kamla Weir Scheme (Darbhanga).	48.67	36.57	10.00	10.00	2.10	2.10
7	Lump provision for other continuing Scheme.	..	..	10.00	10.00	-15.00	15.00
8	Sone Remodelling Scheme (Shahabad).	261.00	144.00	(Will be	117 lakhs to	be	
	TOTAL ..	931.50*	5,30.30	1,35.00	1,35.00	1,13.01	113.01

*This is exclusive of the total estimated cost for the Lump provision for other continuing scheme which is not available.

MENT A-3—contd.

IN THE THIRD FIVE-YEAR PLAN—contd.

[RUPEES IN LAKHS.]

outlay 1961—66.

1963-64.		1964-65.		1965-66.		1961—66.		Foreign ex- change.	Balance of cost.
Total.	Capital.	Total.	Capital.	Total.	Capital.	Total.	Capital.		
9	10	11	12	13	14	15	16	17	18
3,00.00	3,00.00	..	..	..	..	12,00.00	12,00.00	20.00	..
4,50.00	4,50.00	5,00.00	5,00.00	5,00.00	5,00.00	20,00.00	20,00.00	1,21.00	19,12.00
2,50.00	2,50.00	3,00.00	3,00.00	3,00.00	3,00.00	12,00.00	12,00.00	50.00	70.00
10,00.00	10,00.00	8,00.00	8,00.00	8,00.00	8,00.00	44,00.00	44,00.00	1,91.00	19,82.00
8.11	8.11	..	..	..	..	1,08.61	108.61	15.00	..
5.39	5.39	..	..	..	..	30.39	30.39	..	..
10.68	10.68	..	..	..	..	45.68	45.68	..	..
..	..	..	..	..	..	5.41	5.41	..	..
36.91	36.91	..	..	..	..	81.91	81.91	..	..
..	..	..	..	..	..	12.10	12.10	..	..
3.00	3.00	..	..	..	..	28.00	28.00	..	;
61.00	61.00	..	..	..	..	3,12.10	3,12.10	15.00	

financed out of Some Barrage Scheme.

STATE
LIST OF SCHEMES INCLUDED

Serial no.	Schemes.	Total estimated cost.	Anticipated outlay up to 1960-61.	Phasing of			
				1961-62.		1962-63.	
				Total.	Capital.	Total.	Capital.
1	2	3	4	5	6	7	8
B—New Schemes.							
I. MAJOR SCHEME.							
KOSI PROJECT.							
(1)	Western Kosi Canal System	1,200.00	..	20.00	20.00	40.00	40.00
(2)	Irrigation of area between Kosi eastern embankment and Bhenge Dhar (Shaharsa District).	500.00	..	25.00	25.00	60.00	60.00
(3)	Investigation Kothar Dam	..	..	5.00	5.00	5.00	5.00
	TOTAL	1,700.00	..	50.00	50.00	1,05.00	1,05.00
II. MEDIUM SCHEMES.							
1	Underasthan Scheme (Gaya)	79.00	..	10.00	10.00	25.00	25.00
2	Kokro Irrigation Schme(Ranchi)	16.25	..	5.00	5.00	10.00	10.00
3	Khudia Weir Scheme (Dhanabd)	50.00	..	10.00	10.00	20.00	20.00
4	A r a j Irrigation Scheme (Palamau).	16.25	..	5.00	5.00	10.00	10.00
5	Banki Left Irrigation (Palamau)	25.00	..	5.00	5.00	10.00	10.00
6	Sona Weir Scheme (Singhbhum)	38.00	..	..	..	5.00	5.00
7	Bijoy Weir Scheme (Singhbhum)	13.00	..	..	..	5.00	5.00
8	Kanla Irrigation Scheme (Darbhanga).	61.00	..	10.00	10.00	20.00	20.00
9	Chandan Reservoir Project (Bhagalpur).	2,79.00	..	10.00	10.00	20.00	20.00
10	Gumani Dam Scheme (Santhal Parganas).	2,00.00	..	5.00	5.00	10.00	10.00
11	Ajoy Valley Barrage Sikha (Santhal Parganas).	3,00.00	..	..	..	..	..

MENT A-3—*contd.*IN THE THIRD FIVE-YEAR PLAN—*contd.*

[RUPEES IN LAKHS.]

outlay 1961—66.

1963-64.		1964-65.		1965-66.		1961—66.		Foreign ex- change.	Balance of cost.
Total.	Capital.	Total.	Capital.	Total.	Capital.	Total.	Capital.		
9	10	11	12	13	14	15	16	17	18
40.00	40.00	50.00	50.00	50.00	50.00	2,00.00	2,00.00	20.00	..
60.00	60.00	60.00	60.00	45.00	45.00	2,50.00	2,50.00	..	..
5.00	5.00	5.00	5.00	5.00	5.00	25.00	25.00	..	..
1,05.00	1,05.00	1,15.00	1,15.00	1,00.00	1,00.00	4,75.00	4,75.00	20.00	..
30.00	30.00	14.00	14.00	..	..	79.00	79.00	5.00	..
1.25	1.25	..	..	..	..	16.25	16.25	..	..
20.00	20.00	..	..	..	..	50.00	50.00	5.00	..
1.25	1.25	..	..	..	..	16.25	16.25	..	..
10.00	10.00	..	..	..	..	25.00	25.00	2.00	..
10.00	10.00	20.00	20.00	3.00	3.00	38.00	38.00	..	..
8.00	8.00	..	..	..	..	13.00	13.00	..	..
20.00	20.00	11.00	11.00	..	..	61.00	61.00	..	..
25.00	25.00	66.00	66.00	89.00	89.00	2,10.00	2,10.00	15.00	69.00
14.71	14.71	22.80	22.80	63.99	63.99	1,16.50	1,16.50	10.00	83.50
2.00	2.00	11.00	11.00	12.00	12.00	25.00	25.00	20.00	2,75.00

STATE
LIST OF SCHEMES INCLUDED

Serial no.	Schemes.	Total estimated cost.	Antici- pated outlay up to 1960-61.	Phasing of			
				1961-62.		1962-63.	
				Total.	Capital.	Total.	Capital.
1	2	3	4	5	6	7	8
12	Barnar Reservoir Project (Monghyr).	2,00.00	..	10.00	10.00	15.00	15.00
13	Souroo Dam Scheme (Singhbhum).	66.50	..	5.00	5.00	15.00	15.00
14	Banki Right Irrigation Scheme (Palamau).	20.00	..	5.00	5.00	10.00	10.00
15	Mohane Weir Scheme (Hazari- bagh, Gaya) .	1,65.00	..	..	..	..	..
16	Mokamah Tal Scheme (Patna)	1,00.00	..	..	..	..	..
17	Investigation of Medium Irrigation Scheme.	20.00	..	5.00	5.00	5.00	5.00
TOTAL		.. 16,49.00	..	85.00	85.00	1,80.00	1,80.00
GRAND TOTAL		.. 1,22,51.50	12,65.52	9,70.00	9,70.00	14,98.01	14,98.01

**3.2 FLOOD CONTROL (SPILL-OVER)
SCHEME.**

1	Kosi Flood Control (State I Spill-over).	19,94.50	2,72.00	2,47.00	2,47.00	2,53.00	2,53.00
2	Embankment on right side of Gandak from Pipraghat and Chitaunighat.	40.37	20.37	0.75	0.75	3.50	3.50
3	Embankment on left bank of Burhi Gandak from Akhara- ghat to Raghopur.	9.26	7.26	0.50	0.50	1.00	1.00
4	Embankment on both banks of river Kamla Balan from Jhan- jharpur to Darjia.	33.98	15.98	4.00	4.00	3.00	3.00
5	Embankment on left bank of river Bagmati from Sirsia to Phuhia.	16.00	11.00	1.00	1.00	3.00	3.00

MENT A-3—contd.

IN THE THIRD FIVE YEAR-PLAN—contd.

[RUPEES IN LAKHS.]

outlay 1961—66.

1963-64.		1964-65.		1965-66.		1961—66.		Foreign exchange.	Balance of cost.
Total.	Capital.	Total.	Capital.	Total.	Capital.	Total.	Capital.		
9	10	11	12	13	14	15	16	17	18
20.00	20.00	50.00	50.00	55.00	55.00	1,50.00	1,50.00	15.00	50.00
20.00	20.00	26.50	26.50	..	..	66.50	66.50	7.00	..
5.00	5.00	..	..	..	..	20.00	20.00	2.00	..
..	..	20.00	20.00	23.50	23.50	43.50	43.50	15.00	1,21.50
..	..	10.00	10.00	10.00	10.00	20.00	20.00	..	80.00
5.00	5.00	5.00	5.00	..	..	20.00	20.00	3.00	..
1,92.21	1,92.21	2,56.30	2,56.30	2,56.49	2,56.49	9,70.00	9,70.00	99.00	6,79.00
13,61.30	13,61.30	11,71.30	11,71.30	11,56.49	11,56.49	61,57.10	61,57.10	3,25.00	26,61.00
1,00.00	1,00.00	..	..	..	..	6,00.00	6,00.00	20.00	..
2.02	2.02	13.73	13.73	..	..	20.00	20.00	..	..
0.50	0.50	..	..	..	..	2.00	2.00	..	..
6.00	6.00	..	..	..	..	18.00	18.00	..	..
1.00	1.00	..	..	..	..	5.00	5.00	..	..

STATE
LIST OF SCHEMES INCLUDED

Serial no.	Schemes.	Total estimated cost.	Anticipated outlay up to 1960-61.	Phasing of					
				1961-62.		1962-63.			
				Total. Capital.	Total. Capital.	Total. Capital.	Total. Capital.		
1	2	3	4	5	6	7	8		
6	Flood control system of Adh-wara System, Phase II.	72.41	68.41	0.75	0.75	2.00	2.00		
7	Embankment on right bank of Bagmati from Hayaghat to Karachin.	1,09.22	1,05.22	0.75	0.75	2.50	2.50		
8	Embankment along right bank of Bagmati from Hayaghat to Sirsia.	82.00	78.00	0.75	0.75	2.50	2.50		
9	Embankment along right bank of river Burhi Gandak from Dhanouti to Panaur.	45.27	44.27	0.02	0.02	0.25	0.25		
10	Embankment along left bank of river Burhi Gandak from outfall of Sijua nala to Panapur.	63.52	61.52	0.50	0.50	1.50	1.50		
11	Patna Protection Scheme including proposed regulator (Schemes costing less than 10 lakhs).	20.00	15.00	0.75	0.75	2.50	2.50		
12	Construction of two lines embankment along Sakri.	8.00	4.00	0.75	0.75	2.00	2.00		
13	Construction of 2 lines of embankment for preventing spilling of the Badua river.	8.00	6.00	0.50	0.50	1.00	1.00		
1	Other continuing schemes of Second Five-Year Plan, Lump provision.	..	..	3.98	3.98	11.25	11.25
TOTAL	25,02.53	7,09.03	2,62.00	2,62.00	2,94.00	2,94.00
NEW SCHEMES.									
15	Extension of Kosi Flood embankment.	3,80.00	..	50.00	50.00	30.00	30.00		
16	Gumrai Dam Flood Control portion (S.P.).	20.00	..	..	..	..	..

MENT A-3—contd.

IN THE THIRD FIVE-YEAR PLAN—contd.

[RUPEES IN LAKHS.]

outlay 1961—66.

1963-64.		1964-65.		1965-66.		1961—66.		Foreign -exchange.	Balance of cost.
Total.	Capital.	Total.	Capital.	Total.	Capital.	Total.	Capital.		
9	10	11	12	13	14	15	16	17	18
1.25	1.25	..	..	..	..	4.00	4.00	..	..
0.75	0.75	..	..	..	..	4.00	4.00	..	..
0.75	0.75	..	..	..	..	4.00	4.00	..	..
0.73	0.73	..	..	..	..	1.00	1.00	..	..
..	..	..	..	..	..	2.00	2.00	..	..
1.00	1.00	0.75	0.75	..	..	5.00	5.00	..	..
1.00	1.00	0.25	0.25	..	..	4.00	4.00	..	..
0.50	0.50	..	..	..	..	2.00	2.00	..	..
8.50	8.50	5.27	5.27	..	..	29.00	29.00	..	..
1,24.00	1,24.00	20.00	20.00	..	..	7,00.00	7,00.00	20.00	..
..	..	..	..	..	..	80.00	80.00	..	..
..	..	..	..	20.00	20.00	20.00	20.00	..	..

STATE
LIST OF SCHEMES INCLUDED

Serial no.	Schemes.	Total estimated cost.	Anti-cipated outlay upto 1960-61.	Phasing of			
				1961-62.		1962-63.	
				Total.	Capital.	Total.	Capital.
1	2	3	4	5	6	7	8
17	Rehabilitation of population falling in between the newly-constructed flood protection embankment (Phase II).	20.00	..	3.00	3.00	3.50	3.50
18	Embankment on the right bank of river Bagmati from Karachin to Badlaghat.	90.48	..	5.00	5.00	5.50	5.50
19	Embankment on the right bank of river Sikrahtna from Chanpatia Raliway bridge to sub-fall river Dhanauti Sikrahtna.	60.75	..	5.00	5.00	5.00	5.00
20	Extension of Karhagola embankment on the river Ganga.	7.00	..	2.00	2.00	2.00	2.00
21	Retired line and loop bundh, lump provision.	3.00	..	..	..	..	..
22	Drainage scheme costing above Rs. 50 thousand each.	10.00	..	..	..	1.00	1.00
TOTAL ..		.. 5,91.23	..	65.00	65.00	47.00	47.00
GRAND TOTAL ..		.. 30,93.76	..	3,27.00	3,27.00	3,41.00	3,41.00

3.3 POWER.**A. STATE SCHEME.****I. CONTINUING SCHEME.**

1	Brauni Steam Power Station (2 x 15 M.W.)	3,09.00	1,24.00	1,00.00	1,00.00	71.00	71.00
2	Maithon-Sultanganj Transmission.	1,96.67	1,54.11	28.00	28.00	14.56	14.56
3	Patratu Steam Power Station (2 x 50 M.W.)	1,282.00	75.00	1,00.00	1,00.00	3,15.00	3,15.00
4	Railway Electrification	4,00.00	2,69.64	1,00.00	1,00.00	..	..

MENT A-3—contd.

IN THE THIRD FIVE-YEAR PLAN—contd.

[RUPEES IN LAKHS.]

outlay 1961—66.

1963-64.		1964-65.		1965-66.		1961—66.		Foreign exchange.	Balance of cost.
Total.	Capital.	Total.	Capital.	Total.	Capital.	Total.	Capital.		
9	10	11	12	13	14	15	16	17	18
5.00	5.00	6.00	6.00	2.50	2.50	20.00	20.00	..	..
7.00	7.00	7.00	7.00	5.50	5.50	30.00	30.00	..	60.48
5.00	5.00	5.00	5.00	10.00	10.00	30.00	30.00	..	30.75
1.00	1.00	2.00	2.00	..	..	7.00	7.00	..	..
1.00	1.00	1.00	1.00	1.00	1.00	3.00	3.00	..	..
1.00	1.00	3.00	3.00	5.00	5.00	10.00	10.00	..	..
20.00	20.00	24.00	24.00	44.00	44.00	2,00.00	2,00.00	..	91.23
1,44.00	1,44.00	44.00	44.00	44.00	44.00	9,00.00	9,00.00	20.00	91.23
14.00	14.00	..	..	..	..	1,85.00	1,35.00	1,82.00	..
..	..	..	..	..	..	42.56	42.56	21.70	..
4,50.00	4,50.00	2,92.00	2,92.00	50.00	50.00	12,07.00	12,07.00	7,00.00	..
..	..	..	..	..	..	1,00.00	1,00.00	60.00	..

STATE
LIST OF SCHEMES INCLUDED

Serial no.	Schemes.	Total estimated cost.	Anti-cipated outlay up to 1960-61.	Phasing of			
				1961-62.		1962-63.	
				Total.	Capital.	Total.	Capital.
1	2	3	4	5	6	7	8
II. NEW SCHEME.							
1	Barauni Extension, 1 × 15+ 2 × 30 M. W.	7,00.00	25.00	40.00	40.00	1,30.00	1,30.00
2	Patratu extension 3 × 50 M.W.	14,00.00	..	..	..	2,00.00	2,00.00
	(a) Patratu extension, 2 × 50 M.W.	10,00.00	..	..	..	..	..
3	Gandak Project, 3 × 5 M.W. ...	2,02.00	..	..	..	5.00	5.00
4	Kosi Project, 4 × 5 M.W. ..	2,20.00	..	5.00	5.00	15.00	15.00
5	Transmission and Distribution—						
	(2) Transmission ..	8,31.00	..	1,00.00	1,00.00	2,00.50	2,00.50
	(3) Distribution ..	1,69.00	..	1,50.00	1,50.00	19.00	19.00
6	Rural Electrification ..	3,00.00	..	40.00	40.00	61.66	61.66
7	Investigation and Small Hydel	40.00	..	5.00	5.00	7.00	7.00
8	Acquisition of supply under- taking and loan licensee.	10.00	..	1.00	1.00	2.00	2.00
	TOTAL—'A'	70,59.67	6,47.75	6,69.00	6,69.00	10,40.72	10,40.72
B. CENTRAL SECTOR.							
2	(a) Patratu extension, 2 × 50 M.W.	10,00.00	..	..	..	50.00	50.00
	TOTAL—(A and B)	80,59.67	6,47.75	6,69.00	6,69.00	10,90.72	10,90.72
C. SHARE D. V. C.							
2	State Sector ..	..	..	1,81.00	1,81.00	..	..
2	Central Sector ..	..	..	..	..	..	..
	TOTAL—D.V.C.	..	..	..	..	..	..
	GRAND TOTAL A, B and C	80,59.67	6,47.75	8,50.00	8,50.00	10,90.72	10,90.72

* Included in item 2, column 17 above.

† Yearwise break up of the State share for D. V. C. included in the State Plan for the year 1962-63 onward is not available.

** This includes Rs. 9,33.00 lakhs as central share of Patratu extension and Central share for D. V. C. excluding this amount of Rs. 9,33 lakhs, Rs. 70,62.00 lakhs has been shown in the State Plan.

MENT A-3—contd.

IN THE THIRD FIVE-YEAR PLAN—contd.

[RUPEES IN LAKHS.]

outlay 1961—66.

1963-64.		1964-65.		1965-66.		1961—66.		Foreign exchange.	Balance of cost.
Total.	Capital.	Total.	Capital.	Total.	Capital.	Total.	Capital.		
9	10	11	12	13	14	15	16	17	18
1,50.00	1,50.00	2,45.00	2,45.00	1,10.00	1,10.00	6,75.00	6,75.00	4,00.00	..
3,00.00	3,00.00	6,80.00	6,80.00	5,87.00	5,87.00	17,67.00	17,67.00	15,50.00	..
..
30.00	30.00	40.00	40.00	56.44	56.44	1,31.44	1,31.44	40.00	..
20.00	20.00	30.00	30.00	30.00	30.00	1,00.00	1,00.00	20.00	..
2,93.00	2,93.00	2,02.50	2,02.50	35.00	35.00	8,31.00	8,31.00	3,00.00	..
..	..	..	..	..	..	1,69.00	1,69.00	..	..
57.79	57.79	66.30	66.30	74.25	74.25	3,00.00	3,00.00	20.00	..
8.00	8.00	10.00	10.00	10.00	10.00	40.00	40.00	10.00	..
2.00	2.00	2.00	2.00	3.00	3.00	10.00	10.00	2.00	..
13,24.79	13,24.79	15,67.80	15,67.80	9,55.69	9,55.69	55,58.00	55,58.00	32,55.70*	..
1,00.00	1,00.00	1,20.00	1,20.00	1,63.00	1,63.00	4,33.00	4,33.00	..	..
14,24.79	14,24.79	16,87.80	16,87.80	11,18.69	11,18.69	59,91.00	59,91.00	32,55.70	..
..	..	..	..	..	..	15,04.00†	15,04.00†	8,75.00	..
..	..	..	..	..	..	5,00.00	5,00.00	3,00.00	..
..	..	..	..	..	..	20,04.00	20,04.00	11,75.00	..
14,24.79	14,24.79	16,87.80	16,87.80	11,18.69	11,18.69	79,95.00**	79,95.00**	44,30.70	..

STATE

LIST OF SCHEME INCLUDED

4. Industry and Mining

Serial no.	Schemes.	Total estimated cost.	Anti-cipated outlay up to 1960-61.	Phasing of			
				1961-62.		1962-63.	
				Total.	Capital.	Total.	Capital.
1	2	3	4	5	6	7	8
4.1 LARGE AND MEDIUM INDUSTRIES.							
1	Enhancement of equity capital of Bihar Industrial Development Co-operation.	1,00.00	..	8.00	..	18.50	..
2	Expansion of the Directorate of Industries. Strengthening of the Development Wing, Research and Investigation and Surveys including preparation of project report.	12.00	..	3.00	1.00	2.10	0.79
3	Expansion of the Superphosphate Factory.	50.00	..	4.00	4.00	9.65	9.65
4	Expansion of High Tension Insulator Factory.	58.00	..	1.00	1.00	11.50	11.50
5	Establishment of Development Authority.	50.00	..	8.00	..	9.00	..
6	Spill-over schemes—						
	(i) Expansion of Bihar Superphosphate Factory.	20.00	..	6.00	6.00	..	..
	(ii) Establishment of High Tension Insulator Factory.	45.00	..	4.00	4.00	..	..
	Total	3,35.00	..	34.00	16.00	50.75	21.94
4.2	Minerals—						
	Strengthening of the Directorate of Mining and Geology and the establishment of a laboratory.	20.00	..	2.00	0.50	3.25	0.55
TOTAL		3,55.00	..	36.00	16.50	54.00	22.49

MENT A-3—contd.

IN THE THIRD FIVE-YEAR PLAN—contd.

[RUPEES IN LAKHS.]

outlay 1961—66.

1963-64.		1964-65.		1965-66.		1961—66.		Foreign exchange.	Balance of cost.
Total.	Capital.	Total.	Capital.	Total.	Capital.	Total.	Capital.		
9	10	11	12	13	14	15	16	17	18
21.50	..	23.50	..	28.50	..	100.00	..	..	..
2.15	..	2.25	..	2.50	..	12.00	1.79	0.38	..
11.35	11.35	12.00	12.00	13.00	13.00	50.00	50.00	15.00	..
14.00	14.00	15.00	15.00	16.50	16.50	58.00	58.00	17.00	..
10.00	..	11.00	..	12.00	..	50.00	..	..	..
..	..	..	..	..	..	6.00	6.00	..	..
..	..	..	..	..	..	4.00	4.00	..	..
59.00	25.35	63.75	27.00	72.50	29.50	280.00	119.79	32.38	..
4.00	0.60	5.25	0.40	5.50	0.13	20.00	2.18	4.52	..
63.00	25.95	69.00	27.40	78.00	29.63	300.00	1,21.97	36.90	..

LIST OF SCHEMES INCLUDED

Serial no.	Schemes.	Total estimated cost.	Anticipated outlay, 1960-61.	1961-62.		1962-63.	
				Total.	Capital.	Total.	Capital.
1	2	3	4	5	6	7	8

4.3 VILLAGE AND SMALL INDUSTRIES.*Industrial Estate.*

Establishment of Industrial Estates Workshop sheds and Industrial areas—

1	Large Industrial Estates—2	30.00	..	3.00	3.00	3.75	3.75
2	Small Industrial Estates—20	20.00	..	2.00	2.00	2.50	2.50
3	Smaller Industrial Estates—10	50.00	..	3.00	3.00	6.25	6.25
4	Workshop sheds—50	5.00	..	1.00	1.00	1.00	1.00
5	Industrial Areas	78.17	..	4.67	4.67	10.00	10.00
6	Outlay for Diesel sets	15.00	..	1.00	1.00	2.00	2.00
7	Spill over expenditure or schemes carried over from the Second Plan.	60.00	..	1.83	1.83	..	..
TOTAL		258.17		16.50	16.50	25.50	25.50

VILLAGE AND SMALL SCALE INDUSTRIES.*Technical Assistance.*

1	Common Service Facility Centres—4.	16.00	..	2.50	2.00	3.00	2.50
2	Establishment of Institute of Engineering Design.	5.00	..	..	..	1.00	1.00
3	Rural Workshop—60 ..	22.00	..	3.00	2.50	4.45	1.15
4	Pilot Production Centres—6 ..	20.00	..	2.50	2.50	4.10	4.10
5	Establishment of three Industrial Pilot Projects.	10.50	..	2.00	..	2.05	..

MENT A-3—contd.

IN THE THIRD FIVE-YEAR PLAN—contd.

[RUPEES IN LAKHS.]

outlay 1961—66.								Foreign exchange.	Balance of cost.
1963-64.		1964-65.		1965-66.		1961—66.			
Total.	Capital.	Total.	Capital.	Total.	Capital.	Total.	Capital.		
9	10	11	12	13	14	15	16	17	18
6.00	6.00	7.75	7.75	9.50	9.50	30.00	30.00	..	..
3.75	3.75	5.25	5.25	6.50	6.50	20.00	20.00	..	..
9.50	9.50	12.50	12.50	18.75	18.75	50.00	50.00	..	..
1.00	1.00	1.00	1.00	1.00	1.00	5.00	5.00	..	..
15.00	15.00	21.50	21.50	27.00	27.00	78.17	78.17	..	..
2.75	2.75	4.00	4.00	5.25	5.25	15.00	15.00	..	..
..	..	..	..	..	..	1.83	1.83	..	..
38.00	38.00	52.00	52.00	68.00	68.00	200.00	200.00	..	..
3.40	3.00	3.50	2.42	3.60	..	16.00	9.92	3.52	..
1.15	1.00	1.20	0.50	1.65	..	5.00	2.50	1.92	..
4.75	1.00	4.85	0.77	4.95	0.75	22.00	6.17	..	..
4.25	4.25	4.50	4.50	4.65	4.65	20.00	20.00	..	..
2.10	..	2.15	..	2.20	..	10.50	..	..	..

LIST OF SCHEMES INCLUDED

Serial no.	Schemes.	Total estimated cost.	Anti-cipated outlay up to 1960-61.	Phasing of			
				1961-62.		1962-63.	
1	2	3	4	Total.	Capital.	Total.	Capital.
TRAINING PROGRAMME.							
6	Rural artisans cluster type training centres—34.	80.00	..	10.00	7.50	16.33	12.00
7	Reorganisation of Tuitional Classes—24.	12.00	..	1.88	1.00	2.30	1.50
8	Production Centres—20	..	25.00	..	2.00	0.50	5.06
9	Model workshop—15	..	28.76	..	4.00	4.00	5.68
10	Establishment of New Women's Industrial Schools, Expansion of existing schools and aid to private institutions for craft training—	30.00	..	4.62	3.50	5.80	4.30
	(i) New Women's Industrial Schools—12.	18.00	..	..	..	..	..
	(ii) Expansion of existing Women's Schools—4.	7.00	..	..	..	..	..
	(iii) Grants-in-aid to private institutions for craft training.	5.00	..	..	..	..	..
FINANCIAL ASSISTANCE.							
11	Block loan under the State Aid to Industries Act.	100.00	..	15.00	15.00	19.55	19.55
12	Subsidy under the State Aid to Industries Act.	15.00	..	1.00	..	3.30	..
MARKETING.							
13	Assistance for the establishment of Bihar Small Industries Corporation.	25.00	..	4.00	..	4.60	..
14	District Industrial Surveys and preparation of Directory.	1.00	..	0.20	..	0.20	..
15	Participation of exhibition and fairs.	2.50	..	0.40	..	0.45	..
16	Quality Marking Scheme	..	8.00	..	1.00	..	1.65

MENT A-3—*contd.*IN THE THIRD FIVE-YEAR PLAN—*contd.*

(RUPEES IN LAKHS.)

outlay, 1961—66.									
1963-64.		1964-65.		1965-66.		1961—66.		Foreign exchange.	Balance of cost.
Total.	Capital.	Total.	Capital.	Total.	Capital.	Total.	Capital.		
9	10	11	12	13	14	15	16	17	18
17.17	10.55	18.11	2.29	18.39	..	80.00	32.29	..	..
2.50	2.00	2.60	0.30	2.72	..	12.00	4.80	..	..
5.50	1.50	5.65	1.88	6.79	..	25.00	4.88	..	..
6.20	6.00	6.40	1.90	6.48	..	28.76	17.50	1.53	..
6.37	3.78	6.50	..	6.71	..	30.00	11.58	..	..
—
—
—	—
21.15	21.15	22.10	22.10	22.20	22.20	100.00	100.00	..	..
3.50	..	3.55	..	3.65	..	15.00	..	..	..
5.20	—	5.50	..	5.70	..	25.00	..	..	..
0.20	—	0.20	..	0.20	..	1.00	..	..	..
0.53	—	0.55	..	0.57	..	2.50	..	..	..
1.71	—	1.78	..	1.86	..	8.00	..	..	..

STATE,
LIST OF SCHEMES INCLUDED

Serial no.	Schemes.	Total estimated cost.	Anti-cipated outlay up to 1960-61.	Phasing of			
				1961-62.		1962-63.	
1	2	3	4	Total.	Capital.	Total.	Capital.
DISPERSAL OF INDUSTRIAL GROWTH.							
17	State participation in Capital Formation.	25.00	..	3.00	..	5.20	..
18	Subsidy for guaranteeing in Capital.	0.50	..	0.10	..	0.10	..
OTHER SERVICES.							
19	Raw Materials Depot—15	.. 45.00	..	6.00	..	9.20	..
20	Subsidy on rent	4.74	..	0.50	..	0.95	..
21	Subsidy on power.. ..	10.00	..	0.50	..	2.25	..
22	Organisational assistance in Industrial Co-operation.	6.50	..	0.50	..	1.40	..
	(i) Guarantee fund for Apex Banks.	0.50	..	..	..	..	..
	(ii) Managerial assistance to Industrial Co-operative 100.						
ADDITIONAL STAFF.							
23	Headquarters staff	10.00	..	1.50	..	1.80	..
24	Divisional Organisation	8.00	..	1.50	..	1.50	..
25	District Staff	20.00	..	4.00	..	4.00	..
26	Extension staff	45.00	..	4.50	..	9.08	..
TOTAL—FOR SMALL SCALE INDUSTRIES.		575.50	..	76.20	38.50	115.00	52.70
KHADI AND VILLAGE INDUSTRIES.							
	Grants to Khadi and Village Industries Boards towards establishment and other expenses.	32.50	..	4.14	..	5.15	..
TOTAL FOR KHADI AND VILLAGE INDUSTRIES.		32.50	..	4.14	..	5.15	..

MENT A-3—*contd.*IN THE THIRD-FIVE-YEAR PLAN—*contd.*

(RUPEES IN LAKHS.)

outlay, 1961—66.									
1963-64.		1964-65.		1965-66.		1961—66.		Foreign exchange.	Balance of cost.
Total.	Capital.	Total.	Capital.	Total.	Capital.	Total.	Capital.		
9	10	11	12	13	14	15	16	17	18
5.40	..	5.60	..	5.80	..	25.00	..	..	..
0.10	..	0.10	..	0.10	..	0.50	..	..	..
9.62	..	9.95	..	10.23	..	45.00	..	..	..
1.05	..	1.08	..	1.16	..	4.74	..	..	..
2.32	..	2.40	..	2.53	..	10.00	..	..	..
1.48	..	1.52	..	1.60	..	6.50	..	..	..
..
2.18	..	2.22	..	2.30	..	10.00	..	..	..
1.55	..	1.69	..	1.76	..	8.00	..	..	..
4.00	..	4.00	..	4.00	..	20.00	..	..	..
9.62	..	10.30	..	11.50	..	45.00	..	..	..
123.00	54.18	128.00	38.66	133.30	27.60	575.50	209.64	6.97	..
6.30	..	7.66	..	9.25	..	32.50	..	..	..
6.30	..	7.66	..	9.25	..	32.50	..	..	..

LIST OF SCHEMES INCLUDED

Serial no.	Schemes.	Total esti- mated cost.	Anti- cipated outlay up to 1960-61.	Phasing of			
				1961-62.		1962-63.	
				Total.	Capital.	Total.	Capital.
1	2	3	4	5	6	7	8
HANDLOOM							
ASSISTANCE TO COTTON HANDLOOM INDUSTRY MARKETING.							
	(i) Sales Depots - 150 ..	11.50	..	1.00	..	1.75	..
	(ii) Mobile Sales Van ..	1.50	..	0.37	..	0.20	..
	(iii) Purchase of Samples ..	0.50	..	0.10	..	0.10	..
	(iv) Publicity and Propaganda ..	1.00	..	0.20	..	0.20	..
	(v) Award of prizes ..	0.50	..	0.10	..	0.10	..
	(vi) Appointment of Hawkers 251. ..	5.00	..	0.60	..	0.77	..
	(vii) Technical assistants for stamping of handloom cloth—6. ..	1.70	..	0.56	..	0.20	..
	(viii) Subsidy on yarn ..	10.00	..	1.00	..	1.54	..
	(ix) Rebate on sale of handloom cloth. ..	70.00	..	8.00	..	10.00	..
TECHNICAL IMPROVEMENT.							
	(i) Purchase of handloom accessories—200.0 ..	8.00	..	1.00	..	1.22	..
	(ii) Purchase of improved semi- automatic loom—400. ..	8.00	..	1.00	..	1.22	..
	(iii) Organisational expenses ..	16.50	..	1.45	..	2.79	..
TRAINING AND RESEARCH.							
	(i) Collection of statistics ..	2.30	..	0.40	..	0.33	..
	(ii) Training of weavers re- organisation of tuitional classes. ..	12.60	..	3.00	..	1.73	..
	(iii) Expansion of pattern making factories—6. ..	1.50	..	0.40	..	0.19	..

MENT A-3—contd.

IN THE THIRD FIVE-YEAR PLAN—contd.

(RUPEES IN LAHRS.)

outlay 1961—66.									
1963-64.		1964-65.		1965-66.		1961—66.		Foreign exchange.	Balance of cost.
Total.	Capital.	Total.	Capital.	Total.	Capital.	Total.	Capital.		
9	10	11	12	13	14	15	16	17	18
2.04	..	3.07	..	3.14	..	11.00	..	..	..
0.23	..	0.34	..	0.36	..	1.50	..	..	..
0.10	..	0.10	..	0.10	..	0.50	..	..	..
0.20	..	0.20	..	0.20	..	1.00	..	..	..
0.10	..	0.10	..	0.10	..	0.50	..	..	..
0.90	..	1.35	..	1.38	..	5.00	..	..	..
0.23	..	0.35	..	0.36	..	1.70	..	..	..
1.84	..	2.81	..	2.84	..	10.03	..	..	..
13.00	..	18.00	..	21.00	..	70.00	..	..	..
1.43	..	2.15	..	2.20	..	8.00	..	..	..
1.43	..	2.15	..	2.20	..	8.00	..	..	..
3.10	..	4.56	..	4.60	..	16.50	..	..	..
0.39	..	0.53	..	0.60	..	2.30	..	..	..
2.10	..	2.85	..	2.92	..	12.60	..	..	..
0.22	..	0.34	..	0.35	..	1.50	..	..	..

STATE
LIST OF SCHEMES INCLUDED

Serial no.	Schemes.	Total estimated cost.	Anti-icipated outlay up to 1960-61.	Phasing of			
				1961-62.		1962-63.	
1	2	3	4	Total.	Capital.	Total.	Capital.
TECHNICAL PROCESSING--							
	(i) Expansion of existing Dye Houses.	4.16	..	1.00	1.00	0.54	0.54
	(ii) Establishment of new small dye houses—10.	1.12	..	0.07	0.07	0.18	0.12
	(iii) Expansion of finishing plants—2.	4.16	..	1.00	1.00	0.54	0.54
	Housing colony for weavers—2	7.20	..	1.00	1.00	1.05	1.05
	Office and Godown for the Apex unit.	2.00	..	..	..	0.34	..
	Thrift Fund	0.38	..	..	..	0.06	..
	Expansion of Mokameh Co-operative Spinning Mill.	10.00	..	..	..	5.00	5.00
	Assistance for the establishment of new Co-operative Spinning Mill.	10.00	..	..	..	5.00	5.00
	Fancy Yarn Production ..	2.51	..	..	..	0.43	0.43
ASSISTANCE TO WOOLEN INDUSTRY.							
1	Establishment of a woollen carding, spinning and finishing plant.	3.55	..	0.58	0.58	0.45	0.45
ASSISTANCE TO SILK WEAVING INDUSTRY—							
	(i) Establishment of Design centre in Silk weaving.	0.77	..	..	..	0.13	..
	(ii) Reorganisation of Silk Institution, Nathnagar.	4.05	..	1.00	1.00	0.52	..
TOTAL FOR HANDLOOM ..		200.50	..	23.83	14.65	36.58	13.13

MENT A-3—*contd.*IN THE THIRD FIVE-YEAR PLAN—*contd.*

(RUPEES IN LAKHS.)

outlay, 1961—66.

1963-64.		1964-65.		1965-66.		1961—66.		Foreign exchange	Balance of cost.
Total.	Capital.	Total.	Capital.	Total.	Capital.	Total.	Capital.		
9	10	11	12	13	14	15	16	17	18
0.63	0.63	0.98	0.98	1.01	0.61	4.16	3.76	..	..
0.21	..	0.32	..	0.34	..	1.12	0.19	0.19	..
0.63	0.63	0.98	0.98	1.01	0.66	4.16	3.81	0.52	..
1.24	1.24	1.92	1.92	1.99	1.99	7.20	7.20	..	..
0.40	..	0.62	..	0.64	..	2.00	..	..	..
0.08	..	0.11	..	0.13	..	0.38	..	..	..
5.00	5.00	..	..	..	..	10.00	10.00	..	..
5.00	5.00	..	..	..	..	10.00	10.00	..	..
0.50	0.50	0.78	0.78	0.80	0.55	2.51	2.26	0.40	..
0.54	0.54	0.97	0.80	1.01	0.75	3.55	3.12	0.40	..
0.15	..	0.24	..	0.25	..	0.77	..	..	..
0.61	..	0.95	..	0.97	..	4.05	1.00	..	..
42.27	3.54	46.82	5.45	50.50	4.56	200.00	41.34	1.32	..

STATEMENT
LIST OF SCHEMES INCLUDED

Serial no.	Schemes.	Total estimated cost.	Anti-icipated outlay upto 1960-61.	Phasing of			
				1961-62.		1962-63.	
1	2	3	4	5	6	7	8

HANDICRAFTS.

DEVELOPMENT OF HANDI-CRAFTS.

(i) Training of practising craftsmen.	5.00	..	1.00	1.00	0.75	0.46
(ii) Advanced training outside the State.	0.25	..	0.05	..	0.05	..
(iii) Production centres—5 ..	4.49	..	0.75	0.75	0.79	0.79
(iv) Mobile demonstration centres—3.	3.50	..	0.50	0.50	0.56	0.56
(v) Quality marking ..	0.50	..	0.10	0.10	0.10	0.10
(vi) Expansion of the Institute of Industrial Designs.	10.00	..	1.00	1.00	1.61	1.61
(vii) Managerial assistance to Handicrafts Co-operative—15	1.00	..	0.20	0.20	0.16	0.16
(viii) Raw materials Depot—1	1.25	..	0.20	0.20	0.20	0.20
(ix) Marketing (2 Sales emporia, 2 Sales Depot, shops and stalls).	5.45	..	0.80	0.80	0.88	0.88
(x) Exhibition and publicity	0.75	..	0.10	..	0.15	..
(xi) Craft Museum	2.81	..	0.20	0.20	0.40	0.40
TOTAL—HANDICRAFTS	35.00	..	4.90	4.75	5.65	5.16

SERICULTURE.

DEVELOPMENT OF SERI-CULTURE.

(i) Tasar Seed Supply stations—07.	9.09	..	1.12	1.12	1.56	0.63
(ii) Tasar Seed Supply sub-station.	7.52	..	0.77	..	1.26	..
(iii) T.C.P. Centres in rolling and spinning—17.	5.01	..	0.40	..	0.86	..

A-3—contd.

IN THE THIRD FIVE YEAR PLAN—contd.

(RUPEES IN LAKHS.)

outlay, 1961—66.

1963-64.		1964-65.		1965-66.		1961—66.		Foreign ex- change.	Balance of cost.
Total.	Capital.	Total.	Capital.	Total.	Capital.	Total.	Capital.		
9	10	11	12	13	14	15	16	17	18
0.90	..	1.10	..	1.25	..	5.00	1.46	..	..
0.05	..	0.05	..	0.05	..	0.25	..	..	..
0.90	0.82	0.98	..	1.07	..	4.49	2.36	..	..
0.69	0.43	0.81	..	0.94	..	3.50	1.49	..	..
0.10	0.10	0.10	0.10	0.10	0.10	0.50	0.50	..	..
2.09	1.75	2.47	0.28	2.83	..	10.00	4.64	0.71	..
0.18	0.18	0.21	0.21	0.25	0.25	1.00	1.00	..	..
0.25	0.25	0.29	0.29	0.31	0.31	1.25	1.25	..	..
1.10	0.46	1.25	..	1.42	..	5.45	2.14	..	..
0.16	..	0.17	..	0.17	..	0.75	..	..	..
0.53	0.24	0.67	..	1.01	..	2.81	0.84	..	..
6.95	4.23	8.10	0.88	9.40	0.66	35.00	15.68	0.71	..
1.82	..	2.10	..	2.49	..	9.09	1.75	..	..
1.72	..	1.86	..	1.91	..	7.52	..	..	..
1.10	..	1.22	..	1.43	..	5.01	..	..	..

STATEMENT
LIST OF SCHEMES INCLUDED

Serial no.	Schemes.	Total esti- mated cost.	Anti- cipated outlay up to 1960-61.	Phasing of			
				1961-62.		1962-63.	
				Total.	Capital.	Total.	Capital.
1	2	3	4	5	6	7	8
DEVELOPMENT OF SERI- CULTURE—concl.							
(iv)	Eri Seed Supply Stations—2	2.51	..	0.56	0.56	0.46	0.29
(v)	Eri Rearing Demonstration Centres—20.	1.65	..	0.24	..	0.31	..
(vi)	Centres for Improvement in Tasar Reeling—2.	4.26	..	0.41	0.41	0.65	0.40
(vii)	Marketing Organisation for purchase of Tasar co- coons in Hazaribagh—1.	2.56	..	0.28	..	0.46	..
(viii)	Marketing Organisation of Eri—2.	4.21	..	0.38	0.38	0.60	0.40
(ix)	Introduction of Tasar Industry as basic craft in 10 schools.	1.04	..	..	..	0.19	..
(x)	Organisation of Tasar Rearer's Co-operatives.	4.87	..	0.26	..	0.85	..
(xi)	Subsidy for cultivation of Mulberry.	1.50	..	0.15	..	0.27	..
(xii)	Provision of staff & equip- ments for Tasar Rearer's Co-operative Society.	2.58	..	..	..	0.25	..
(xiii)	Provision of staff quarters	5.14	..	..	..	0.90	0.90
(xiv)	Pilot Project for tasar—2	3.13	..	0.47	0.35	0.55	0.36
(xv)	Publication of books and periodicals.	0.10	..	0.10	..	0.10	..
(xvi)	Supervisory staff ..	1.93	..	0.40	..	0.37	..
(xvii)	Training of Add. staff ..	1.00	..	0.14	..	0.18	..
(xviii)	Spill over scheme carried over from the 2nd Plan.	30.00	..	0.75	0.75	0.75	0.75
TOTAL—SERICULTURE		83.50	..	6.43	3.57	10.57	3.73
TOTAL—VILLAGE AND SMALL INDUSTRIES.		1,190.17	..	1,32.00	77.97	1,98.45	1,00.22
GRAND TOTAL—INDUS- TRIES AND MINING.		1,545.17	..	1,68.00	94.47	2,52.45	1,22.71

A-3—contd.

IN THE THIRD FIVE-YEAR PLAN—contd.

[RUPEES IN LAKHS.]

outlay, 1961—66.

1963-64.		1964-65.		1965-66.		1961—66.		Foreign ex- change.	Balance of cost.
Total.	Capital.	Total.	Capital.	Total.	Capital.	Total.	Capital.		
9	10	11	12	13	14	15	16	17	18
0.48	..	0.50	..	0.51	..	2.51	0.85	..	..
0.33	..	0.36	..	0.41	..	1.65	..	..	..
0.85	0.06	1.00	..	1.35	..	4.26	0.87	..	..
0.50	..	0.62	..	0.70	..	2.56	..	..	..
0.84	0.48	1.01	..	1.38	..	4.21	1.26	..	..
0.21	..	0.25	..	0.39	..	1.04	..	..	..
0.98	..	1.35	..	1.43	..	4.87	..	..	..
0.30	..	0.36	..	0.42	..	1.50	..	..	..
0.50	..	0.75	..	1.08	..	2.58	..	..	..
1.13	1.13	1.21	1.24	1.90	1.01	5.14	4.28	..	..
0.57	..	0.69	..	0.85	..	3.13	0.71	..	..
0.10	..	0.10	..	0.10	..	0.50	..	..	..
0.37	..	0.39	..	0.40	..	1.93	..	..	..
0.20	..	0.23	..	0.25	..	1.00	..	..	..
..	..	..	..	..	..	1.50	1.50	..	..
12.00	1.67	14.00	1.24	17.00	1.01	60.00	11.22	..	..
2,28.52	1,01.62	2,56.58	96.24	2,87.45	1,01.83	11,03.00	4,77.88	9.00	..
2 91.52	1,27.57	3,25.58	1,23.64	3,65.45	1,31.46	1 4,03.00	5,99.85	45.90	..

STATEMENT
LIST OF SCHEMES INCLUDED

Serial no.	Schemes.	Total esti- mated cost.	Antici- pated outlay up to 1960-61.	Phasing of				
				1961-62.		1962-63.		
				Total.	Capital.	Total.	Capital.	
1	2	3	4	5	6	7	8	
5. TRANSPORT AND COMMUNI- CATIONS.								
5.1. ROADS.								
A.—P. W. D. ROADS.								
1	State Highways and District Roads.	Major	20,77.31 (old) 14,85.60 (New schemes.)	13,18.31	1,95.00	1,95.00	2,17.07	2,17.07
2	Other District Roads	..	1,32.50	..	4.00	4.00	5.48	5.48
3	Overbridges, etc.	..	2,90.00	..	15.00	15.00	43.75	43.75
4	Research and Training		18.52	..	2.72	2.72	3.13	3.13
5	Tools and Plants	..	1,40.00	..	18.75	18.75	22.00	22.00
6	Inspection Bungalows and residences for P. W. D. Officers.		40.00	..	3.53	3.53	5.00	5.00
7	C. R. F. schemes	..	80.00	..	12.00	12.00	14.00	11.00
8	Roads in Jute areas	..	40.84	14.34	4.00	4.00	4.50	4.50
	TOTAL	..	43,04.27	13,32.65	2,55.00	2,55.00	3,14.93	3,14.93
B.—L. S.-G. SCHEMES.								
1	Other District Roads	..	72.50	..	7.00	7.00	11.00	11.00
2	Classified village roads	..	35.50	..	4.00	4.00	5.50	5.50
3	Strengthening Remodelling bridges.		24.00	..	2.30	2.30	3.70	3.70
4	Tools and Plants	..	8.00	..	1.20	1.20	1.40	1.40
5	Construction and improvement of Inspection Bungalows.		3.50	..	0.50	0.50	0.60	0.60
6	Improvement to municipal bazar roads.		44.00	..	5.00	5.00	6.00	6.00
	TOTAL	..	1,87.50	..	20.00	20.00	28.20	28.20
	GRAND TOTAL	..	44,91.77	13,32.65	2,75.00	2,75.00	3,43.13	3,43.13

A-3—contd.

IN THE THIRD FIVE-YEAR PLAN —contd.

(RUPEES IN LAKHS.)

outlay, 1961—66.

1963-64.		1964-65.		1965-66.		1961—66.		Foreign exchange.	Balance of cost.
Total.	Capital.	Total.	Capital.	Total.	Capital.	Total.	Capital.		
9	10	11	12	13	14	15	16	17	18
2,40.20	2,40.20	2,59.98	2,50.98	2,73.75	2,73.75	11,86.00	11,86.00	..	10,59.60
6.40	6.40	7.12	7.12	8.00	8.00	31.00	31.00	..	1,00.50
52.50	52.50	66.25	66.25	72.50	72.50	2,50.00	2,50.00	22.00	40.00
3.60	3.60	4.05	4.05	4.50	4.50	18.00	18.00	8.00	0.52
25.00	25.00	28.00	28.00	31.25	31.25	1,25.00	1,25.00	22.00	15.00
6.50	6.50	7.47	7.47	7.50	7.50	30.00	30.00	..	10.00
16.00	16.00	18.00	18.00	20.00	20.00	80.00	80.00	..	..
5.00	5.00	5.50	5.00	6.00	6.00	25.00	25.00	..	1.00
3,55.20	3,55.20	3,96.37	3,96.37	4,23.50	4,23.50	17,45.00	17,45.00	52.00	12,26.62
12.75	12.75	13.25	13.25	15.00	15.00	59.00	59.00	..	12.00
6.00	6.00	6.50	6.50	7.50	7.50	29.50	29.50	..	6.00
4.50	4.50	4.50	4.50	5.00	5.00	20.00	20.00	..	4.00
1.60	1.60	1.80	1.80	2.00	2.00	8.00	8.00	..	..
0.70	0.70	0.80	0.80	0.90	0.90	3.50	3.50	..	..
7.00	7.00	8.00	8.00	9.00	9.00	35.00	35.00	..	9.00
32.55	32.55	34.85	34.85	39.40	39.40	1,55.00	1,55.00	..	32.50
3,87.75	3,87.75	4,31.22	4,31.22	4,62.90	4,62.90	19,00.00	19,00.00	52.00	12,59.12

STATEMENT
LIST OF SCHEMES INCLUDED

Serial no.	Schemes.	Total esti- mated cost.	Antici- pated outlay up to 1960-61.	Phasing of			
				1961-62.		1962-63.	
				Total.	Capital.	Total.	Capital.
1	2	3	4	5	6	7	8
5.2 ROAD TRANSPORT.							
	Road Transport	.. 2,00.00	17.00	50.00	50.00	58.00	58.00
53	INLAND WATER TRANSPORT STATE SHARE OF D.V.C.).	..	..	..	..	..	..
5.4 TOURISM.							
1	Tourist shala at Rajgir	.. 0.50	..	0.50	0.50	..	..
2	Rest House at Game Sanctu- ary, Hazaribagh.	1.40	..	0.30	0.30	1.10	1.10
3	Establishment of Tourist offices.	1.80	..	0.20	..	0.40	..
4	Tourist shala at Vaishali	.. 0.25	..	..	..	0.25	0.25
5	Rest House at Netarhat	.. 1.00	..	..	..	1.00	1.00
6	Tourist Publicity	.. 1.00	..	..	..	0.10	..
7	Rest House at Bhainsalotan	.. 0.50	..	..	..	..	..
8	Development of Kharagpur Lake.	0.65	..	..	..	..	..
9	Tourist shed at Deoghar	.. 1.00	..	..	..	..	..
10	Rest House at Topchanchi	.. 0.50	..	..	..	..	..
11	Cottage at Hundru and Suraj- kund.	0.60	..	..	..	..	..
12	Tourist shala at Pawapuri	.. 0.30	..	..	..	..	..
13	Tourist shala at Basukinath	0.50	..	..	..	..	..
TOTAL		.. 10.00	..	1.00	0.80	2.85	2.35

A-3—contd.

IN THE THIRD FIVE-YEAR PLAN— contd.

(RUPEES IN LAKHS)

out lay, 1961—66.

1963-64.		1964-65.		1965-66.		1961—66.		Foreign exchange.	Balance of cost.
Total.	Capital.	Total.	Capital.	Total.	Capital.	Total.	Capital.		
9	10	11	12	13	14	15	16	17	18
73.00	73.00	17.00	17.00	2.00	2.00	2,00.00	2,00.00	..	..
..	..	..	..	..	..	30.00*	30.00*	..	..
..	..	..	..	..	..	0.50	0.50	..	..
..	..	..	..	..	..	1.40	1.40	..	..
0.40	..	0.40	..	0.40	..	1.80	..	..	..
..	..	..	..	..	..	0.25	0.25	..	..
..	..	..	..	..	..	1.00	1.00	..	..
0.20	..	0.30	..	0.40	..	1.00	..	..	..
0.50	0.50	..	..	..	..	0.50	0.50	..	..
0.65	0.65	..	..	..	..	0.65	0.65	..	..
..	..	1.00	1.00	..	..	1.00	1.00	..	..
..	..	0.50	0.50	..	..	0.50	0.50	..	..
..	..	..	..	0.60	0.60	0.60	0.60	..	..
..	..	..	..	0.30	0.30	0.30	0.30	..	..
..	..	..	..	0.50	0.50	0.50	0.50	..	..
1.75	1.15	2.20	1.50	2.20	1.40	10.00	7.20	..	..

*Yearwise break-up is not available.

LIST OF SCHEMES INCLUDED

Serial no.	Schemes.	Total estimated cost.	Antici- pated outlay up to 1960-61.	Phasing of			
				1961-62.		1962-63.	
1	2	3	4	Total.	Capital.	Total.	Capital.
				5	6	7	8
6. SOCIAL SERVICES.							
6.1 GENERAL EDUCATION.							
ELEMENTARY EDUCATION.							
ADMINISTRATION.							
1	Strengthening of Administration and Supervisory staff.	77.12	..	5.26	0.40	11.84	..
	TOTAL	.. 77.12	..	5.26	0.40	11.84	..
TRAINING OF TEACHERS.							
2	Improvement, Expansion and Establishment of Training Schools.	2,80.96	35.96	45.93	13.93	49.70	14.47
3	Re-organisation of Primary and Middle Schools towards Basic pattern.	24.20	..	4.84	..	4.84	..
4	Development of Craft Training Centre, Hazaribagh.	1.98	..	0.75	0.45	0.30	..
	TOTAL	.. 3,07.14	35.96	51.52	14.38	54.84	14.47
UNIVERSAL FREE AND COMPULSORY PRIMARY EDUCATION FOR AGE-GROUP 6-11.							
5	Opening and strengthening of Primary Schools.	10,00.00	..	56.00	..	1,28.00	..
6	Incentive to children of Primary Schools.	15.00	..	3.00	..	3.00	..
	TOTAL	.. 10,15.00	..	59.00	..	1,31.00	..
EXPANSION AND IMPROVEMENT OF ELEMENTARY EDUCATION.							
7	Opening and strengthening of Middle Schools.	1,60.00	..	9.60	..	20.80	..
8	Improvement in salary scales of Primary and Middle School teachers.	1,60.00	..	22.00	..	27.00	..
9	Improvement of Government Basic Schools.	25.00	..	3.74	3.02	4.36	3.48

A-3. *contd.*IN THE THIRD FIVE-YEAR PLAN *contd.*

(RUPEES IN LAKHS.)

Outly, 1961—36									
1963-64.		1964-65.		1965 66.		1961—66.		Foreign exchange.	Balance of ccst.
Total.	Capital.	Total.	Capital.	Total.	Capital.	Total.	Capital.		
9	10	11	12	13	14	15	16	17	18
16.80	..	20.00	..	23.22	..	77.12	0.40	..	..
16.80	..	20.00	..	23.22	..	77.12	0.40	..	..
49.89	16.20	49.89	16.20	49.59	19.20	2,45.00	80.00	..	..
4.84	..	4.84	..	4.84	..	24.20	..	..	..
0.31	..	0.31	..	0.31	..	1.98	0.45	..	..
55.04	16.20	55.04	16.20	54.74	19.20	2,71.18	80.45	..	..
2,00.00	..	2,72.00	..	3,44.00	..	10,00.00	..	..	..
3.00	..	3.00	..	3.00	..	15.00	..	..	..
2,03.00	..	2,75.00	..	3,47.00	..	10,15.00	..	..	..
32.00	..	43.20	..	54.40	..	1,60.00	..	..	..
32.00	..	37.00	..	42.00	..	1,60.00	..	..	..
4.75	3.50	5.65	3.50	6.50	3.50	25.00	17.00	..	..

STATEMENT
LIST OF SCHEMES INCLUDED

Serial no.	Schemes.	Total esti- mated cost.	Anti- cipated outlay upto 1960-61.	Phasing of			
				1961-62.		1962-63.	
				Total.	Capital.	Total.	Capital.
1	2	3	4	5	6	7	8
EXPANSION AND IMPROVE- MENT OF ELEMENTARY EDUCATION—concl'd.							
10	Construction and renovation of School building.	1,20.00	..	24.05	24.05	23.95	23.95
11	Assistance to Pre-primary institutions.	2.50	..	0.50	..	0.50	..
12	Scholarships, Stipends and Book-grants, etc., in Primary and Middle Schools.	9.48	..	0.96	..	2.04	..
13	Pilot Project for Science teach- ing in Elementary School.	0.08	..	0.08	..	..	..
TOTAL		..	4,77.06	..	60.93	27.07	78.65 27.43
SPECIAL SCHEME FOR GIRLS' EDUCATION.							
14	Improvement of existing Government Girls' Middle Schools.	20.72	5.72	2.75	2.75	3.07	3.07
15	Improvement of non-govern- ment Girls' Middle Schools in urban areas.	3.00	..	0.60	0.30	0.60	0.30
16	Construction of rent-free quarters for Lady teachers.	50.00	..	10.00	10.00	10.00	10.00
17	Arrangement for sanitary faci- lities for girls in mixed Middle Schools.	3.00	..	0.60	0.60	0.60	0.60
18	Extension of free tuition for girls reading at the middle stage.	5.00	..	1.00	..	1.00	..
19	Awards of attendance and other prizes and incentive to girls.	15.00	..	3.00	..	3.00	..

A- —contd.

IN THE THIRD FIVE-YEAR PLAN—contd.

(RUPEES IN LAKHS.)

outlay, 1961—66.

1963-64.		1964-65.		1965-66.		1961—66.		Foreign ex- change.	Balance of cost.
Total.	Capital.	Total.	Capital.	Total.	Capital.	Total.	Capital.		
9	10	11	12	13	14	15	16	17	18
24.00	24.00	24.00	24.00	24.00	24.00	1,20.00	1,20.00	..	..
0.50	..	0.50	..	0.50	..	2.50	..	..	..
2.16	..	2.16	..	2.16	..	9.48	..	..	..
..	..	..	..	..	..	0.08	..	..	..
95.41	27.50	1,12.51	27.50	1,29.56	27.50	4,77.06	1,37.00	..	..
3.06	3.06	3.06	3.06	3.06	3.06	15.00	15.00	..	..
0.60	0.30	0.60	0.30	0.60	0.30	3.00	1.50	..	..
10.00	10.00	10.00	10.00	10.00	10.00	50.00	50.00	..	..
0.60	0.60	0.60	0.60	0.60	0.60	3.00	3.00	..	..
1.00	..	1.00	..	1.00	..	5.00	..	..	..
3.00	..	3.00	..	3.00	..	15.00	..	..	..

STATEMENT
LIST OF SCHEMES INCLUDED

Serial no.	Schemes.	Total esti- mated cost.	Anti- cipated outlay up to 1960-61.	Phasing of			
				1961-62.		1962-63.	
				Total.	Capital.	Total.	Capital.
1	2	3	4	5	6	7	8
SPECIAL SCHEME FOR GIRLS' EDUCATION—contd.							
20	Condensed Courses for adult women.	3.00	..	0.18	..	0.82	..
21	Stipends, book-grants, etc., for girls.	8.64	..	0.96	..	1.92	..
	TOTAL ..	1,08.36	5.72	19.09	13.65	21.01	13.97
	TOTAL—PRIMARY EDUCATION.	19,84.68	41.68	1,95.80	55.50	2,97.34	55.87
SECONDARY EDUCATION.							
ADMINISTRATION.							
22	Strengthening of Administrative and Supervisory staff.	12.75	..	3.12	0.75	1.75	..
	TOTAL ..	12.75	..	3.12	0.75	1.75	..
TRAINING OF TEACHERS (POST-GRADUATE).							
23	Expansion, Improvement and Establishment of Teachers' Training College.	44.00	..	8.00	1.74	9.00	4.26
24	Organisation of Special Contents courses, Refresher courses, Science, etc.	2.50	..	0.50	..	0.50	..
25	Training of Masters/Honours Specialist teachers of Government Multi-purpose Schools.	5.00	..	1.00	..	1.00	..
26	Training of Masters/Honours Specialists teachers' of non-Government Multi-purpose/Higher Secondary Schools for training.	2.50	..	0.50	..	0.50	..

A-3—contd.

IN THE THIRD FIVE-YEAR PLAN—contd.

[RUPEES IN LAKHS.]

outlay, 1961—66.

1963-64.		1964-65.		1965-66.		1961—66.		Foreign exchange.	Balance of cost.
Total.	Capital.	Total.	Capital.	Total.	Capital.	Total.	Capital.		
9	10	11	12	13	14	15	16	17	18
0.68	..	0.66	..	0.66	..	3.00	..	..	..
1.92	..	1.92	..	1.92	..	8.64	..	..	..
20.86	13.96	20.84	13.96	20.84	13.96	1,02.64	69.50	..	..
3,91.11	57.66	4,83.39	57.66	5,75.36	60.66	19,43.00	2,87.35	..	..
2.50	..	2.62	..	2.76	..	12.75	0.75	..	..
2,50	..	2,62	..	2,76	..	12,75	0,75	..	..
9.00	3.00	9.00	3.00	9.00	2.00	44.00	14.00	..	..
0.50	..	0.50	..	0.50	..	2.50	..	..	..
1.00	..	1.00	..	1.00	..	5.00	..	..	..
0.50	..	0.50	..	0.50	..	2.50	..	..	..

STATEMENT
LIST OF SCHEMES INCLUDED

Serial no.	Schemes.	Total. estimated cost.	Anti-cipated outlay up to 1960-61.	Phasing of			
				1961-62.		1962-63.	
				Total.	Capital.	Total.	Capital.
1	2	3	4	5	6	7	8
TRAINING OF TEACHERS POST-GRADUATE—contd.							
27	Facilities to ordinary graduate teachers for improving their academic qualifications.	5.00	..	1.00	..	1.00	..
28	Establishment of any Institute of English.	3.87	..	..	..	1.20	..
	TOTAL ..	62.87	..	11.00	1.74	13.20	4.26
RESEARCH AND EVALUATION.							
29	Establishment of an Examination Research Bureau.	2.20	..	0.30	..	0.45	..
	TOTAL ..	2.20	..	0.30	..	0.45	..
EXPANSION AND IMPROVEMENT OF HIGHER SECONDARY EDUCATION.							
30	Expansion and improvement of existing Government Multi-purpose Schools.	62.19	2.19	16.88	12.65	8.11	3.74
31	Opening of new Government Higher Secondary Schools, upgrading of remaining Government high Secondary Schools into Multi-purpose Higher Secondary Schools.	32.00	..	0.85	0.01	6.71	4.25
32	Improvement and expansion of existing non-Government Multi-purpose/Higher Secondary Schools and upgrading of non-Government High Schools into Multi-purpose Higher Secondary Schools.	2,80.00	..	30.00	23.00	43.00	30.50
33	Opening of new State Subsidised Higher Secondary Schools in Educationally backward areas.	36.25	..	5.75	4.00	6.50	4.00
	TOTAL ..	4,10.44	2.19	53.48	39.66	64.32	42.49

A-3—contd.

IN THE THIRD FIVE-YEAR PLAN—contd.

[RUPEES IN LAKHS.]

outlay, 1961—66.

1963-64.		1964-65.		1965-66.		1961—66.		Foreign ex- change.	Balance of cost.
Total.	Capital.	Total.	Capital.	Total.	Capital.	Total.	Capital.		
9	10	11	12	13	14	15	16	17	18
1.00	..	1.00	..	1.00	..	5.00	..	..	..
1.22	..	0.70	..	0.75	..	3.87	..	..	..
13.22	3.00	12.70	3.00	12.75	2.00	62.57	14.00	..	..
0.50	..	0.50	..	0.45	..	2.20	..	..	..
0.50	..	0.50	..	0.45	..	2.20	..	..	..
10.90	4.24	11.70	3.65	12.41	1.72	60.00	26.00	..	..
7.70	4.25	8.74	4.25	8.00	4.24	32.00	17.00	..	..
54.00	38.00	70.00	45.50	83.00	53.00	2,80.00	1,90.00	..	..
7.25	4.00	8.00	4.00	8.75	4.00	36.25	20.00	..	..
79.85	50.9	98.44	57.40	1,12.16	62.96	4,08.25	2,53.00	..	..

STATEMENT
LIST OF SCHEMES INCLUDED IN

Serial no.	Schemes.	Total estimated cost.	Anti-cipated outlay up to 1960-61.	Phasing of				
				1961-62.		1962-63.		
				Total.	Capital.	Total.	Capital.	
1	2	3	4	5	6	7	8	
EXPANSION AND IMPROVEMENT OF SECONDARY EDUCATION—concl'd.								
34	Additional grant-in-aid to non-Government High/Higher Secondary Schools.	21.25	..	3.12	..	3.75	..	
35	Improvement of salary scales and other benefit to teachers of non-Government Secondary Schools.	65.00	..	9.22	..	11.75	..	
36	Improvement of existing subsidised aided/unaided High Schools.	20.00	..	4.00	..	4.00	..	
37	Supply of radio sets to Secondary Schools.	1.25	..	0.25	..	0.25	..	
38	Improvement of Netarhat Residential School (old).	12.87	7.87	0.62	0.62	1.70	1.70	
39	Assistance to Secondary Schools for improvement of Physical Education.	5.25	..	0.45	..	0.81	..	
40	Scholarships, stipends and book-grants, etc., in Secondary Schools.	17.94	..	1.56	..	3.29	..	
	TOTAL	..	1,43.56	7.87	19.22	0.62	25.55	1.70
SPECIAL SCHEME FOR GIRLS' EDUCATION.								
41	Opening of State Subsidised Girls' Higher Secondary Schools in rural/Semi-urban areas into State Subsidised Schools.	21.60	..	3.52	2.50	3.92	2.50	
42	Conversion of existing non-Government Girls' High/Higher Secondary Schools established in rural/semi-urban areas into State Subsidised Schools.	11.25	..	2.25	1.00	2.25	1.00	

A-3—contd.

THE THIRD FIVE-YEAR PLAN—contd.

[RUPEES IN LAKHS.]

outlay, 1961—66.

1963-64.		1964-65.		1965-66.		1961—66.		Foreign exchange.	Balance of cost.
Total.	Capital.	Total.	Capital.	Total.	Capital.	Total.	Capital.		
9	10	11	12	13	14	15	16	17	18
4.38	..	5.00	..	5.00	..	21.25	..	..	..
13.25	..	14.78	..	16.00	..	65.00	..	..	..
4.00	..	4.00	..	4.00	..	20.00	..	..	..
0.25	..	0.25	..	0.25	..	1.25	..	..	..
1.68	1.68	1.00	1.00	..	..	5.00	5.00	..	..
1.06	..	1.33	..	1.60	..	5.25	..	..	..
3.82	..	4.37	..	4.90	..	17.94	..	..	..
28.44	1.68	30.73	1.00	31.75	..	1,35.69	5.00	..	..
4.32	2.50	4.72	2.50	5.12	2.50	21.60	12.50	..	..
2.25	1.00	2.25	1.00	2.25	1.00	11.25	5.00	..	..

STATEMENT
LIST OF SCHEMES INCLUDED IN

Serial no.	Schemes.	Total esti- mated cost.	Anti- cipated outlay up to 1960-61.	Phasing of			
				1961-62.		1962-63.	
				Total.	Capital.	Total.	Capital.
1	2	3	4	5	6	7	8
SPECIAL SCHEMES FOR GIRLS EDUCATION—concl.							
43	Construction of quarters for teachers in Girls' Secondary Schools.	11.25	..	1.00	1.00	2.50	2.50
44	Construction of hostels in Girls Secondary Schools.	16.25	..	1.50	1.50	3.60	3.40
45	Construction of retiring rooms for Girls in Mixed Secondary Schools.	2.50	..	0.50	0.50	0.50	0.50
46	Provision of transport to Girls' Secondary Schools.	14.00	..	2.20	2.20	2.70	2.50
47	Merit-cum-poverty stipends for girls.	15.39	..	1.71	..	3.42	..
	TOTAL ..	92.24	..	12.68	8.70	18.89	12.40
	TOTAL—SECONDARY EDUCA- TION.	7,24.06	10.06	99.80	51.47	1,24.16	60.85
UNIVERSITY AND RESEARCH INSTITUTES.							
48	Development of Rashtrabhasha Parishad.	6.29	..	1.14	0.58	2.00	1.54
49	Development of Mithila Institute of Post-Graduate Studies and Research in Sanskrit Learning.	8.17	..	3.61	3.00	1.73	1.00
50	Development of K. P. Jayaswal Institute.	5.43	..	0.36	..	2.42	2.00
51	Development of Institute of Post-Graduate Studies and Research in Arabic and Persian.	3.21	..	0.20	..	0.25	..
52	Development of A. N. Sinha Institute of Social Studies.	3.05	..	0.20	..	0.39	..
53	Development of Bihar Research Society.	1.00	..	0.16	..	0.17	..
	TOTAL ..	27.15	..	5.67	3.58	6.96	4.54

A-3—contd.

THE THIRD FIVE-YEAR PLAN—contd.

[RUPEES IN LAKHS.]

outlay, 1961—66.

1963-64.		1964-65.		1965-66.		1961—66.		Foreign exchange.	Balance of cost.
Total.	Capital.	Total.	Capital.	Total.	Capital.	Total.	Capital.		
9	10	11	12	13	14	15	16	17	18
2.50	2.50	2.50	2.50	2.75	2.75	11.25	11.25	..	..
3.65	3.40	3.70	3.40	3.80	3.40	16.25	15.10	..	..
0.50	0.50	0.50	0.50	0.50	0.50	2.50	2.50	..	..
2.90	2.60	3.05	2.70	3.15	2.75	14.00	12.75	..	..
3.42	..	3.42	..	3.42	..	15.39	..	..	..
19.54	12.50	20.14	12.60	20.99	12.90	92.24	5,99.10	..	..
1,44.05	67.67	1,65.13	74.00	1,80.86	77.86	7,14.00	3,31.85	..	..
1.83	1.29	0.64	..	0.68	..	6.29	3.41	..	..
0.83	0.35	0.93	..	1.07	..	8.17	4.35	..	..
1.53	1.00	0.54	..	0.58	..	5.43	3.90	..	..
0.36	..	1.31	1.00	1.09	0.75	3.21	1.75	..	..
0.48	..	1.50	1.00	0.48	..	3.05	1.00	..	..
0.19	..	0.23	..	0.25	..	1.00	..	..	..
5.22	2.64	5.15	2.00	4.15	0.75	27.15	13.51	..	..

STATEMENT
LIST OF SCHEMES INCLUDED IN

Serial no.	Schemes.	Total estimated cost.	Anti-cipated outlay upto 1960-61.	Phasing of			
				1961-62.		1962-63.	
				Total.	Capital.	Total.	Capital.
1	2	3	4	5	6	7	8
REGIONAL UNIVERSITIES:							
54	Development of Patna University, Patna.	1,25.00	..	19.50	3.00	22.50	4.50
55	Development of University of Bihar.	1,30.00	..	21.50	3.00	25.00	8.00
56	Development of Ranchi University.	90.00	..	16.50	3.00	17.00	6.00
57	Development of Bhagalpur University.	1,20.00	..	20.00	3.00	22.50	7.00
	TOTAL	4,65.00	..	77.50	12.00	87.00	25.50
58	Development of Sanskrit University, Darbhanga.	15.00	..	4.24	2.05	3.37	1.00
59	Development of Rural Institute of Higher Studies, Birauli.	5.60	0.60	1.44	1.04	0.95	0.50
60	Assistance to Tutorial Colleges for women.	2.00	..	0.40	..	0.40	..
61	Scholarships and Stipends ..	22.85	..	4.00	..	4.60	..
	TOTAL	45.45	0.60	10.08	3.09	9.32	1.50
	TOTAL--UNIVERSITY AND HIGHER EDUCATION.	5,37.60	0.60	93.25	18.67	1,03.28	31.54
SOCIAL EDUCATION							
GENERAL SOCIAL EDUCATION.							
62	Administration	0.40	..	0.04	..	0.08	..
63	Development of Social Education Centres.	0.90	..	0.18	..	0.18	..
64	Upgrading of Social Centres into Adult School.	3.92	..	0.17	..	0.21	..
65	Publication of Social Education Adult Literature.	2.86	..	0.46	..	0.60	..

A-3—contd.

THE THIRD FIVE-YEAR PLAN—contd.

[RUPEES IN LAKHS.]

outlay 1961—66.

1963-64.		1964-65.		1965-66.		1961—66.		Foreign ex- change.	Balance of cost.
Total.	Capital.	Total.	Capital.	Total.	Capital.	Total.	Capital.		
9	10	11	12	13	14	15	16	17	18
26.50	4.50	27.50	4.00	29.00	4.00	1,25.00	20.00	1.00	..
26.50	8.00	28.00	8.00	29.00	9.00	1,30.00	38.00	1.00	..
17.75	6.00	18.50	6.00	20.25	4.50	90.00	25.50	1.00	..
24.00	7.00	25.50	7.00	28.00	7.00	1,20.00	31.00	2.00	..
94.75	25.50	99.50	25.00	1,06.25	24.50	4,65.00	1,12.50	5.00	..
3.14	1.50	2.37	1.00	1.88	0.45	15.00	6.00	..	..
0.98	0.50	1.24	0.74	0.39	..	5.00	2.78	..	..
0.40	..	0.40	..	0.40	..	2.00	..	..	..
4.75	..	4.75	..	4.75	..	22.85	..	..	..
9.27	2.00	8.76	1.74	7.42	0.45	44.85	8.78	..	..
1,09.24	30.14	1,13.41	28.74	1,17.82	25.70	5,37.00	1,34.79	5.00	..
0.03	..	0.09	..	0.11	..	0.40	..	..	..
0.18	..	0.18	..	0.18	..	0.90	..	..	..
1.12	..	1.15	..	1.27	..	3.92	..	..	..
0.60	..	0.60	..	0.60	..	2.86	..	..	..

STATEMENT
LIST OF SCHEMES INCLUDED IN

Serial no.	Schemes.	Total estimated cost.	Anti-cipated outlay up to 1960-61.	Phasing of			
				1961-62.		1962-63.	
				Total.	Capital.	Total.	Capital.
1	2	3	4	5	6	7	8
66	Organisation of Educational tours for trainees and workers of literacy centres.	0.50	..	0.10	..	0.10	..
67	Seminars, Conferences and Symposium on Social Education.	0.35	..	0.07	..	0.07	..
	TOTAL	8.93	..	1.02	..	1.24	..
LIBRARY SERVICE.							
68	Administration State Advisory Board of Libraries and expansion of the Superintendent of Libraries.	0.49	..	0.14	..	0.08	..
69	Development of State Central Library (Sinha Library).	4.00	..	0.39	..	0.80	0.40
70	Development of District Central Libraries.	13.75	..	1.57	..	1.99	1.40
71	Development of Subdivisional Libraries.	7.33	..	0.63	..	1.60	0.37
72	Development of Public Libraries.	5.40	..	1.08	..	1.08	..
73	Training of Library Personnel	1.00	..	0.20	..	0.20	..
	TOTAL	31.97	..	4.01	..	5.75	1.17
	TOTAL—SOCIAL EDUCATION	40.90	..	5.03	..	6.99	1.17
AUDIO-VISUAL EDUCATION.							
74	Development of State Film Library.	0.50	..	0.08	..	0.10	..
75	Development of workshop for the Audio-visual Aids.	0.74	..	0.05	..	0.13	0.12
76	Organisation of an Educational Exhibition Wing.	1.49	..	0.15	..	0.56	0.35
77	Exhibition of Educational Film	2.19	..	0.24	..	0.39	0.20
	TOTAL	4.92	..	0.52	..	1.18	0.67

A-3—contd.

THE THIRD FIVE-YEAR PLAN—contd.

[RUPEES IN LAKHS.]

outlay 1961—66.

1963-64.		1964-65.		1965-66.		1961—66.		Foreign ex- change.	Balance of cost.
Total.	Capital.	Total.	Capital.	Total.	Capital.	Total.	Capital.		
9	10	11	12	13	14	15	16	17	18
0.10	..	0.10	..	0.10	..	0.50	..	..	..
0.07	..	0.07	..	0.07	..	0.35	..	..	..
2.15	..	2.19	..	2.33	..	8.93	..	..	..
0.08	..	0.09	..	0.10	..	0.49	..	..	..
0.70	0.35	0.92	0.50	1.19	0.75	4.00	2.00	..	..
2.88	0.50	3.54	0.75	3.77	0.85	13.75	2.50	..	..
1.70	0.37	1.70	0.37	1.70	0.39	7.33	1.50	..	..
1.08	..	1.08	..	1.08	..	5.40	..	..	..
0.20	..	0.20	..	0.20	..	1.00	..	..	..
6.64	1.22	7.53	1.62	8.04	1.99	31.97	6.00	..	..
8.79	1.22	9.72	1.62	10.37	1.99	40.90	6.00	..	..
0.10	..	0.10	..	0.12	..	0.50	..	..	..
0.14	..	0.14	..	0.23	..	0.74	0.12	..	..
0.24	0.05	0.26	..	0.28	..	1.49	0.40	..	..
0.50	0.25	0.51	0.25	0.55	0.42	2.19	1.12	..	..
0.98	0.30	1.01	0.25	1.23	0.42	4.92	1.64	..	..

STATEMENT
LIST OF SCHEMES INCLUDED IN

Serial no.	Schemes.	Total estimated cost.	Anti-cipated outlay up to 1960-61.	Phasing of			
				1961-62.		1962-63.	
				Total.	Capital.	Total.	Capital.
1	2	3	4	5	6	7	8
PHYSICAL EDUCATION.							
78	Strengthening of Administration	0.50	..	..	..	0.11	..
79	Development of Government College of Health and Physical Education.	2.43	0.29	1.47	1.31	0.16	..
80	Assistants to Kyarsalas	..	0.75	..	0.05	..	0.10
81	Organisation of Seminars and Festivals of Physical Education.	0.10	..	..	..	0.02	..
	TOTAL	..	3.78	0.29	1.52	1.31	0.39
SPORTS AND GAMES.							
82	Development of Coaching facilities in sports.	1.05	..	0.10	..	0.22	..
83	Playing fields and Equipments to Educational Institutions.	2.00	..	0.40	..	0.40	..
84	Organisations of sports competitions.	1.00	..	0.20	..	0.20	..
85	Construction of Sports stadium-cum-Sportsmen Guest House at Patna.	15.65	4.65	3.60	3.60	3.90	3.65
86	Construction of small sports stadia.	2.00	..	0.40	..	0.40	..
	TOTAL	..	21.70	4.65	4.70	3.60	5.12
YOUTH WELFARE.							
87	Youth Hostels	..	2.50	..	0.10	0.10	0.60
88	Students' tour	..	0.50	..	0.10	..	0.10
	TOTAL	..	3.00	..	0.20	0.10	0.70

A-3--contd.

THE THIRD FIVE-YEAR PLAN--contd.

[RUPEES IN LAKHS.]

outlay 1961--66.									
1963-64.		1964-65.		1965-66.		1961--66.		Foreign ex- change.	Balance of cost.
Total.	Capital.	Total.	Capital.	Total.	Capital.	Total.	Capital.		
9	10	11	12	13	14	15	16	17	18
0.12	..	0.13	..	0.14	..	0.50	..	..	..
0.16	..	0.17	..	0.18	..	2.14	1.31	..	..
0.15	..	0.20	..	0.25	..	0.75	..	..	..
0.02	..	0.03	..	0.03	..	0.10	..	..	..
0.45	..	0.53	..	0.60	..	3.49	1.31	..	..
0.23	..	0.25	..	0.25	..	1.05	..	..	..
0.40	..	0.40	..	0.40	..	2.00	..	..	..
0.20	..	0.20	..	0.20	..	1.00	..	..	..
3.26	2.75	0.12	..	0.12	..	11.00	10.00	..	..
0.40	..	0.40	..	0.40	..	2.00	..	..	..
4.49	2.75	1.37	..	1.37	..	17.05	10.00	..	..
0.60	0.60	0.60	0.60	0.60	0.60	2.50	2.50	..	..
0.10	..	0.10	..	0.10	..	0.50	..	..	..
0.70	0.60	0.70	0.60	0.70	0.60	3.00	2.50	..	..

STATEMENT
LIST OF SCHEMES INCLUDED IN

Serial no.	Schemes.	Total esti- mated cost.	Anti- cipated outlay upto 1960-61.	Phasing of			
				1961-62.		1962-63.	
				Total.	Capital.	Total.	Capital.
1	2	3	4	5	6	7	8
N. C. C. AND A. C. C.							
89	Strengthening of Administra- tive Machinery.	3.05	..	2.15	2.00	0.20	..
90	Expansion of N. C. C., Senior Division.	14.70	..	0.096	..	1.304	..
91	N. C. C. Rifles	11.25	..	0.696	..	1.584	..
92	Expansion of N. C. C., Junior Division.	14.25	..	0.877	..	1.303	..
93	Expansion of Technical Units..	18.16	..	1.451	..	2.659	..
94	Expansion of A. C. C. ..	9.14	..	..	..	..	..
	TOTAL	70.55	..	5.27	2.00	7.05	..
SCOUTS AND GUIDES.							
95	Development grant to Scouts and Guides Association.	0.25	..	0.05	..	0.05	..
	TOTAL	0.25	..	0.05	..	0.05	..
	TOTAL—PHYSICAL EDUCATION.	99.28	4.94	11.74	7.01	13.31	4.25
MISCELLANEOUS.							
96	Strengthening of Directorate and Headquarters Establish- ment.	3.00	..	0.18	..	0.42	..
97	Planning-cum-Statistical Units	1.50	..	0.16	..	0.29	..
	TOTAL	4.50	..	0.34	..	0.71	..

A-3—contd.

THE THIRD FIVE-YEAR PLAN—contd.

[RUPEES IN LAKHS.]

outlay 1961—66.

1963-64.		1964-65.		1965-66.		1961—66.		Foreign ex- change.	Balance of cost.
Total.	Capital.	Total.	Capital.	Total.	Capital.	Total.	Capital.		
9	10	11	12	13	14	15	16	17	18
0.20	..	0.23	..	0.27	..	3.05	2.00	..	..
3.20	..	4.50	..	5.60	..	14.70	..	..	..
2.30	..	2.99	..	3.68	..	11.25	..	..	..
2.58	..	4.21	..	5.28	..	14.25	..	..	..
3.35	..	5.05	..	5.65	..	18.16	..	..	..
1.01	..	3.05	..	5.08	..	9.14	..	..	..
12.64	..	20.03	..	25.56	..	70.55	2.00	..	..
0.05	..	0.05	..	0.05	..	0.25	..	..	..
0.05	..	0.05	..	0.05	..	0.25	..	..	..
18.33	3.35	22.68	0.60	28.28	0.60	94.34	15.81	..	..
0.60	..	0.80	..	1.00	..	3.00	..	..	..
0.30	..	0.35	..	0.40	..	1.50	..	..	..
0.90	..	1.15	..	1.40	..	4.50	..	..	..

STATEMENT
LIST OF SCHEMES INCLUDED IN

Serial no.	Scheme.	Total esti- mated cost.	Anti- cipated outlay up to 1960-61.	Phasing of			
				1961-62.		1962-63.	
				Total.	Capital.	Total.	Capital.
1	2	3	4	5	6	7	8
DEVELOPMENT OF SANS- KRIT EDUCATION.							
98	Development and Establishment of Government Sanskrit High Schools.	4.30	..	0.25	0.25	0.94	0.35
99	Development of non-Government Sanskrit High Schools.	2.90	..	0.28	..	0.44	..
100	Assistance to unemployed Sanskrit Pandit for Sanskrit Examination.	0.40	..	..	..	0.10	..
101	Organisation of Sanskrit competition.	0.20	..	0.04	..	0.04	..
102	Provision of training facilities to Sanskrit Teachers.	1.00	..	0.20	..	0.20	..
103	Scholarships and stipends for Sanskrit Studies.	1.1	..	0.20	..	0.22	..
	TOTAL	9.90	..	0.97	0.25	1.94	0.35
DEVELOPMENT OF ARABIC AND PERSIAN EDUCATION.							
104	Development of existing Government Madarsas and opening of new Government Madarsa (Degree level).	1.40	..	..	..	0.25	..
105	Opening of Government Middle (High School level).	1.52	..	..	..	0.15	..
106	Grant to non-Government Madarsas.	1.00	..	0.13	..	0.16	..
107	Provision of training facilities to Arabic and Persian teachers.	0.30	..	0.20	..	0.02	..
108	Scholarships and stipends for Arabic and Persian Studies.	0.58	..	0.10	..	0.11	..
	TOTAL	4.80	..	0.43	..	0.69	..

A-3—*contd.*THE THIRD FIVE-YEAR PLAN—*contd.*

[RUPEES IN LAKHS.]

outlay 1961—66.

1963-64.		1964-65.		1965-66.		1961—66.		Foreign. ex- change.	Balance of cost.
Total.	Capital.	Total.	Capital.	Total.	Capital.	Total.	Capital.		
9	10	11	12	13	14	15	16	17	18
0.97	0.60	1.02	0.60	1.12	0.50	4.30	2.30	..	..
0.64	..	0.73	..	0.81	..	2.90	..	..	..
0.10	..	0.10	..	0.10	..	0.40	..	..	..
0.04	..	0.04	..	0.04	..	0.20	..	..	..
0.20	..	0.20	..	0.20	..	1.00	..	..	..
0.22	..	0.23	..	0.23	..	1.10	..	..	..
2.17	0.60	2.32	0.60	2.50	0.50	9.90	2.30	..	..
0.25	..	0.45	..	0.45	..	1.40	..	..	..
0.32	..	0.49	..	0.56	..	1.52	..	..	..
0.20	..	0.25	..	0.26	..	1.00	..	..	..
0.02	..	0.03	..	0.03	..	0.30	..	..	..
0.12	..	0.12	..	0.13	..	0.58	..	..	..
0.91	..	1.34	..	1.43	..	4.80	..	..	..

STATEMENT
LIST OF SCHEMES INCLUDED IN

Serial no.	Schemes.	Total estimated cost.	Anti-cipated outlay up to 1960-61.	Phasing of			
				1961-62.		1962-63.	
				Total.	Capital.	Total.	Capital.
1	2	3	4	5	6	7	8
EDUCATION OF THE HANDICAPPED.							
109	Development and establishment of Government Schools for Blind, Deaf and Dumb.	3.10	..	..	..	1.12	0.14
110	Assistance to voluntary organisations for development of Education for Handicapped children.	0.75	..	0.15	..	0.15	..
111	Stipends to teachers of training of Blind, Deaf and Dumb Schools.	0.10	..	0.02	..	0.02	..
112	Stipends to Handicapped children.	0.75	..	0.15	..	0.15	..
	TOTAL	4.70	..	0.32	..	1.44	0.14
OTHER MISCELLANEOUS SCHEMES.							
113	Development of Commercial Institutions.	0.50	..	0.10	..	0.10	..
	TOTAL	0.50	..	0.10	..	0.10	..
	TOTAL—MISCELLANEOUS	24.40	..	2.16	0.25	4.88	0.49
SCIENTIFIC AND CULTURAL EDUCATION.							
DEVELOPMENT OF MUSEUM AND ARCHÆOLOGY.							
144	Establishment of a Directorate and Archæology.	2.50	..	0.53	..	0.48	..
115	Development of Museums ..	3.88	..	0.34	..	2.67	2.24
	TOTAL	6.38	..	0.87	..	3.15	2.24

A-3—*contd.*THE THIRD FIVE-YEAR PLAN—*contd.*

[RUPEES IN LAKHS.]

outlay 1961—66.									
1963-64.		1964-65.		1965-66.		1961—66.		Foreign exchange.	Balance of cost.
Total.	Capital.	Total.	Capital.	Total.	Capital.	Total.	Capital.		
9	10	11	12	13	14	15	16	17	18
0.62	0.12	0.66	0.12	0.70	0.12	3.10	0.50	..	..
0.15	..	0.15	..	0.15	..	0.75	..	..	..
0.02	..	0.02	..	0.02	..	0.10	..	..	..
0.15	..	0.15	..	0.15	..	0.75	..	..	..
0.94	0.12	0.98	0.12	1.02	0.12	4.70	0.50	..	..
0.10	..	0.10	..	0.10	..	0.50	..	..	..
0.10	..	0.10	..	0.10	..	0.50	..	..	..
5.02	0.72	5.89	0.72	6.45	0.62	24.40	2.80	..	..
0.49	..	0.49	..	0.51	..	2.50	..	..	..
0.34	..	0.34	..	0.19	..	3.88	2.24	..	..
0.83	..	0.83	..	0.70	..	6.38	2.24	..	..

STATEMENT
LIST OF SCHEMES INCLUDED IN

Serial no.	Schemes.	Total estimated cost.	Anticipated outlay upto 1960-61.	Phasing of out-			
				1961-62.		1962-63.	
				Total.	Capital.	Total.	Capital.
1	2	3	4	5	6	7	8
ARTS AND CULTURAL EDUCATION.							
116	Development of State Board of Cultural Education and Re-organisation of Modmandalies.	8.61	..	1.67	..	1.70	..
117	Construction of State Theatre Hall at Patna.	7.40	1.00	3.00	3.00	2.35	2.00
118	Establishment of a Government College of Music at Patna.	3.39	..	..	..	1.00	1.00
119	Provincialisation of Bharatiya Nritya Kalamandir.	3.46	..	1.19	0.54	0.53	..
120	Assistance to Institutions devoted to Music, Dance, Drama, and Fine Arts.	2.30	..	0.50	0.05	0.45	..
121	Development of Folk Dance and Music in Tribal Areas.	1.00	..	0.20	..	0.20	..
122	Organisation of Festivals, Cultural Functions and Annual Competition for Music, Dance and Drama.	0.50	..	0.10	..	0.10	..
123	Development of Nava Nalanda Mahavihars of Post-Graduate Studies in Pali and Budhology.	5.50	..	0.79	0.20	1.22	0.50
124	Development of Vaishali Institute of Post-Graduate Studies and Research in Prakrit Jainology and Ahinsa.	5.90	..	0.38	..	1.40	1.00
125	Tagore centenary celebrations	1.00	..	1.00	..	..	..
TOTAL—		39.06	1.00	8.83	3.79	8.95	4.50
TOTAL—CULTURAL AND SCIENTIFIC.		45.44	1.90	9.70	3.79	12.10	6.74
TOTAL—GENERAL EDUCATION.		34,15.84	57.28	4,08.30	1,32.90	5,51.14	1,54.84
GRAND TOTAL .. EDUCATION.		.. 34,61.28	58.28	4,18.00	1,36.69	5,63.24	1,61.58

A-3—contd.

THE THIRD FIVE-YEAR PLAN—contd.

[RS. IN LAKH.]

lay 1961—66.									
1963-64.		1964-65.		1965-66.		1961—66.		Foreign exchange.	Balance of cost.
Total.	Capital.	Total.	Capital.	Total.	Capital.	Total.	Capital.		
9	10	11	12	13	14	15	16	17	18
1.72	..	1.78	..	1.74	..	8.61	..	..	..
0.85	0.75	0.10	..	0.10	..	6.40	5.75	..	..
1.49	1.00	0.43	..	0.47	..	3.39	2.00	..	..
0.56	..	0.58	..	0.60	..	3.46	0.54	..	..
0.45	..	0.45	..	0.45	..	2.30	0.05	..	..
0.20	..	0.20	..	0.20	..	1.00	..	..	..
0.10	..	0.10	..	0.10	..	0.50	..	..	..
1.66	1.00	0.89	..	0.94	..	5.50	1.70	..	..
2.46	2.00	1.11	0.62	0.55	..	5.90	3.62	..	..
..	..	..	..	..	..	1.00	..	..	..
9.49	4.75	5.64	0.62	5.15	..	38.06	13.66	..	..
10.32	4.75	6.47	0.62	5.85	..	44.44	15.90	..	..
6,77.52	1,61.06	8,01.23	1,63.59	9,20.37	1,67.85	33,58.56	7,80.24	5.00	..
6,87.84	1,65.81	8,07.70	1,64.21	9,26.22	1,67.85	34,03.00	7,96.14	5.00	..

STATEMENT
LIST OF SCHEMES INCLUDED IN

Serial no.	Name of Schemes,	Total estimated cost.	Anti-cipated outlay upto 1960-61.	Phasing of			
				1961-62.		1962-63.	
				Total.	Capital.	Total.	Capital.
1	2	3	4	5	6	7	8
6.2 TECHNICAL EDUCATION.							
1	Establishment of new Institutions and Development of existing institutions and other schemes.	2,01.71	..	24.00	24.00	14.48	14.48
2	Regional Engineering College, Jamshedpur (State Government share).	20.00	..	5.00	..	3.00	..
<i>New Schemes.</i>							
1	Development of Government School of Arts and Crafts, Patna (For courses of study under the State Board of Technical Education).	6.00	..	1.00	..	1.08	..
2	Part-time courses, Short-term courses and special courses.	12.00	..	0.50	..	2.15	..
3	Co-operative course in Mining Engineering at Bihar Institute of Technology, Sindri.	6.00	..	0.50	..	1.08	..
4	Scholarships for studies within State Institutions and for studies in Institutions outside the State but within India and Scholarships for training abroad.	25.00	..	3.00	..	4.48	..
5	Introduction of five-year integrated degree course at all Engineering Colleges.	40.00	..	4.50	3.00	6.16	4.00
6	Establishment of five Polytechnics four of 180 in Shahabad, Singhbhum, Monghyr and Saran Districts and one of 120 in Santhal Parganas.	95.00	..	10.00	5.00	19.20	9.00
7	Establishment of Technical Institution for Women.	15.00	..	1.00	1.00	2.69	1.00

A-3—*contd.*THE THIRD FIVE-YEAR PLAN—*contd.*

[RS. IN LAKH.]

outlay, 1961—66.

1963-64.		1964-65.		1965-66.		1961—66.		Foreign exchange.	Balance of cost.
Total.	Capital.	Total.	Capital.	Total.	Capital.	Total.	Capital.		
9	10	11	12	13	14	15	16	17	18
14.60	14.60	15.32	15.32	16.60	16.60	85.00	85.00	..	..
3.50	..	4.15	..	4.35	..	20.00	..	..	..
1.20	..	1.32	..	1.40	..	6.00	..	..	..
2.90	..	3.20	..	3.25	..	12.00	..	..	..
1.20	..	1.38	..	1.84	..	6.00	..	1.00	..
5.00	..	6.25	..	6.27	..	25.00	..	..	..
8.00	6.00	10.60	3.00	10.74	2.00	40.00	18.00	1.00	..
21.45	12.00	21.85	7.00	22.50	3.00	95.00	36.00	10.00	..
3.00	..	3.45	..	4.86	..	15.00	2.00	..	..

STATEMENT
LIST OF SCHEMES INCLUDED IN

Serial no.	Schemes.	Total estimated cost.	Anticipated outlay up to 1960-61.	Phasing of			
				1961-62.		1962-63.	
				Total.	Capital.	Total.	Capital.
1	2	3	4	5	6	7	8
8	Expansion of B. I. T., Sindri N. I. T. and R.C.E., Patna for degree courses in basic engineering subjects (134 seats).	30.00	..	3.00	1.00	5.37	2.00
9	Expansion of Polytechnics for diploma courses at Patna, Muzaffarpur, Bhagalpur and Ranchi (240 additional seats).	20.00	..	1.00	1.00	3.58	2.00
10	Establishment of six Junior Technical Schools as attached to Polytechnics and two Schools as Independent institutions.	50.00	..	5.00	2.00	8.96	3.00
11	Establishment of an Institute for leather tanning and leather goods manufacture at diploma level (to be attached to State Tannery).	6.00	..	0.50	0.50	1.08	1.08
12	Introduction of Architectural and Engineering Draftsmanship at selected polytechnics.	4.00	..	0.50	..	0.72	..
13	Establishment of an Institution for Chemical Operators Training in association with Chemical Industry.	6.00	..	..	..	1.08	..
14	Establishment of evening mining classes in Bokaro Barkakana Coalfield and part-time courses in the existing mining schools.	15.00	..	2.00	2.00	2.69	1.00
15	Development of E. I. T., Sindri for advanced scientific studies and research in basic sciences, viz, Physics, Chemistry and Mathematics.	20.00	..	2.00	1.00	3.58	2.00
16	Expansion of Directorate of Technical Education and State Board of Technical Education.	4.00	..	0.50	..	0.72	..

A-3—contd.

THE THIRD FIVE-YEAR PLAN—contd.

[Rs. IN LAKH.]

outlay, 1961—66.									
1963-64.		1964-65.		1965-66.		1961—66.		Foreign exchange.	Balance of cost.
Total.	Capital.	Total.	Capital.	Total.	Capital.	Total.	Capital.		
9	10	11	12	13	14	15	16	17	18
6.10	2.00	7.40	1.00	8.13	1.00	33.00	7.00	4.00	..
4.00	2.00	4.60	1.00	6.82	1.00	20.00	7.00	2.00	..
10.00	2.00	12.80	1.00	13.24	..	50.00	8.00	1.00	..
1.20	0.42	1.38	..	1.84	..	6.00	2.00	0.50	..
0.80	..	0.92	..	1.06	..	4.00	..	..	..
1.20	..	1.78	..	1.94	..	6.00	..	..	..
3.00	..	3.45	..	3.36	..	15.00	3.00	..	..
4.00	2.00	5.10	2.00	5.32	..	20.00	7.00	2.00	..
0.80	..	0.92	..	1.06	..	4.00	..	..	..

STATEMENT
LIST OF SCHEMES INCLUDED

Serial no.	Schemes.	Total estimated cost.	Anti-cipated outlay up to 1960-61.	Phasing			
				1961-62.		1962-63.	
1	2	3	4	Total.	Capital.	Total.	Capital.
				5	6	7	8
17	Provision of general service facilities, viz., roads, electrification, medical, water-supply, etc., at technical institutions.	10.00	..	1.00	1.00	1.80	1.80
18	Scheme of practical training in mining areas on apprenticeship, basic construction of hostels and payment of stipends (outside the Central schemes).	10.00	..	2.00	1.50	2.00	1.50
19	Rehabilitation of equipment at Bihar College of Engineering, Patna and other Institutions.	5.00	..	1.00	1.00	1.00	1.00
20	Provision of staff quarters (for residential institutions and others).	20.00	..	3.00	3.00	3.38	3.38
TOTAL—TECHNICAL EDUCATION.		6,20.71	..	71.00	47.00	90.28	47.24

HEALTH**PRIMARY HEALTH UNITS.****HOSPITALS AND DISPENSARIES.**

1	Improvement and expansion of P.M.C.H.	70.00	..	10.15	10.15	15.00	10.00
2	I. N. Health Services in Flood Affected areas.	15.00	..	1.47	1.47	5.00	3.53
3	Improvement and expansion of Sadar Hospitals.	93.00	..	6.41	6.41	8.00	8.00
4	Improvement and expansion of Subdivisional Hospitals.	1,05.00	..	14.97	14.97	11.50	9.00
5	Thana Dispensaries	10.00	..	1.15	1.15	3.00	2.00
6	Provincialisation of rural dispensaries.	35.00	..	4.00	1.00	6.00	3.00

A-3—contd:

IN THE THIRD FIVE-YEAR PLAN—Contd.

[Rs. IN LAKH.]

of outlay, 1961—66.								Foreign exchange.	Balance of cost.
1963-64.		1964-65.		1965-66.		1961—66.			
Total.	Capital.	Total.	Capital.	Total.	Capital.	Total.	Capital.		
9	10	11	12	13	14	15	16	17	18
2.00	2.00	2.30	2.00	2.90	2.20	10.00	9.00	..	..
2.00	1.00	2.00	1.00	2.00	..	10.00	5.00	..	..
1.00	1.00	1.00	1.00	1.00	1.00	5.00	5.00	2.00	..
3.85	3.85	4.75	4.75	5.02	5.02	20.00	20.00	..	..
1,00.80	48.87	1,15.92	39.07	1,26.00	31.82	5,04.00	2,14.00	23.50	..
13.00	8.00	6.00	1.85	5.85	..	50.00	30.00	5.00	20.00
4.00	3.00	2.53	1.00	2.00	..	15.00	9.00	..	..
12.00	9.00	14.00	8.00	12.59	6.59	53.00	38.00	..	40.00
14.00	9.00	15.00	9.00	9.53	8.03	65.00	50.00	..	40.00
3.00	2.00	1.85	1.85	1.00	1.00	10.00	8.00	..	..
10.00	6.00	8.00	6.00	7.00	4.00	35.00	20.00	..	..

STATEMENT
LIST OF SCHEMES INCLUDED

Serial no.	Schemes.	Total esti- mated cost.	Anti- cipated outlay up to 1960-61.	Phasing			
				1961-62.		1962-63.	
				Total.	Capital.	Total.	Capital.
1	2	3	4	5	6	7	8
7	Health Centres in N. E. S. Blocks.	2,35.00	..	7.445	2.00	33.555	12.00
8	Opening of dispensaries in backward areas.	15.00	..	1.50	1.00	3.00	2.00
9	Dental Centres	3.00	..	..	..	0.50	..
10	Improvement of Indian Mental Hospital.	20.00	..	1.00	..	3.00	2.00
11	Hospital for incurable mental diseases.	18.00	..	..	..	..	..
12	New Mental Hospital ..	..	..	Dropped.			
TOTAL		6 20.00	..	48.095	38.15	93.555	51.53
CONTROL OF COMMUNICABLE DISEASES.							
13	Anti-T.B. Measures	20.00	..	3.92	3.92	5.00	3.03
14	Leprosy Control	40.00	..	1.80	1.20	8.00	2.50
15	V. D. Control	3.00	..	..	..	0.80	0.80
16	T. B. Clinics including domiciliary services.	60.00	..	4.70	4.70	10.30	6.30
17	National Malaria Eradication Programme.	4,50.00	..	1,65.00	..	1,24.00	..
18	B. C. G. Vaccination Schemes	2.00	..	..	..	0.50	..
19	National Filaria Control Programme.	3.00	..	..	..	0.50	..
20	Trachoma Control	2.00	..	..	..	..	..
21	Small-pox Eradication	90.00	..	4.00	..	21.00	..
22	Psychiatric and Child Guidance Clinic.	2.00	..	..	..	..	..
23	T. B. Rehabilitation Centres ..	..	..	Dropped.			
TOTAL		6,72.00	..	1,79.42	9.82	1,70.10	12.63

A-3—contd.

IN THE THIRD FIVE-YEAR PLAN—contd.

[RS. IN LAKHS].

of outlay, 1961—66.								Foreign exchange.	Balance of cost.
1963-64.		1964-65.		1965-66.		1961—66.			
Total.	Capital.	Total.	Capital.	Total.	Capital.	Total.	Capital.		
9	10	11	12	13	14	15	16	17	18
50.00	15.00	60.00	15.00	80.00	6.00	2,36.00	50.00	..	..
3.50	2.00	3.50	3.00	3.50	2.00	15.00	10.90	..	..
1.00	..	1.00	..	0.50	..	3.00	..	..	..
6.00	2.00	5.00	5.00	5.00	4.00	20.00	13.00	..	..
1.00	1.00	4.00	3.00	3.00	..	8.00	4.00	..	10.00
Dropped.				Dropped.					
1,17.50	57.00	1,20.88	53.70	1,29.97	31.62	5,10.00	2,32.00	5.00	1,10.00
5.00	..	3.08	..	3.00	..	20.00	7.00	..	..
10.20	2.50	10.00	2.00	10.00	0.80	40.00	9.00	..	..
1.00	1.00	0.60	..	0.60	..	3.00	1.80	..	..
12.00	4.00	16.00	2.00	17.00	..	60.00	17.00	2.50	..
90.00	..	41.00	..	30.00	..	4,50.00	..	..	..
0.50	..	0.50	..	0.50	..	2.00	..	..	..
0.50	..	1.00	..	1.00	..	3.00	..	..	..
0.60	..	0.70	..	0.70	..	2.00	..	..	..
30.00	..	18.00	..	17.00	..	90.00	..	..	..
0.50	..	0.75	..	0.75	..	2.00	..	..	..
Dropped				Dropped.					
1,50.30	7.50	91.63	4.00	80.55	0.80	6,72.00	34.80	2.50	..

STATEMENT
LIST OF SCHEMES INCLUDED

Serial no.	Schemes.	Total estimated cost.	Anti-cipated outlay up to 1960-61.	Phasing				
				1961-62.		1962-63.		
1	2	3	4	Total.	Capital.	Total.	Capital.	
EDUCATION AND TRAINING.								
24	Maternity and Child Welfare Centres.	4.00	..	..	..	1.00	0.50
25	Improvement of Patna Medical College.	5.00	..	..	..	0.78	..
26	Improvement of Darbhanga Medical College Hospital.	85.00	..	8.67	8.67	16.00	15.33	
27	Post-graduate Training Abroad	5.00	..	0.50	..	1.00	..	
28	Re-organisation of Nursing Services.	30.00	..	0.60	0.60	4.00	3.00	
29	Ranchi Medical College and Hospital.	4,27.15	1,37.15	27.335	25.375	72.025	52.035	
30	Teaching of Pharmacy ..	6.00	..	0.50	0.50	2.50	2.00	
31	Department of Preventive and Social Medicines.	4.00	..	0.40	0.40	1.60	1.60	
32	Dental College ..	14.00	..	1.25	1.00	5.00	4.50	
33	Public Health Institute ..	5.00	..	2.96	..	1.00	..	
34	Health Education ..	2.00	..	..	..	0.50	..
	TOTAL	5,87.15	1,37.15	42.215	36.545	1,05.405	78.965
INDIGENOUS SYSTEM OF MEDICINES.								
35	Expansion of separate Pharmacy of Ayurvedic and Unani Medicines.	2.00	..	..	..	0.80	..
36	Improvement of Government Ayurvedic College, Patna.	3.00	..	1.37	1.37	0.80	..	
37	Opening of new Government Ayurvedic Dispensaries.	5.00	..	..	..	0.85	0.25
38	Establishment of a Research Unit of Ayurvedic and Unani medicines.	1.00	..	..	..	0.10	..

A-3— contd.

IN THE THIRD FIVE-YEAR PLAN—contd.

[RS. IN LAKHS.]

of outlay, 1961—66.								Foreign exchange.	Balance of cost.
1963-64.		1964-65.		1965-66.		1961—66.			
Total.	Capital.	Total.	Capital.	Total.	Capital.	Total.	Capital.		
9	10	11	12	13	14	15	16	17	18
1.00	0.50	1.00	..	1.00	..	4.00	1.00	..	..
1.00	..	1.50	..	1.72	..	5.00	..	..	..
20.00	11.00	20.00	15.00	20.33	15.00	85.00	65.00	5.00	..
1.00	..	1.00	..	1.50	..	5.00	..	5.00	..
10.00	5.40	10.00	6.00	5.40	3.00	30.00	18.00	..	..
60.00	50.00	55.00	50.00	35.64	2.59	2,50.00	1,81.00	10.00	40.00
1.00	1.00	1.00	0.50	1.00	..	6.00	4.00	..	..
1.00	0.50	1.00	..	..	..	4.00	2.50	..	..
4.00	3.00	2.00	..	1.75	..	14.00	8.50	2.50	..
1.04	..	..	..	..	..	5.00	..	..	..
0.50	..	0.50	..	0.50	..	2.00	..	..	..
1,00.54	71.40	93.00	71.50	68.84	20.59	4,10.00	2,79.00	22.50	40.00
0.40	..	0.40	..	0.40	..	2.00	..	..	..
0.40	..	0.23	..	0.20	..	3.00	1.37	..	..
1.65	0.25	1.20	..	1.30	..	5.00	0.50	..	..
0.30	..	0.30	..	0.30	..	1.00	..	..	..

STATEMENT
LIST OF SCHEMES INCLUDED IN

Serial no.	Schemes.	Total estimated cost.	Anticipated outlay up to 1960-61.	Phasing of				
				1961-62.		1962-63.		
				Total.	Capital.	Total.	Capital.	
1	2	3	4	5	6	7	8	
39	Establishment of Homeopathic College at Patna.	10.00	..	..	..	4.00	4.00
40	Nationalisation of Private Ayurvedic Colleges (Changed two assistance).	8.00	..	..	..	1.00	..
41	Improvement of Government Tibbi College, Patna.	28.00	..	..	..	3.75	2.50
42	Opening of New Government Unani Dispensaries.	5.00	..	..	..	0.85	0.25
	TOTAL	62.00	..	1.37	1.37	12.15	7.00	
	FAMILY PLANNING.							
43	Family Planning	40.00	..	2.00	..	8.00	..	
	TOTAL	40.00	..	2.00	..	8.00	..	
	OTHERS.							
44	Administration of Plan	6.00	..	0.40	0.15	1.00	0.50	
45	Drugs Control	2.50	..	0.50	..	1.00	..	
46	T. B. Demonstration Centre ..	10.00	..	2.50	2.50	3.00	3.00	
47	School Health Services	15.00	..	..	..	2.00	..
48	Health Statistical and Epidemiological Unit.	4.50	..	..	..	0.50	..
49	Transfusion Services	4.00	..	..	..	0.50	..
50	Virus Laboratory	4.00	..	0.25	0.25	1.00	1.00	
51	Medical Research	20.00	..	0.25	..	3.00	..	
		66.00	..	3.90	2.90	12.00	4.50	
	TOTAL	20,47.15	1,37.15	2,77.00	88.785	4,01.21	1,54.675	

A-3—contd.

THE FIVE-YEAR PLAN—contd.

[RUPEES IN LAKHS.]

outlay, 1961—66.									
1963-64.		1964-65.		1965-66.		1961—66.		Foreign exchange.	Balance of cost.
Total.	Capital.	Total.	Capital.	Total.	Capital.	Total.	Capital.		
9	10	11	12	13	14	15	16	17	18
4.00	4.00	1.25	..	0.75	..	10.00	8.00	..	..
3.50	..	2.00	..	1.50	..	8.00	..	..	..
3.25	3.00	0.50	0.50	0.50	..	8.00	6.00	..	20.00
1.65	0.25	1.20	..	1.30	..	5.00	0.50	..	..
15.15	7.50	7.08	0.50	6.25	..	42.00	16.37	..	20.00
10.00	..	10.00	..	10.00	..	40.00	..	..	..
10.00	..	10.00	..	10.00	..	40.00	..	..	..
1.60	1.00	1.50	0.85	1.50	..	6.00	2.50	..	..
1.90	..	..	..	..	..	2.50	..	..	..
4.50	1.00	..	..	..	..	10.00	6.50	2.50	..
4.00	..	4.00	..	5.00	..	15.00	..	..	..
1.00	..	1.50	..	1.50	..	4.50	..	..	..
1.00	0.50	1.00	0.50	1.50	..	4.00	1.00	..	..
1.00	1.00	1.90	0.25	0.25	..	4.00	2.50	..	..
5.00	..	6.00	..	5.75	..	20.00	..	..	..
19.10	3.50	15.00	1.60	16.00	..	66.00	12.50	2.50	..
4,12.59	1,46.90	3,37.59	1,31.30	3,11.61	53.01	17,40.00	5,74.67	32.50	1,70.00

STATE-
LIST OF SCHEMES INCLUDED IN

Serial no.	Schemes.	Total estimated cost.	Antici- pated outlay up to 1960-61.	Phasing of			
				1961-62.		1962-63.	
				Total.	Capital.	Total.	Capital.
1	2	3	4	5	6	7	8
L. S.-G. HEALTH							
52	(a) Urban Water-Supply ..	1,68.00	..	34.00	34.00	48.00	48.00
	(b) Rural Water-Supply ..	8.00	..	8.00	8.00	..	..
	(c) Drainage and Sewerage in Urban area.	1,32.00	..	10.00	10.00	25.00	25.00
	(d) Rural Drainage ..	2.00	..	2.00	2.00	..	..
GRAND TOTAL—HEALTH ..		23,57.15	1,37.15	3,31.00	1,42.78	4,74.21	2,27.67
8.5 HOUSING.							
1	Subsidised Industrial Housing Scheme.	2,25.00	53.00	34.00	34.00	40.00	40.00
2	Low Income Group Housing Scheme.	2,25.00	51.60	26.00	26.00	40.00	40.00
3	Slum Clearance Scheme ..	25.00	2.74	5.00	5.00	5.00	5.00
4	Village Housing Project Scheme.	1,00.00	0.50	5.00	5.00	15.00	15.00
TOTAL ..		5,75.00	1,07.84	70.00	70.00	1,00.00	1,00.00
6.6 WELFARE OF BACKWARD CLASSES.							
(A) Scheduled Tribes.							
I. EDUCATION.							
1	Stipend to High School students.	..	..	18.00	..	19.80	..
2	Stipends to students in Technical institutions (except Post-Matric students).	..	..	0.75	..	0.77	..

MENT A-3—*contd.*IN THE THIRD FIVE-YEAR PLAN—*contd.*

(RUPEES IN LAKHS.)

outlay, 1961—66.

1963-64.		1964-65.		1965-66.		1961—66.		Foreign exchange.	Balance of cost.
Total.	Capital.	Total.	Capital.	Total.	Capital.	Total.	Capital.		
9	10	11	12	13	14	15	16	17	18
54.00	54.00	62.00	62.00	70.00	70.00	2,68.00	2,68.00	8.00	..
..	..	..	..	..	..	8.00	8.00	..	..
29.00	29.00	33.00	33.00	35.00	35.00	1,32.00	1,32.00	30.65	..
..	..	..	..	..	..	2.00	2.00	..	..
4,95.59	2,29.90	4,32.59	2,26.30	4,16.61	1,58.01	21,50.00	9,84.67	71.15	1,70.00
46.00	46.00	50.00	50.00	55.00	55.00	2,25.00	2,25.00	..	..
50.00	50.00	54.00	54.00	55.00	55.00	2,25.00	2,25.00	..	..
5.00	5.00	5.00	5.00	5.00	5.00	25.00	25.00	..	..
25.00	25.00	25.00	25.00	30.00	30.00	1,00.00	1,00.00	..	..
1,26.00	1,26.00	1,34.00	1,34.00	1,45.00	1,45.00	5,75.00	5,75.00	..	..
21.60	..	23.40	..	25.20	..	1,08.00	..	..	..
0.80	..	0.83	..	0.85	..	4.00	..	..	..

STATEMENT
LIST OF SCHEMES INCLUDED

Serial no.	Schemes.	Total. esti- mated cost.	Antici- pated outlay up to 1960-61.	Phasing of outlay,			
				1961-62.		1962-63.	
1	2	3	4	Total	Capital.	Total.	Capital.
3	Book grants to High School Students.	..	..	0.30	..	0.35	..
4	Exemption from payment of half tuition fees to Secondary School students, including Middle schools, to give them full exemption (for non-Government Schools).	..	..	8.00	..	8.50	..
5	Educational grants to Primary and Middle school students.	..	..	7.00	..	7.25	..
6	Re-imbursement grants to School Examination Board to compensate for loss in examination fee income.	..	..	0.30	..	0.35	..
7	Opening of hostels	..	..	4.00	4.00	8.00	7.00
8	Opening of Residential Schools	..	..	4.00	..	4.10	3.00
9	Grant-in-aid for publication in tribal languages and tribal culture and for encouragement of dance, drama and music in recognised institutions.	..	..	0.15	..	0.15	..
TOTAL		..	..	42.50	4.00	49.30	10.00
II. ECONOMIC UPLIFT.							
10	Graingolias	..	..	6.10	..	14.10	..
11	Grant of subsidy to Agriculturists for purchase of bullocks seeds and Agricultural implements.	..	..	2.00	..	2.00	..

A-8.—*contd.*IN THE THIRD FIVE-YEAR PLAN—*contd.*

(RUPEES IN LAKHS.)

1961—66.									
1963-64.		1964-65.		1965-66.		1961—66.		Foreign. exchange.	Balance of cost.
Total.	Capital.	Total.	Capital.	Total.	Capital.	Total.	Capital.		
9	10	11	12	13	14	15	16	17	18
0.40	..	0.45	..	0.50	..	2.00	..	..	..
9.00	..	9.50	..	10.00	..	45.00	..	..	..
7.50	..	7.95	..	8.30	..	38.00	..	..	..
0.40	..	0.45	..	0.50	..	2.00	..	..	..
9.00	7.00	9.50	7.00	10.50	7.00	41.00	32.00	..	..
4.20	4.00	4.30	3.00	4.40	..	21.00	10.00	..	..
0.20	..	0.22	..	0.25	..	1.00	..	..	..
53.10	11.00	56.60	10.00	60.50	7.00	262.00	42.00	..	..
15.90	..	17.60	..	19.30	..	73.00	..	..	..
2.00	..	2.00	..	2.00	..	10.00	..	..	..

STATEMENT
LIST OF SCHEMES INCLUDED

Serial no.	Schemes.	Total esti- mated cost.	Antici- pated outlay up to 1960-61.	Phasing of outlay,			
				1961-62.		1962-63.	
				Total.	Capital.	Total.	Capital.
1	2	3	4	5	6	7	8
12	Distribution of improved bucks and improved boars.	..	..	0.20	..	0.20	..
13	Distribution of improved poultry on subsidised rates in tribal areas.	..	..	0.20	..	0.20	..
14	Grant of subsidy for develop- ment of Cottage Industries.	..	..	0.50	..	0.50	..
TOTAL		..	..	9.00	..	17.00	..
III. HEALTH, HOUSING AND OTHER SCHEMES.							
15	Drinking Water-Supply	..	..	1.00	..	1.00	..
16	Grant-in-aid to Non-official Institutions working for the welfare of Scheduled Tribes.	..	..	1.00	..	1.00	..
17	Medical Aid	..	..	0.60	..	0.60	..
18	Construction of village roads, hillpathways and culverts.	..	..	1.00	1.00	1.00	1.00
19	Setting upon organisation for dealing with research, plan- ning co-ordination and evaluation.	..	..	1.00	..	6.10	..
TOTAL		..	..	4.60	1.00	9.70	1.00
GRAND TOTAL..		..	..	56.10	5.00	76.00	11.00

A-3—contd.

IN THE THIRD FIVE-YEAR PLAN—contd.

(RUPEES IN LAKHS.)

1961—66.									
1963-64.		1964-65.		1965-66.		1961—66.		Foreign exchange.	Balance of cost.
Total.	Capital.	Total.	Capital.	Total.	Capital.	Total.	Capital.		
9	10	11	12	13	14	15	16	17	18
0.20	..	0.20	..	0.20	..	1.00	..	..	..
0.20	..	0.20	..	0.20	..	1.00	..	..	..
0.60	..	0.70	..	0.70	..	3.00	..	..	..
18.90	..	20.70	..	22.40	..	88.00	..	..	..
1.00	..	1.00	..	1.00	..	5.00	..	..	..
1.00	..	1.00	..	1.00	..	5.00	..	..	..
0.60	..	0.60	..	0.60	..	3.00	..	..	..
1.00	1.00	1.00	1.00	1.00	1.00	5.00	5.00	..	..
5.40	..	6.10	..	6.40	..	25.00	..	..	..
9.00	1.00	9.70	1.00	10.00	1.00	43.00	5.00	..	..
81.00	12.00	87.00	11.00	92.90	8.00	3,93.00	47.00	..	..

STATEMENT
LIST OF SCHEMES INCLUDED

Serial no.	Schemes.	Total estimated cost.	Antici- pated outlay up to 1960-61.	Phasing of			
				1961-62.		1962-63.	
				Total.	Capital.	Total.	Capital.
1	2	3	4	5	6	7	8
B.-SCHEDULED CASTES.							
I. EDUCATION.							
20	Stipends to High School students	..	..	15.00	..	18.85	..
21	Stipends to students in Technical institutions (except Post-Matric stipends).	..	..	0.50	..	0.50	..
22	Book-grants to High School students.	..	..	0.40	..	0.45	..
23	Educational grants to Primary and Middle School students.	..	..	11.66	..	11.66	..
24	Reimbursement grant to School Examination Board to compensate loss in examination fees.	..	..	0.40	..	0.50	..
25	Opening of hostels for Scheduled Castes.	..	..	3.00	3.00	7.00	6.00
26	Opening of Residential Schools	..	..	5.00	5.00	11.00	7.00
27	Stipends for encouragement of dance, drama & music in recognised institutions.	..	..	0.04	..	0.04	..
	TOTAL	..	..	36.00	8.00	50.00	13.00
II. ECONOMIC UPLIFT.							
28	Graingolas	..	..	0.20	..	0.35	..
29	Organisation of Co-operative Societies for municipal and conservancy staff.	..	..	0.10	..	0.15	..
30	Grant of subsidy for development of Cottage Industry.	..	..	0.60	..	0.80	..
31	Grant of subsidy to agriculturists for purchase of bullocks, seeds and agricultural implements.	..	..	1.10	..	1.20	..
	TOTAL	..	..	2.00	..	2.30	..

A-3—contd.

IN THE THIRD FIVE-YEAR PLAN—contd.

[RUPEES IN LAKHS.]

outlay, 1961—66.

1963-64.		1964-65.		1965-66.		1961—66.		Foreign exchange.	Balance of cost.
Total.	Capital.	Total.	Capital.	Total.	Capital.	Total.	Capital.		
9	10	11	12	13	14	15	16	17	18
21.60	..	24.05	..	26.50	..	1,06.00	..	..	..
0.65	..	0.65	..	0.70	..	3.00	..	..	..
0.50	..	0.55	..	0.60	..	2.50	..	..	..
12.11	..	12.21	..	12.66	..	60.30	..	..	..
0.60	..	0.70	..	0.80	..	3.00	..	..	..
8.00	7.00	9.00	7.00	10.00	7.00	37.00	30.00	..	..
13.00	9.00	15.00	11.00	17.00	13.00	61.00	45.00	..	..
0.04	..	0.04	..	0.04	..	0.20	..	..	..
56.50	16.00	62.20	18.00	68.30	20.00	273.00	75.00	..	..
9.45	..	0.50	..	0.50	..	2.00	..	..	..
25	..	0.25	..	0.25	..	1.00	..	..	..
0.60	..	0.60	..	0.60	..	3.00	..	..	..
1.40	..	1.65	..	1.65	..	7.00	..	..	..
2.70	..	3.00	..	3.00	..	13.00	..	..	..

STATEMENT
LIST OF SCHEMES INCLUDED

Serial no.	Schemes.	Total estimated cost.	Anti-cipated outlay up to 1960.61.	Phasing of			
				1961-62.		1962-63.	
				Total.	Capital.	Total.	Capital.
1	2	3	4	5	6	7	8
III. HEALTH, HOUSING AND OTHER SCHEMES.							
32	Drinking Water-Supply ..	..	..	1.00	..	1.00	..
33	Medical Aid ..	..	..	0.40	..	0.40	..
34	Grant-in-aid to non-official institutions working for the welfare of Scheduled Castes.	..	..	0.40	..	0.40	..
	TOTAL	..	..	1.80	..	1.80	..
		..	..	39.80	8.00	54.10	13.00
(SCHEDULED CASTES.)							
C. OTHERS.							
I. EDUCATION.							
35	Award of stipends to High School students.	..	..	3.40	..	4.10	..
36	Award of stipends to students in technical institutions (except Post-Matric stipends).	..	..	0.30	..	0.35	..
	Educational grants to Middle and Primary School students.	..	..	2.00	..	2.05	..
38	Reimbursement grant to School Examination Board to compensate loss in examination fee-income.	..	..	0.40	..	0.40	..
	TOTAL	..	..	6.10	..	6.90	..
	GRAND TOTAL FOR STATE PLAN OF WELFARE OF BACKWARD CLASSES.	..	..	1,02.00	13.00	1,37.00	24.00

A-3—*contd.*IN THE THIRD FIVE-YEAR PLAN—*contd.*

[RUPEES IN LAKHS.]

outlay, 1961—66.

1963-64.		1964-65.		1965-66.		1961—66.		Foreign ex- change.	Balance of cost.
Total.	Capital.	Total.	Capital.	Total.	Capital.	Total.	Capital.		
9	10	11	12	13	14	15	16	17	18
1.00	..	1.00	..	1.00	..	5.00	..	..	..
0.40	..	0.40	..	0.40	..	2.00	..	..	..
0.40	..	0.40	..	0.40	..	2.00	..	..	..
1.80	..	1.80	..	1.80	..	9.00	..	..	..
61.00	16.00	67.00	18.00	73.10	20.00	2,95.00	75.00	..	..
4.80	..	5.50	..	6.20	..	24.00	..	..	..
0.40	..	0.45	..	0.50	..	2.00	..	..	..
2.40	..	2.65	..	2.90	..	12.00	..	..	..
0.40	..	0.40	..	0.40	..	2.00	..	..	..
8.00	..	9.00	..	10.00	..	40.00	..	..	..
1,50.00	28.00	1,63.00	29.00	1,76.00	28.90	7,28.00	1,22.00	..	..

STATEMENT
LIST OF SCHEMES INCLUDED

Serial no.	Schemes.	Total esti- mated cost.	Anti- cipated outlay up to 1960-61.	Phasing of out			
				1961-62.		1962-63.	
				Total.	Capital.	Total.	Capital.
1	2	3	4	5	6	7	8
6.7. SOCIAL WELFARE.							
SOCIAL AND MORAL HYGIENE AND AFTER-SERVICES.							
1	Aftercare of delinquency ..	1.50	..	0.17	..	0.60	..
2	State Homes of/10 Distt. Shelters	2.50	..	0.14	..	0.59	..
SOCIAL DEFENCE.							
1	Probation Services ..	5.00	..	0.64	..	0.85	..
2	Probation Hostels and Houses	1.25	..	0.11	..	0.33	..
3	Beggars' Home ..	1.00	..	0.14	..	0.21	..
4	Care for Women ..	3.00	..	0.22	..	0.50	..
5	Care for Children ..	3.00	..	0.18	..	0.31	..
STATE WELFARE BOARD SCHEMES.							
1	Welfare Extension Projects ..	3.30	..	3.30	..	..	..
2	Other Schemes ..	..	..	..	..	..	..
OTHER SCHEMES.							
1	Training Research and Publication.	1.28†	..	0.10	..	0.28	..
2	Care for Women (appoint- ment of field staff).	0.57	..	..	..	..	..
3	Schemes for Social Welfare	14.09	..	..	..	..	..
TOTAL—SOCIAL WELFARE		36.49	..	5.00	..	3.67	..
PUBLIC CO-OPERATION.							
1	Planning Forums ..	..	0.25*	..	..	..	..
GRAND TOTAL—SOCIAL WELFARE AND PUBLIC CO-OPERATION.		36.74	..	5.00	..	3.67	..

*Detailed break-up to be worked out later.

†Except for this scheme all other schemes indicate provision for the State share only.

A-3—contd.

IN THE THIRD FIVE-YEAR PLAN —contd.

[RUPEES IN LAKHS.]

lay, 1961—66.

1963-64.		1964-65.		1965-66.		1961—66.		Foreign ex- change.	Balance of cost.
Total.	Capital.	Total.	Capital.	Total.	Capital.	Total.	Capital.		
9	10	11	12	13	14	15	16	17	18
0.25	..	0.24	..	0.24	..	1.50	..	..	..
0.59	..	0.59	..	0.59	..	2.50	..	..	..
1.05	..	1.23	..	1.23	..	5.00	..	..	..
0.25	..	0.31	..	0.25	..	1.25	..	..	..
0.21	..	0.22	..	0.22	..	1.00	..	..	..
0.30	..	0.34	..	0.39	..	1.75	..	..	..
0.85	..	0.80	..	0.86	..	3.00	..	..	..
..	3.30	..	..	..
..
0.30	..	0.30	..	0.30	..	1.28	..	..	..
..	0.57*	..	..	..
..	14.09*	..	..	..
3.80	..	4.03	..	4.08	..	35.24	..	..	..
..	0.25*	..	..	..
3.80	..	4.03	..	4.08	..	35.49	..	..	..

STATEMENT
LIST OF SCHEMES INCLUDED

Serial no.	Schemes.	Total estimated cost.	Anti-icipated outlay up to 1960-61.	Phasing of out			
				1961-62.	1962-63.	Total.	Capital.
1	2	3	4	5	6	7	8
6.8 LABOUR AND LABOUR WELFARE.							
1	Prevention of accidents and extension of safety provisions in Factories—Increase in productivity.	3.15	..	0.08	..	0.32	..
2	Training of personnel of the Boiler Inspectorate for increase in operation efficiency and Fuel Economy.	1.42	..	0.04	..	0.15	..
3	Development of Personnel Advisory Service—Enforcement of Code of Discipline and general improvement of Industrial Relations.	6.90	..	0.18	..	0.99	..
4	Expansion of Research Information and Statistics Division.	7.00	..	0.50	..	0.60	..
WELFARE.							
5	Opening of Utility Centres ..	12.00	..	2.50	2.10	2.36	1.77
6	Rest Houses for Workers ..	4.73	..	3.29	2.70	0.29	..
7	Financial assistance to Voluntary Labour Welfare Centres.	1.00	..	0.20	..	0.20	..
8	Financial assistance to workers, Co-operative and Credit Societies.	5.00	..	1.00	..	1.00	..
9	Employees' State Insurance Scheme.	27.00	..	0.45	..	4.37	..
MAN-POWER AND EMPLOYMENT.							
10	Expansion of the coverage of Employment Service.	1.93	..	0.17	..	0.34	..
11	Collection of Employment Market Information.	0.58	..	0.08	..	0.10	..
12	Vocational Guidance Units ..	0.73	..	0.06	..	0.10	..
13	Occupational Research and Analysis.	0.16	..	0.01	..	0.03	..
TOTAL		71.60	..	8.56	4.80	10.85	1.77
CRAFTSMEN TRAINING SCHEME (IND. DEPTT.).		2,54.40	..	30.44	24.00	35.60	25.00
GRAND TOTAL—LABOUR AND LABOUR WELFARE.		2,26.00	..	39.00	28.80	46.45	26.77

A-3—contd.

IN THE THIRD FIVE-YEAR PLAN—contd

[RUPEES IN LAKHS.]

lay, 1961—66.									
1963-64.		1964-65.		1965-66.		1961—66.		Foreign	Balance
Total.	Capital.	Total.	Capital.	Total.	Capital	Total.	Capital.	exchange.	of cost.
9	10	11	12	13	14	15	16	17	18
0.61	..	0.90	..	1.24	..	3.15	..	..	..
0.29	..	0.43	..	0.51	..	1.42	..	..	..
1.65	..	1.87	..	2.21	..	6.90	..	..	..
1.25	..	2.00	..	2.65	..	7.00	..	..	..
1.10	0.33	2.38	1.40	3.66	2.10	12.00	7.70	..	..
0.37	..	0.38	..	0.40	..	4.73	2.70	..	..
0.20	..	0.20	..	0.20	..	1.00	..	..	..
1.00	..	1.00	..	1.00	..	5.00	..	..	..
5.91	..	7.30	..	8.97	..	27.00	..	..	..
0.46	..	0.51	..	0.45	..	1.93	..	..	..
0.13	..	0.13	..	0.14	..	0.58	..	..	..
0.14	..	0.19	..	0.24	..	0.73	..	..	..
0.04	..	0.04	..	0.04	..	0.16	..	..	..
13.15	0.33	17.33	1.40	21.71	2.10	71.60	10.40	..	..
41.87	12.40	48.15	8.40	52.34	5.00	2,08.40	74.80	30.00	..
55.02	12.73	65.48	9.80	74.05	7.10	2,80.00	85.20	30.00	..

A-3—contd.

IN THE THIRD FIVE-YEAR PLAN—contd.

[RUPEES IN LAKHS.]

lay, 1961—66.

1963-64.		1964-65.		1965-66.		1961--66.		Foreign ex- change.	Balance of cost.
Total.	Capital.	Total.	Capital.	Total.	Capital.	Total.	Capital.		
9	10	11	12	13	14	15	16	17	18
0.37	..	0.38	..	0.39	..	1.70	..	..	..
2.11	..	2.34	..	2.47	..	9.66	..	..	..
0.032	..	0.034	..	0.085	..	0.137	..	..	..
0.20	..	0.22	..	0.23	..	1.00	..	..	..
0.26	..	0.28	..	0.30	..	1.30	..	..	..
0.09	..	0.09	..	0.09	..	0.43	..	..	..
0.71	..	0.78	..	0.85	..	3.57	..	..	..
0.079	..	0.088	..	0.087	..	0.383	..	..	..
3.851	..	4.207	..	4.452	..	18.18	..	..	..
0.85	..	1.30	..	2.14	..	4.75	..	..	..
5.17	..	5.80	..	6.92	..	25.80	..	2.00	..
0.45	..	0.45	..	0.42	..	2.00	..	..	..
0.32	..	0.39	..	0.49	..	1.60	..	..	..
0.79	0.60	0.19	..	0.19	..	2.75	1.60	0.20	..

STATEMENT
LIST OF SCHEMES INCLUDED

Serial no.	Schemes.	Total esti- mated cost.	Anti- cipated outlay up to 1960-61.	Phasing of out-			
				1961-62.		1962-63.	
				Total.	Capital.	Total.	Capital.
1	2	3	4	5	6	7	8
6	Songs and Drama ..	2.00	..	0.25	..	0.40	..
7	Publications ..	2.20	..	0.62	..	0.38	..
8	Exhibitions ..	5.40	..	0.66	..	1.60	..
9	Press Advertisements ..	2.00	..	0.40	..	0.40	..
10	Information Cell ..	1.50	..	0.31	..	0.29	..
TOTAL—PUBLICITY ..		50.00	..	6.00	..	10.34	2.00
7.3 MISCELLANEOUS—LOCAL BODIES.							
1	Improved Trusts and Town Planning Scheme.	14.50	..	..	..	5.00	5.00
2	Establishment of Improvement Trusts and Town Planning Authorities.	20.00	..	4.00	4.00	4.00	4.00
3	Training in Town Planning ..	0.50	..	0.10	0.10	0.10	0.10
4	Provision of civic amenities in urban area.	15.00	..	1.90	1.90	2.70	2.70
TOTAL LOCAL BODIES ..		50.00	..	6.00	6.00	11.80	11.80

A-3—concl.

IN THE THIRD FIVE-YEAR PLAN—concl.

[RS. IN LAKH.]

lay, 1961—66.									
1963-64.		1964-65.		1965-66.		1961—66.		Foreign ex- change.	Balance of cost.
Total.	Capital.	Total.	Capital.	Total.	Capital.	Total.	Capital		
9	10	11	12	13	14	15	16	17	18
0.44	..	0.45	..	0.46	..	2.00	..	..	..
0.38	..	0.39	..	0.43	..	2.20	..	..	..
2.38	2.00	0.38	..	0.38	..	5.40	3.00	0.30	..
0.40	..	0.40	..	0.40	..	2.00	..	..	..
0.29	..	0.30	..	0.31	..	1.50	..	..	..
11.47	2.60	10.05	..	12.14	..	50.00	4.60	2.50	..
5.00	5.00	4.50	4.50	..	..	14.50	14.50	..	..
4.00	4.00	4.00	4.00	4.00	4.00	20.00	20.00	..	..
0.10	0.10	0.10	0.10	0.10	0.10	0.50	0.50	..	..
3.15	3.15	3.45	3.45	3.80	3.80	15.00	15.00	..	..
12.25	12.25	12.05	12.05	7.90	7.90	50.00	50.00	..	..

STATEMENT B.

SELECTED PHYSICAL TARGETS—(I) AGRICULTURE AND IRRIGATION.

1.1 COVERAGE OF COMMUNITY DEVELOPMENT BLOCKS.

(AREA IN THOUSAND ACRES.)

	By end of 1955-56.	By end of 1960-61.	By end of 1961-62.	By end of 1965-66.
1	2	3	4	5
Number of development blocks*—				
State I	98	3,09	2,46	2,19
State II .. ..	..	47	1,68	3,56
Estimated number of villages ..	1,17,60	4,27,20	4,96,80	6,79,70
Total net area sown (approximate) ..	..	..	..	..
Gross cropped area (approximate) ..	..	..	..	..
Irrigated area (approximate)—				
(i) Gross .. ..	..	..	..	..
(ii) Net .. ..	..	..	..	..
(iii) Additional gross area under irrigation.	2,49	13,96	15,01	20,93

*Including multi-purpose tribal blocks.

Note—Data to be compiled blockwise from village records will take considerable time.

STATEMENT B—contd.

1.2 LAND UTILISATION

[IN THOUSAND ACRES.]

	1955-56 adjusted for new Bihar.	1958-59.	1959-60.	1960-61 (Pre- liminary estimate).	1961-62 (Pro- jected).	1965-66 (Pro- jected).
1	2	3	4	5	6	7
1. Geographical area (ac- cording to village papers).	4,28,23	4,28,23	4,28,23	4,28,23	4,28,23	4,28,23
2. Forests	96,76	93,56	92,91	92,91	92,91	92,91
3. Miscellaneous tree crops and groves not included in the net area sown.	..	..	..	..	..	..
4. Permanent pastures and grazing lands.	5,08	5,21	5,13	5,13	5,13	5,13
5. Culturable waste ..	24,92	22,41	22,10	21,03	21,00	(+)12,29
6. Net available for cul- tivation.	50,66	55,03	53,57	53,09	52,90	52,90
7. Fallow—						
(a) Current ..	44,44	34,12	47,35	45,07	42,00	42,00
(b) Other ..	20,28	21,00	20,97	20,00	20,00	20,00
TOTAL—(a) + (b)	64,72	55,12	68,32	65,07	62,00	62,00
8. Net area sown—						
(a) Irrigated ..	Not available			39,00	43,25	64,00
(b) Unirrigated ..	Not available			1,52,00	1,51,44	1,34,00
TOTAL—(a) + (b)	1,86,90	1,96,90	1,86,21	1,91,00	1,94,69	1,98,00
9. Cultivated area (8+7) (+)	2,30,53	2,31,02	2,33,56	2,36,07	2,36,69	2,42,00
10. Gross irrigated area (all crops).*	..	..	..	50,70	56,22	83,20
11. Gross area sown ..	2,44,98	2,73,78	2,69,97	2,78,80	2,82,44	2,95,00
12. Area sown more than once.	58,89	76,88	83,76	86,70	87,75	97,00

(+) According to target in Third Plan.

*Figures up to 1959-60 are as reported by the primary reporting agencies who do not actually make detailed enquiries from cultivators about actual estimate done but make their own estimation.

STATEMENT B—*contd.*

1.3 ESTIMATES OF GROSS AREA SOWN UNDER MAIN CROPS.

[IN THOUSAND ACRES.]

Crop.	1955-56 adjusted for new Bihar.	1958-59.	1959-60.	1960-61 (Pre- liminary estimates).	1961-62 (Pro- jected).	1965-66 (Pro- jected).
1	2	3	4	5	6	7
Rice	1,23,15	1,29,33	1,23,35	1,27,35	1,28,66	1,34,65
Wheat	14,67	15,16	16,13	17,43	18,73	19,83
Other cereals ..	35,87	41,74	18,06	18,64	18,26	18,06
All cereals ..	1,73,69	1,86,23	1,57,54	1,63,42	1,65,65	1,72,54
Pulses	47,58	56,80	57,39	57,69	57,99	59,91
Total foodgrains ..	2,21,27	2,43,03	2,14,93	2,21,11	2,23,64	2,32,45
Oil-seeds	6,97	7,65	7,99	7,00	7,00	7,00
Sugarcane	3,78	4,05	4,43	4,25	4,25	5,25
Cotton	10	6	6	10	10	10
Jute	3,81	4,55	3,99	3,63	4,00	4,50
Tobacco	29	40	47	45	45	45
Fruits	2,47	2,30	2,31	} 42,26	43,00	46,25
Vegetables	3,68	7,00	5,60			
Others	2,61	4,74	30,21			
TOTAL	2,44,98	2,73,78	2,69,97	2,78,80	2,82,44	2,95,00

STATEMENT B—*contd.*

1.4 ESTIMATES OF GROSS IRRIGATED AREA UNDER MAIN CROPS.

[IN THOUSAND ACRES.]

Crops.	1955-56.	1958-59.	1959-60.	1960-61 (Pre- liminary estimate).	1961-62 (Pro- jected).	1965-66 (Pro- jected).
1	2	3	4	5	6	7
Rice	36,74	41,84	36,77	37,77	38,57	52,77
Wheat	2,18	2,69	2,22	2,40	2,52	6,22
Other cereals ..	1,72	1,39	1,30	1,36	1,48	3,17
All cereals	40,64	45,92	40,29	..	..	..
Pulses	2,02	1,97	52	68	98	4,52
Total foodgrains ..	42,66	47,89	40,81	42,21	43,55	66,68
Oilseeds	19	16	9	20	40	1,00
Sugarcane	82	1,08	1,27	1,25	1,50	2,00
Cotton .. ..	..	..	..	..	..	..
Jute .. ..	..	..	..	20	50	2,00
Tobacco	3	3	2	5	10	40
Fruits .. ..	..	..	..	..	..	..
Vegetables	32	1,39	1,43	6,79	10,17	11,12
TOTAL	44,06	50,90	44,64	50,70	56,22	83,20

STATEMENT B—contd.

1.5 PROPOSED OUTLAYS IN THE THIRD PLAN.

[RS. IN LAKH.]

Head.	Anti- cipated outlay, 1960-61.	Second Plan.		Third Plan.		1961-62.	
		Original.	Anti- cipated outlay.	Total.	Capital.	Total.	Capital.
1	2	3	4	5	6	7	8
1. AGRICULTURAL PROGRAMME.							
1.1 Agricultural production.	3,60.34	9,76.25	13,42.66	19,35.61	7,25.89	3,06.00	96.00
1.2 Minor irrigation	2,00.00	3,99.91	8,27.00	8,39.91	8,39.91	75.00	75.00
1.3 Soil Conservation	44.59	2,74.13	1,61.56	2,50.04	12.60	30.00	2.00
1.4 Animal Husbandry.	1,33.00	5,18.34	3,66.15	4,68.00	1,26.22	56.00	16.00
1.5 Dairying and Milk Supply.	25.00	47.07	41.27	2,11.61	1,23.50	24.00	21.00
1.6 Forests ..	50.66	1,98.40	1,76.30	2,95.00	1,51.19	35.00	15.00
1.7 Fisheries ..	7.00	54.24	30.99	89.44	6.70	8.00	1.00
*1.8 Warehousing and marketing.	2.85	9.10	16.57	50.00	20.00	7.00	4.00
TOTAL ..	8,23.44	24,77.53	29,62.50	41,38.61	20,05.01	5,41.00	2,30.00
2. CO-OPERATION AND COMMUNITY DEVELOPMENT.							
2.1 Co-operation ..	59.60	3,58.87	2,79.71	5,18.00	1,62.14	61.00	19.00
(a) Minor irrigation	..	..	..	..	..	..	..
(b) Other agricultural production programme.	..	..	..	..	..	..	..
2.2 Community Development.	6,62.00	17,45.36	21,46.50	35,00.00	10,97.08	5,00.00	1,57.00
2.3 Panchayats ..	38.95	1,90.00	97.45	92.00	..	13.00	..
TOTAL ..	7,60.55	22,94.23	25,23.66	41,10.00	12,59.22	5,74.00	1,76.00

* Under 4 include only grants and loans to rural local bodies for development not covered under other head. This head refer to those schemes for Warehousing and Marketing which have been considering in the Working Groups on Food and Agriculture.

STATEMENT B—contd.

1.5 PROPOSED OUTLAYS IN THE THIRD PLAN.

[RS. IN LAKH.]

Head.	Anti- cipated outlay, 1960-61.	Second Plan.		Third Plan.		1961-62.	
		Original.	Anti- cipated outlay.	Total.	Capital.	Total.	Capital.
1	2	3	4	5	6	7	8
3. IRRIGATION AND POWER.							
3.1 Irrigation ..	8,63.63	32,58.50	25,82.08	61,57.10	61,57.10	9,70.00	9,70.00
3.2 Flood Control..	..	(a)	(a)	9,00.00	9,00.00	3,27.00	3,27.00
3.3 Power ..	5,92.00	26,85.17	31,24.48	70,62.00 (b)	70,62.00	8,50.00	8,50.00
TOTAL ..	14,55.63	59,43.67	57,06.56	1,41,19.10	1,41,19.10	21,47.00	21,47.00

NOTE.—'Agricultural production' includes 'Land development' and 'Consolidation of holdings'.

(a) Flood control was outside the State Plan during the Second Plan period.

(b) Excludes Rs. 9,33.00 lakhs to be given outside the State outlay of Rs. 3,37.00 crores as Central share for the Bokaro Thermal Units and for selling up one 125 M.W. unit by Bihar State Electricity Board in lieu of the one to be set up by D. V. C.

STATE

1.6 SUMMARY STATEMENT OF AREAS BENEFITED AND

Programme.	Physical achievements/anticipated (In terms of units per cent and areas).						
	Second Plan anticipated.		1961-62 proposed.		1965-66 proposed.		
	Unit.	Area.	Unit.	Area.	Unit.	Area.	
	1	2	3	4	5	6	7
1. Major and Medium Irrigation—							
(a) Stabilized area .. ..	..	10,15	..	15,75	..	15,75
(b) New area .. ..	..	5,60	..	2,50	..	15,00
2. Flood control, drainage, anti-water-logging, etc.	..	Nil (This did not form part of State Second					
3. Minor irrigation, agricultural Sector and C.D. area— <i>contd.</i>							
(a) Stabilised area .. ..	..	6,00	..	13,55	..	13,55
(b) New area .. ..	..	2,00	..	75	..	6,38
4. Soil conservation .. ..	..	58	..	48	..	2,88
5. Dry farming .. ..	..	1	..	2	..	10
6. Land reclamation and development.	..	48	..	12	..	75	
7. Improved seed .. ..	..	26,18	..	20,00	..	1,18,00
8. Chemical fertilizers—							
(a) Nitrogenous in terms of S/A.	38	10,31	28	7,56	2,45	66,15	
(b) Phosphatic in term of S.S.P.	11	3,09	9	2,43	74	19,98	
9. Local manurial resources—							
(a) Compost—							
(i) Urban	57	57	14	14	72	72
(ii) Rural	6,19	6,19	9,45	9,45	47,25	47,25
(b) Green manuring .. ..	..	8,36	..	2,70	..	18,90

MENT B—*contd.*

ADDITIONAL (AREA IN THOUSAND ACRES) PRODUCTION OF FOODGRAINS

[PRODUCTION IN THOUSAND TONS.]

Yard-sticks of additional production.		Estimated additional production of foodgrains.		
As adopted in Second Plan.	Proposed for Third Plan.	Second Plan.	1961-62.	1965-66.
8	9	10	11	12
..
0.20 ton/acre ..	0.25 ton/acre ..	112	63	3,75
Plan and additional food production potential was not accounted for).				
Yard-stick as in note.		..	..	..
annexed ..	0.20 ton/acre ..	3,84	15	1,28
1/20 ton/acre ..	1/20 ton/acre ..	3	2	14.0
1/40 ton/acre ..	1/40 ton/acre ..	..	..	..
1/3 ton/acre ..	1/3 ton/acre ..	16	4	25
1/27 ton/acre ..	1/27 ton/acre ..	97	74	4,37
2 ton/ton ..	2 ton/ton ..	76	56	4,90
1 ton/ton ..	1 ton ton ..	11	9	74
1/27 ton/ton ..	1/30 ton/ton ..	2	..	2
1/27 ton/ton ..	1/40 ton/ton ..	23	24	1,18
0.0736 ton/ton ..	1/10 ton/ton ..	62	27	1,80

1.6 SUMMARY STATEMENT OF AREAS BENEFITED AND

Programme.	Physical achievements/anticipated (in terms of units per cent and areas).					
	Second Plan anticipated.		1961-62 proposed.		1965-66 proposed.	
	Unit.	Area.	Unit.	Area.	Unit.	Area.
1	2	3	4	5	6	7
Improved agricultural practices—						
(a) Plant protection ..				Nil		
(b) Others
(c) Total
1. Other items, if any ..				Nil		
TOTAL

The area benefited from schemes classed under Minor Irrigation executed in Second Plan amounts to 26.25 lac acres. The area actually under irrigation, however, comes to 15.73 lakh acres (Food and non-food combined). The balance represents benefit from rahats, irrigation pumps and other implements carrying on irrigation during the Second Plan. Area of food to total is 1 to 1.31.

MENT B—*contd.*

ADDITIONAL (AREA IN THOUSAND ACRES) PRODUCTION OF FOODGRAINS.

[PRODUCTION IN THOUSAND TONS.]

Yard-sticks of additional production.		Estimated additional production of foodgrains.		
As adopted in Second Plan.	Proposed for Third Plan.	Second Plan.	1961-62.	1965-66.
8	9	10	11	12
		Nil		
..	1,84
..	..	2,56	23	..
		Nil		
..	..	10,42	2,97	20,27

STATEMENT B—contd.

1.7 SUMMARY STATEMENT OF DEVELOPMENT MEASURES FOR PRINCIPAL CROPS OTHER THAN FOODGRAINS.

Sugarcane Crop.

Programme.	Physical achievements anticipated.					Yardsticks for additional pro- duction.	Estimated additional production.	
	Unit.	Second Plan anticipated.	1961-62 proposed.	1965-66 proposed.			1961-62.	1965-66.
1	2	3	4	5	6	7	8	
						Tons.	Tons.	
1. Area covered under the crops	.. Acres	4,25,000	4,25,000	4,25,000	..	..	..
2. Irrigated area (additional)	.. Acres	1,00,000	10,000	50,000	6 tons per acre ..	60,000	30,000	
3. Seeds (additional)	.. Mds.	1,50,00,000	6,00,000	30,00,000	1 ton per acre ..	10,000	50,000	
4. Fertilizers (additional)—								
(i) Nitrogenous	.. Tons	11,000	2,000	10,000	} 27 ton per ton of fertiliser.	1,62,000	7,02,000	
(ii) Phosphatic and potash	.. ..	9,600	4,000	16,000			
(iii) Others	.. ..	..	..	..	..	..	..
5. Other manures (additional)—								
(i) Oil-cakes	.. Tons	14,000	3,000	18,000	(i) 7 ton per ton oil-cake.	21,000	1,26,000	
(ii) Green manure	.. Acres	56,700	8,000	40,000	(ii) 1.5 ton per acre green manure.	12,000	60,000	
6. Plant protection	.. Acres	No fixed area	50,000	2,50,000	Not reckoned for additional produc- tion.	..	..
7. Other measures (Cultural practices, etc.)		..	..	..	..	10,000	50,000
TOTAL	.. ..	..	..	..	..	2,75,000	13,00,000*

* Taking 60 lakhs tons as base.

1. Area covered under the crops	..	Acres	3,62,533	4,00,000	4,50,000	No specific yardstick has been prescribed.	Plan target already in 1958-59, but (Total 12.8 lac bales) total production has suffered a shortfall because of the price factor operating against it.	1.1 lac bales.
2. Irrigated area ..	..	Acres	Nil	Nil	From Kosi Project when ready..			
3. Seeds (additional)	..	Mds.	7,000	3,000(a)	20,000(b)			
4. Fertilisers (additional)—								
(i) Nitrogenous	..	Tons	1,305	700(c)	8,700(d)			
(ii) Phosphatic	..	Tons	..	..	..	..	..	..
(iii) Others	..	Tons	..	..	..	..	..	..
5. Other manures	..	..	..	..	..	..	..	..
6. Plant protection	..	Acres	2,000	5,000	25,000	..	..	..
7. Other measures, if any (Retting tanks)		No. of new retting tanks to be excavated.	1,000	2,000	2,000	..	..	..
Total production—								
		(a) Gross	..	10,000				
		(b) Gross	..	27,000				
		(c) Gross	..	2,000				
		(d) Gross	..	10,000				

STATEMENT B—*contd.*

1.7 SUMMARY STATEMENT OF DEVELOPMENT MEASURES FOR PRINCIPAL CROPS OTHER THAN FOODGRAINS.

Oilseed Crop.

Programme.	Physical achievements anticipated.					Yardsticks for additional production.	Estimated additional production.	
	Unit.	Second Plan anticipated.	1961-62 proposed.	1965-66 proposed.			1961-62.	1965-66.
1	2	3	4	5	6	7	8	
1. Area covered under the crop	.. Acres	..	..	9,50,000	..		Tons. .. (a) 1,07,000
2. Irrigated area (additional)		..	..	..	..		47,000
3. Seeds	.. Acres	..	..	2,16,000	1/2 md. per acre	..	..
4. Fertilisers—							4,000	
(i) Nitrogenous	.. Tons	..	..	5,000	2 tons per ton	..	10,000
(ii) Phosphatic	.. Tons	..	..	5,000	1 ton per ton	..	5,000
(iii) Lime	.. Tons	..	..	40,000	..	..	..
5. Other manures—								
(i) Oil-cakes	..	..	..	..	..	..	..
(ii) Green manure	..	..	..	..	..	..	..
6. Plant protection	.. Acres	..	..	1,00,000	Not reckoned for food production.	..	..
7. Other measures, if any	..	..	..	..	..	..	..
8. Total production	..	..	..	..	..	..	1,26,000
							66,000	

(a) Including the 2nd plan production of 60,000 tons, and 47,000 tons.

STATE MENT B—contd.

1.8 ESTIMATES FOR CROP PRODUCTION AND YIELDS.

Crop.	Production.							Irrigated area.			Irrigated and Unirrigated areas.			
	Unit.	1955-56.	1958-59.	1959-60.	1960-61 Preliminary estimate.	1961-62.	1965-66.	Unit.	Average for 1958-59 and 1959-60.	Target for Third Plan (Estimate).	In- crease.	Average for 1958-59 and 1959-60.	Target for Third Plan (Estimate).	Increase %.
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Rice	.. '000 tons	33,76	44,19	38,26	..	..	..	Md.	12.1*	..	..	9.83 (Winter paddy.)	..	..
Wheat	.. Ditto	3,57	4,31	3,49	..	..	..	Ditto	9.8	..	..	6.58	..	..
Maize	.. Ditto	2,84	4,68	8,79	..	..	..	Ditto	..	..	..	9.72	..	..
Jawar	.. Ditto	1	1	1	..	..	..	..	..	..	..	..	..	..
All cereals	.. Ditto	44,85	58,88	59,42	..	..	..	..	..	..	..	..	..	..
Pulses	.. Ditto	7,17	9,55	6,67	..	..	..	..	..	..	..	..	..	..
Foodgrains	.. Ditto	52,02	68,39	66,09	62,62	62,95	80,27(a)	..	..	..	..	..	..	..
Groundnut	.. Ditto	..	..	..	..	..	..	..	..	..	..	..	..	..
Oilseeds	.. Ditto	82	1,00	67	..	..	126	..	..	..	..	..	..	..
Sugarcane	.. Ditto	21,32	60,55	66,44	68,56	68,75	73,00(b)	..	450.00	..	..	400.00	..	..
Cotton	.. '000 bales	6	2	2	..	..	..	..	..	..	..	..	..	..
Jute	.. Ditto	6,44	12,43	9,57	8,39	..	..	..	..	..	..	11.97	..	..
Tobacco	.. '000 tons	10	14	15	..	..	..	..	..	..	..	..	..	..
Potato	.. Ditto	2,14	3,73	4,73	..	..	..	..	..	..	..	..	..	..

*The information is based on trials conducted by Field Experiment Service.

(a) Taking 60 lakh tons as base for the Third Plan.

(b) Taking 60 as base for sugarcane development.

STATEMENT B—contd.

II.1 MAJOR AND MEDIUM IRRIGATION, FLOOD CONTROL ETC.

('000 Acres)

....	1955-56.	1959-60.	1960-61.	1965-66.		Total.	Phasing for Third Plan.				
				First and Second Plan.	Now Third Plan.		1961-62.	1962-63.	1963-64.	1964-65.	1965-66.
1	2	3	4	5	6	7	8	9	10	11	12
1. Estimated area benefited from irrigation schemes by end of—											
(a) Potential—											
(i) Gross	14,59*	..	20,66	10,67	27,28	48,48					
(ii) Net .. ..	..	..	..	..	..	..
(b) Utilisation—							2,17	1,73	4,26	4,31	7,40
(i) Gross	12,62*	..	18,69	8,72	19,87	37,56					
(ii) Net .. ..	..	..	..	..	..	..
2. Estimated area benefited flood control, drainage, anti-waterlogging, etc., by end of.	5,75	..	22,50	22,50	3,50	26,00					

NOTE.—Area over which irrigation is 'stabilized', if any, may be indicated in an accompanying note.

*Includes 9,97 of the Pre-Plan period.

STATEMENT B—contd.

II.2 MINOR IRRIGATION PHASING FOR THIRD PLAN.

('000 ACRES)

7 D.C.—II.

	1955-56.	1960-61.	1965-66.	1961-62.	1962-63.	1963-64.	1964-65.	1965-66.	
	1	2	3	4	5	6	7	8	9
1. Estimated total area under minor irrigation by end of.		7,85	17,75	22,72	..	..	..	..	..
2. Additional area to be benefited under Third Plan provision for —									
(i) Agricultural Section—									
(a) Gross
(b) Net
(ii) Community Development Programme—									
(a) Gross
(b) Net
						Separate figures for C.D. Agriculture Sector not available.			
						Phasing is being worked out.			
(iii) Total—									
(a) Gross
(b) Net	10,64	1,25	..	..

STATEMENT B—*contd.*

III.1 SOIL CONSERVATION, DRY FARMING ETC.
 III.2 LAND RECLAMATION AND DEVELOPMENT.
 III.3 CONSOLIDATION OF HOLDINGS.

('000 Acres)

	Estimated for Second Plan.		Third Plan target.	Phasing for Third Plan Target.					
	1956—61.	1960-61.		1961-62.	1962-63.	1963-64.	1964-65.	1965-66.	
	1	2	3	4	5	6	7	8	9
1. Soil Conservation—									
(a) Soil conservation on agricultural land ..	58	20	2,88	44	62.5	62.5	62.5	62.5	56.5
(b) Dry farming	1	1	10	2	2	2	2	2	2
(c) Reclamation of Saline and Alkaline areas ..	..	..	..	..	..	..	..	..	..
(d) Raving Reclamation .. .. .	..	..	..	..	..	..	..	..	..
2. Land Reclamation and Development ..	48	11	75	12	14	16	16	16	17
3. Consolidation of Holdings .. .. .	..	..	..	..	..	..	..	..	..

STATEMENT B—*contd.*

IV.1 ESTIMATES FOR AREA UNDER IMPROVED SEED.

('000 ACRES)

Principal Crops.	1955-56.	1959-60.	1960-61.	Third Plan target.	Phasing for third Plan (a)				
					1961-62.	1962-63.	1963-64.	1964-65.	1965-66.
1	2	3	4	5	6	7	8	8	10
Paddy	15,42	21,50	84,50	15,30	15,30	17,30	17,30	19,30
Wheat	1 61	2,24	16,00	2,00	3,00	3,00	3,00	5,00
Maize & Millet	33	46	10,50	1,70	2,20	2,20	2,20	2,20
Gram & Pulses	1,42	1,98	7,00	1,00	1,50	1,50	1,50	1,50
TOTAL—FOODGRAINS	18,78	26,18	1,18,00	20,00	22,00	24,00	24,00	28,00
Sugarcane	2,20	2,50	50	10	10	10	10	10
Others	52	1,02	5,50	1,10	1,10	1,10	1,10	1,10
TOTAL—NON-FOOD	6,00	1,20	1,20	1,20	1,20	1,20

(a) Additional every year.

STATEMENT B—*contd.*

IV.2. ESTIMATED CONSUMPTION OF CHEMICALS FERTILIZERS (TOTAL).

Unit.	1955-56.	1959-60.	1960-61.	1965-66.	Phasing of Third Plan.				
					1961-62.	1962-63.	1963-64.	1964-65.	1965-66.
1	2	3	4	5	6	7	8	9	10
Nitrogenous (in terms of S/A)(Tons) ..	30,000	41,305	50,000	4,00,000	88,000	1,50,000	2,25,000	3,00,000	4,00,000
Phosphatic (P 205) (in terms of S/S.P) (Tons.).	9,258	9,774	15,000	1,20,000	35,000	55,000	70,000	85,000	1,20,000
Potassic (K 20) (in terms of Muriat of Potash) (Tons.).	..	..	1,000	20,000	5,000	9,000	13,000	17,000	20,000

STATEMENT B—*contd.*

IV.3 ESTIMATES OF FERTILISERS CONSUMPTION CROPWISE (‘000 ACRES).

Crop.	1955-56.	1958-59.	1959-60.	1960-61 (Preliminary estimate).	1961-62 (Pro- jected).	1965-66 (Pro- jected).
1	2	3	4	5	6	7
Rice
Wheat
Other cereals
All cereals
Pulses
Total Foodgrains	50	89	378
Oilseeds
Sugarcane
Cotton
Jute
Tobacco
Fruits
Vegetables
Total—Non-foodgrains..	16	39	162

STATEMENT B—contd.

IV.4 ORGANISE MANURES AND LOCAL MANURIAL RESOURCES.

Unit.	1955-56.	1959-60.	1960-61.	Third Plan target (Addl.)	Phasing for Third Plan Target (Total)					
					1961-62.	1962-63.	1963-64.	1964-65.	1965-66.	
1	2	3	4	5	6	7	8	9	10	
1. Urban compost—										
(a) Quantity tons	63,500	68,027	75,000	1,02,000	83,000	1,00,000	1,25,000	1,50,000	1,77,000	
(b) Area benefited acre .. ..	..	68,027	75,000	1,02,000	83,000	1,00,000	1,25,000	1,50,000	1,77,000
2. Rural compost—										
(a) Quantity (Ton) not accounted .. ..	..	7,88,798	10,00,000	67,50,000	23,50,000	37,00,000	50,50,000	64,00,000	77,50,000
(b) Area benefited acre .. ..	..	7,88,798	10,00,000	67,50,000	23,50,000	37,00,000	50,50,000	64,00,000	77,50,000
3. Green manuring—										
Area benefited acre	N.A.	5,82,022	10,95,000	20,00,000	14,00,000	18,00,000	22,00,000	26,00,000	31,00,000	

STATEMENT B—contd.

SELECTED PHYSICAL TARGETS.

(iii) CO-OPERATION.

	1960-61.	1961-62.	1962-63.	1961-66.
1. Primary Co-operative Societies—				
Number .. (a)2,000		1,500	1,500	7,500
Membership .. (b)1.25 Lakhs		2.5 Lakhs	2.5 Lakhs	12.50 Lakhs.
Share capital		25.00 Lakhs	25.00 Lakhs	125.00 Lakhs.
2. Credit—				
(a) Short & medium term (Rs. crores).	1.02 (S.T.) 0.30 (M.T.)	1.60 (S.T.) 0.40 (M.T.)	2.60 (S.T.) 1.00 (M.T.)	22.70 (S.T.) 10.70 (M.T.)
Advance during the year.	..	..	..	..
Amount outstanding at the end of year.				
(b) Long-term (Rs. crores).	0.10	0.20	0.50	5.00
Advance during the year.	..	..	..	..
Amount outstanding at the end of year.	..	..	..	..
Total—Advance during Third Plan.	..	..	..	38.40
3. Training (numbers and categories of personnel).				
	8 Higher grade.	8 Higher grade.	8 Higher grade.	40
	15 Intermediate.	20 Intermediate.	20 Intermediate.	100
	90 Block level.	80 Block level.	100 Block level.	180
	100 Specialised training.	30 Specialised training.	30 Specialised training.	150
	7 Land mortgage Bank.	15 Land mortgage Bank.	15 Land mortgage Bank.	70
	40 Subordinate Training.	135 Subordinate Training.	135 Subordinate Training.	720
4. Land mortgage banks (no. & share capital).	8 Branch L.M.B.	6 L.W.Bs.	6 L.M.Bs.	30 L.M.B.
5. Rural godowns (no.)	..	100	100	500
6. Co-op. processing units (no. by Industry).				
	1 Jute bailing.	1 Manure mixing.	1 Manure mixing.	5 Manure mixing.
		2 Fruit preserving.	2 Fruit preserving.	10 Fruit preserving.
		..	2 Cold storage.	5 Cold storage.
		..	1 Jute	4 Jute
		30 Primary Consumers.	30 Primary consumers.	150 Primary consumers.
7. Consumer Co-operatives (number, urban, rural).	..	1 Union	1 Union	5 Unions.

STATEMENT B—contd.
SELECTED PHYSICAL TARGETS (IV) POWER.

Serial no.	Particulars.	By 1960-61.	By 1961-62.	By 1962-63.	By 1963-64.	By 1964-65.	By 1965-66.	Remarks.
1	2	3	4	5	6	7	8	9
(a)	Installed capacity ('000 KW)							
	Public—							
(i)	Bihar State Electricity Board ..	15.10	15.10	45.10	110.10	175.00	355.00	
(ii)	Damodar Valley Corporation ..	302.50	302.50	302.50	442.50	582.50	722.50	
	Sub-Total	317.60	317.60	347.60	552.60	757.50	1,077.50	
	Private	31.95	..	..	..	..	25.00	
	Self-Generation	271.00	..	..	..	..	181.00	
	Total	620.55	..	..	..	..	1,283.50	
(a)1	Power available for Bihar State Electricity Board from Damodar Valley Corporation.	90.00	90.00	100.00	100.00	157.3	201.0	
(a)2	Power availability for Bihar State Electricity Board from Hirakund & Rihand & other sources.	Nil.	12.00	53.00	53.00	25.5	25.5	
(b)	Electricity generated ('000 kw)—							
(i)	By Bihar State Electricity Board ..	57,820	57,820	1,56,820	2,35,420	4,23,800	9,89,400	
(ii)	Energy purchase from other agencies ..	4,73,000	5,67,000	8,30,000	8,30,000	9,60,000	11,90,000	

(c) Length of trans. lines (miles) of Bihar—
Bihar State Electricity Board—

220 Kv	..	..	..	..	..	..	60	1,05	1,05
132 Kv	..	..	..	50.0	4,97	6,14	7,19	8,03	8,31
66 Kv	..	..	..	..	..	..	..	..	..
33 Kv	..	..	..	77,78.0	84,10.0	87,11.0	89,41.0	91,91.0	94,66.0
11Kv	..	..	..			

(d) Towns & villages electrified (nos).

Population below 5,000	18,25	}	19,35	21,22	23,40	25,90	28,71	31,85
Population between 5,000—10,000	66							
Population above 10,000 ..	44							

STATEMENT B—*contd.*

SELECTED PHYSICAL TARGETS (V) ROADS ('000 miles).

			1960-61.	1961-62.	1962-63.	1961- 66.
Surfaced roads	..	..	5.30	0.20	0.23	1.32
Unsurfaced Roads	..	..	2.65	0.04	0.05	0.27
Total	..	..	7.95	0.24	0.28	1.59

STATEMENT B—*contd.*
SELECTED PHYSICAL TARGETS.

(VI) ROAD TRANSPORT.

Total Route mileage.	1960-61.	1961-62.	1962-63.	1961-66.
Nationalised passenger transport ..	12,708	3,114	1,079	7,821
Route mileage number of vehicles ..	669	123	100	478

STATEMENT
SELECTED PHYSICAL
(vii) General

					Unit.
					1960-61.
1					2
<i>(a) Primary—</i>					
Institutions	..	..	..	..	38,000
Enrolment in classes I—V	..	..	..	..	32,00,000
Boys	..	..	..	..	24,00,000
Girls	..	..	..	..	8,00,000
Population and percentage in the age-group 6—11	..			..	59,90,000(53.4%)
Boys	..	..	..	..	30,07,000(79.8%)
Girls	..	..	..	..	29,83,000(26.8%)
<i>(b) Middle—</i>					
Institutions	..	..	..	..	3,800
Enrolment in classes VI—VIII	..	..	..	..	5,50,000
Boys	..	..	..	..	4,90,000
Girls	..	..	..	..	60,000
Population and percentage in the age-group 11—14	..			..	28,40,000(19.4%)
Boys	..	..	..	..	14,45,000(34.4%)
Girls	..	..	..	..	13,95,000 (4.3%)
<i>(c) Institution converted to Basic Pattern—</i>					
Primary	..	..	..	..	38,000
Middle	..	..	..	..	744
<i>(d) High|Higher Secondary Institutions</i>					
Enrolment in classes IX—XI	..	..	..	..	3,10,000
Boys	..	..	..	..	2,90,000
Girls	..	..	..	..	20,000
Population and percentage in the age-group 14—17	..			..	25,00,000(12.4%)
Boys	..	..	..	..	12,61,000(23.0%)
Girls	..	..	..	..	12,39,000(1.6%)

*Includes semi-recognised schools.

B—contd.

TARGETS.

Education.

Unit—contd.		
1961-62.	1962-63.	1961-66.
3	4	5
45,000	45,000	45,000
34,70,000	37,65,000	48,00,000
25,20,000	26,40,000	30,00,000
9,50,000	11,25,000	18,00,000
61,65,000(56.3%)	63,67,000(59.1%)	71,42,000(67.2%)
31,00,000(81.3%)	32,05,000(82.3%)	35,84,000(83.7%)
30,65,000(31%)	31,62,000(35.6%)	35,58,000(50.6%)
4,120	4,440	5,400
6,10,000	6,77,000	9,25,000
5,30,000	5,75,000	7,40,000
80,000	1,02,000	1,85,000
29,60,000(20.6%)	30,90,000(21.9%)	35,58,000(26%)
15,10,000(35.1%)	15,65,000(36.7%)	17,90,000(41.5%)
14,50,000(5.5%)	15,25,000(6.7%)	17,68,000(10.5%)
7,000	..	45,000
100	100	1,244
585	1,655	1,850
3,36,000	3,67,000	5,00,000
3,10,000	3,34,000	4,40,000
26,000	33,000	60,000
25,65,000(13.1%)	26,40,000(13%)	29,23,000(17.1%)
12,92,000(24%)	13,28,000(25.3%)	14,66,000(30.1%)
12,73,000(2%)	13,12,000(2.5%)	14,57,000(4.1%)

STATEMENT
1960-61
SELECTED PHY-

(vii) General

		Unit.
		1960-61.
1	2	
<i>(e) University Education (excluding Technical, Medical and Agricultural Education Post-graduate Level)—</i>		
Institutions		125
Enrolment in Science		18,800
Total Enrolment		85,000
<i>(f) Training of Teachers (by categories)—</i>		
Teachers' Training Schools (for Primary and Middle School Teachers)—		
Institutions		112
Intake		18,000
Outturn		5,060
Teachers' Training Colleges (for Secondary Schools Teachers)—		
Institutions		5
Intake		725
Outturn		620
Total population		9,65,33,00,000

B—*contd.*SICAL TARGETS—*contd.**Education—concl'd.*

Unit.— <i>contd.</i>		
1961-62.	1962-63.	1961-66.
3	4	5
135	145	175
22,800	26,000	40,000
94,000	1,04,000	1,40,000
112	112	112
20,500	21,000	1,05,000
7,100	9,700	40,000
7	7	7
1,200	1,400	7,000
620	1,150	6,000
4,73,00,000	4,82,00,000	5,12,00,000

STATEMENT B—contd.
SELECTED PHYSICAL TARGETS—contd.

(viii) *Technical Education.*

—	Unit.	1960- 61.	1961- 62.	1962- 63.	1963- 64.	1964- 65.	1965- 66.
1	2	3	4	5	6	7	8
<i>Degree Courses—</i>							
Institutions	.. No.	6	Nil	Nil	Nil	Nil	Nil.
Intake	.. No.	1,256	1,256	1,390	1,390	1,390	1,390
Outturn	.. No.	384	384	613	613	1,005	1,005
<i>Diploma Courses—</i>							
Institutions	.. No.	12	..	2	2	1	—
Intake	.. No.	1,510	1,690	2,290	2,470	2,590	2,590
Outturn	.. No.	183	515	931	1,057	1,183	1,603

STATEMENT B—contd.
SELECTED PHYSICAL TARGETS— contd.
(ix) Health.

—	Unit.	1960-61.	1961-62.	1962-63.	1961—66.
1	2	3	4	5	6
<i>(a) Hospitals/Dispensaries—</i>					
Urban	848	868	888	948
Rural	356	402	448	575
<i>(b) Beds</i>					
In Urban Hospitals and Dispensaries.	8,025	8,225	8,500	10,221
In Rural Health Centres and Dispensaries.	2,136	2,256	2,376	2,850
<i>(c) Training of Medical Personnel—</i>					
Doctors
Institutions	3	3	3	3
Intake	450	450	450	450
Outturn	176	190	190	400
<i>Nurses—</i>					(Last two years.)
Total no. (Registered/Active)	6,995	7,185	7,375	8,095
Institutions	2	2	2	3
Intake	110	110	110	150
Outturn	40	40	40	40
Total no. (Registered/Active)	1,351	1,391	1,431	1,551
<i>Health Visitors—</i>					
Institution	1	1	1	1
Intake	100	100	100	100
Outturn	50	50	50	50
Total number (Registered)	102	152	202	352
Sanitary Inspector/Auxiliary Health Worker.	1/1	1/1	1/1	1/1
Intake	100/100	100/100	100/100	100/100
Outturn	90/80	90/80	90/80	90/80
Total no.	800/89	890/169	980/249	1,250/489
Auxiliary Nurses and Midwives	5	5	6	7
Intake	215	215	245	275
Outturn	170	170	170	200
Total number (Registered)	409	579	749	1,349

STATEMENT B—contd.
SELECTED PHYSICAL TARGETS—contd.
(x) Housing.

—	Unit.	1960-61.	1961-62.	1962-63.	1961—66.
1	2	3	4	5	6
Industrial Housing ..	Tenements ..	2,000	894	1,052	6,000
Low Income Group Housing ..	Houses ..	850	371	571	3,000
Slum Clearance-tenements ..	Tenements ..	..	571	571	2,857
Village Housing—Number of houses.	Houses ..	..	200	700	5,000
Plantation labour housing ..	Tenements ..	..	..	..	..
Urban land acquisition and development.	..	..	..	..	..
Area acquired ..	Acres ..	400	..	..	..
Area developed ..	Do ..	..	..	..	..

STATEMENT B—contd.
SELECTED PHYSICAL TARGETS—contd.
(xi) Welfare of Backward Classes.

—	Unit.	1960-61.	1961-62.	1962-63.	1961—66.
1	2	3	4	5	6
Scheduled Tribes ..	..	..	..	..	..
Multi-purpose Blocks	..	..	..	..	..
Number ..	..	8	8+5*	13+5*	8+48*
Population covered ..	..	..	1,25,000	2,50,000	12,00,000
Scholarships/Stipends ..	No.	..	2,600	2,800	15,000
Scheduled Castes—					
Housing Schemes for Scheduled castes, etc.	No.	..	80	80	400
Scholarships/Stipends ..	No.	..	11,250	14,100	77,850
Expenditure on housing and house sites.	Rs.	..	8,50,000	8,50,000	50,00,000

* New Blocks.

STATEMENT B—contd.
SELECTED PHYSICAL TARGETS—contd.
(xii) Labour.

—	Unit.	1960- 61.	1961- 62.	1962- 63.	1963- 64.	1964- 65.	1965- 66.
1	2	3	4	5	6	7	8
<i>Training of Craftsmen—</i>							
Institutions	.. Number	19	3	4	4	..	..
Intake	.. Ditto	5,076	9,024	11,024	13,024	13,024	13,024
Outturn	.. Ditto	1,780	4,008	3,926	5,703	16,808	9,303
Number trained by end of the year.	Ditto	6,352	10,360	14,286	19,989	36,792	46,095

STATEMENT B—concl'd.

SELECTED PHYSICAL TARGETS—concl'd.

(xiii) Industries.

1. Industrial Estates/Areas* .. Estate of two large, two small and ten smaller industrial estates; spill over expenditure—estate of one large, one medium and two small industrial establishments.
2. Location of the Industrial Estate/
Industrial Area. (i) The location of two large industrial estates are at Ranchi and Muzaffarpur.
- (ii) The location of three industrial areas are at Aditaypur (near Jamshedpur), Ranchi and Barauni.
- (iii) The location of two and ten smaller industrial estates have not as yet been located.
- (iv) The location of old industrial estates are at Patna, Darbhanga, Ranchi and Biharsharif.
3. Urban or Rural† Both.
4. Third Plan estimated cost Rs. 180.00 lakhs.
5. Whether the scheme is—
- (i) Spill over from the Second Plan Out of Rs. 180.00 lakhs, only Rs. 1.83 lakhs represents spill over expenditure.
- (ii) Expansion of the existing Industrial Estate/Area. To be expanded from smaller to large industrial estates.
- (iii) New Schemes Two large, two small and ten smaller industrial estates and also some industrial areas, at least three.
6. The executing agency Directorate of Industries, Bihar.
7. Whether functional/ancillary, if so, name the Industry/Organisation. One will be functional at Ranchi and the funds for the same will be beyond the ceiling of the Plan.
8. No. of sheds constructed/proposed to be constructed during—
- | | | | | |
|---------|----|----|----|-----------------------|
| 1960-61 | .. | .. | .. | 68 sheds constructed. |
| 1961-62 | } | .. | .. | Not yet decided. |
| 1962-63 | | | | |
| 1961-66 | | | | |

* Information should be furnished for such Industrial Areas which have been included under the programme for village and small industries.

† Rural includes towns and villages with population up to 5,000.

INTENSIVE AGRICULTURAL PROGRAMME

(COSTING RS. 1 CRORE OR MORE.)

1. Description Intensive Agricultural Programme.
2. Whether new or carried over from Carried over from the Second Plan.
Second Plan.
3. Location Shahabad District (Arrah).
4. Scope and main components/items Nil.
(describe fully).
5. Progress up to the end of the Second Six blocks have been taken under the Scheme
Plan (for continuing Schemes). to cover the *Rabi* cropping season during
1960-61.
6. Particulars of investigation and pre- Nil.
paration of project report and ex-
planation of basis of estimates.
7. Economic implications To set the extent to which the agricultural
production could be increased given the
facilities for enforced methods of cultivation
in an irrigated tract free from the hazards
of flood and soil erosion.
8. Proposed dates for commencement From 1st August 1960 to 31st July 1965.
and completion and statement of 20 Blocks — Additional 14 Blocks in 1961-62.
construction programme to be 20 Blocks— 1962-63.
carried out during each year of the 20 Blocks— 1963-64.
Plan. 20 Blocks— In 1964-65.
20 Blocks— In 1965-66.
9. Cost estimates and expenditure—

[RS. IN LAKHS.]

	Total	Foreign exchange.
Total estimated cost out- lay up to 1960-61.	21.95	..
Outlay proposed during 1961—66.	1,50.00	..
Balance of outlay ..	..	..
10. Phasing of expenditure—		
	Total.	Foreign exchange.
1961-62	27.52	..
1962-63	32.11	..
1963-64	37.34	..
1964-65	32.10	..
1965-66	20.93	..
(Phasing of Outlay under item 10 should correspond to the phasing of works under item 8.)		

INTENSIVE AGRICULTURAL PROGRAMME—*contd.*

11. Break-up of expenditure, 1961—66—

(RS. IN LAKHS.)

	Total.	1961-62.	1962-63.	1961—66.
1	2	3	4	5
Wages and salaries	86.83	20.08	20.18	86.83
Equipment and machinery	9.68	9.68	..	9.68
Materials	2.50	0.50	0.50	2.50
Buildings	28.44	28.44	..	28.44
Land and development of land .. .. .	..	..	..	..
Others	21.84	3.80	4.00	21.84
TOTAL	149.29	62.50	24.68	149.29

12. Programme of output/benefits—

Item.	Unit.	Up to end of Second Plan.	Total for Third Plan.	Phasing for Third Plan.				
				1961-62.	1962-63.	1963-64.	1964-65.	1965-66.
1	2	3	4	5	6	7	8	9
Additional Production.	Tons	6,756	7,19,141	44,267	95,645	1,51,140	2,14,563	2,13,526

INTENSIVE AGRICULTURAL PROGRAMME—*concl.*

13. Employment (Unit : man-years)——

	1960- 61.	1961- 62.	1962- 63.	1963- 64.	1964- 65.	1965- 66.
1	2	3	4	5	6	7
<i>(a) Construction phase—</i>						
*Category—						
(i) Administrative .. ..	..	..	..	..	..	..
(ii) Clerical .. ..	..	..	..	..	..	..
(iii) Departmental—Technical and Supervisory.	31	31	31	22	..	..
Skilled, including semi-skilled	..	..	..	..	..	..
Unskilled	31	31	31	22	..	..
(iv) Estimated non-departmental Technical and Supervisory.	..	..	..	..	..	..
Skilled, including semi-skilled	77	77	77	50	..	..
Unskilled	200	200	200	125	..	..
<i>(b) Continuing phase—</i>						
(i) Administration	21	21	21	21	21	9
Estimated Departmental employ- ment as in (i), (ii) and (iii) above—						
(ii) Skilled	247	247	247	247	247	10
<i>(iii) Departmental—</i>						
Technical Supervisory ..	362	362	362	362	362	15
Skilled and Semi-skilled ..	46	46	46	46	46	20
Unskilled	111	111	111	111	111	40

*For projects carried over from the Second Plan.

STATEMENT C.

SHORT CHECK LIST FOR PRINCIPAL PROJECTS IN THE STATE PLAN.

(COSTING RS. 1 CRORE OR MORE.)

I. IRRIGATION AND FLOOD CONTROL.

1. Description	.. ..	..	<i>Badua Reservoir Project.</i>		
			This project contemplates construction of an earthen dam 132 ft. high across river Badua at Hanuman Pahar with a saddle spillway. Canals from the reservoir and also canal system from a weir below are to be constructed for irrigating an area of 93,920 acres in the districts of Bhagalpur and Monghyr at an estimated cost of Rs. 339 lakhs.		
2. Whether new or carried over from Second Plan.			Carried over from Second Plan.		
3. Location	.. ..	..	Dam at P.-S. Belhar, district Bhagalpur.		
4. Scope and main components/items (describe fully).			This scheme is to benefit 93,920 acres of land in Bhagalpur and Monghyr districts. Its components are (1) Earthen dam 132 ft. high, 1,500 ft. long at crest level, (2) Right and Left bank main canals will be 17½ miles long.		
5. Progress up to the end of the Second Plan (for continuing schemes).			69 per cent.		
6. Particulars of investigation and preparation of project report and explanation of basis of estimates.			The project has been prepared after detailed investigation and collection of Hydrological data. The estimate is based on analysis of rates for each work.		
7. Economic implications	.. ..	..	A much higher yield is assured.		
8. Proposed dates for commencement and completion and statement of construction programme to be carried out during each year of the Plan.			(1) Commencing date—1956-57. (2) Completion date—1963-64. 1961-62. 1962-63. 1963-64. 89% 97% 100% (Progressive).		
9. Cost estimates and expenditure—			(RS. IN LAKHS.)		
			Total. Foreign exchange.		
	Total estimated cost	..	3,39.00	..	..
	Outlay up to 1960-61	..	2,30.39	..	..
	Outlay proposed during 1961-66.	..	1,08.61	15.00	..
	Balance of outlay	..	Nil	..	..
10. Phasing of expenditure—			Total. Foreign exchange.		
	1961-62	..	70.50	..	..
	1962-63	..	30.00	1,08.61	15.00
	1963-64	..	8.11	..	..
	1964-65	..	..	..	..
	1965-66	..	..	..	..

)Phasing of outlay under item 10 should correspond to the phasing of works under item 8.)

I. IRRIGATION AND FLOOD CONTROL—*concl'd.*

11. Break-up of expenditure, 1961-66—				(RS. IN LAKHS.)			
				Total.	1961-62.	1962-63.	1961-66.
Wages and salaries	..	..	..	58.40	37.95	16.09	58.40
Equipment and machinery	..	..	..	5.40	3.51	1.30	5.40
Materials	..	..	..	23.40	15.24	6.50	23.40
Buildings	..	..	..	1.50	0.90	0.41	1.50
Land and development of land	..	..	..	15.91	10.30	4.40	15.91
Others	..	..	..	4.00	2.60	1.30	4.00
				1,08.61	70.50	30.00	1,08.61

12. Programme of output/benefits—

Item.	Unit.	Up to end of Second Plan.	Total for Third Plan.	Phasing for Third Plan.				
				1961-62.	1962-63.	1963-64.	1964-65.	1965-66.
1	2	3	4	5	6	7	8	9

Irrigation	..	'000 acres.	15	79	..	20	28	31	..
------------	----	-------------	----	----	----	----	----	----	----

13. Employment
(unit: man-years)—

(a) Construction phase—

Category.	1960-61.*	1961-62.	1962-63.	1963-64.	1964-65.	1965-66.
(i) Administrative	4	5	1	..
(ii) Clerical	98	130	54	11
(iii) Departmental—						
Technical and supervisory	16	62	24	5
Skilled, including semi-skilled	287	287	158	40
Unskilled	6,500	6,500	4,000	1,000

(iv) Estimated non-departmental—

Technical and Supervisory	..	8	31	12	3	..
Skilled, including semi-skilled	..	As above.				

(b) Continuing phase—

Estimated Departmental employ- (i) 1
ment as in (i), (ii), (iii) above. (ii) 54
(iii) Tech.—24, Skilled—21, Non-skilled—75.

*For Project carried over from the Second Plan.

II. IRRIGATION AND FLOOD CONTROL.

1. Description	<i>Sone Remodelling Scheme.</i>	
	The present canal system is silting up and it has become a problem to draw irrigation supplies. With the construction of Sone Barrage 5 miles upstream of Dehri anicut, the remodelling will become all the more necessary to cope with the increased irrigation command area. The present canal system irrigates an area of 7.34 lakh acres and remodelling will give additional irrigation in 3.07 lakh acres.	
2. Whether new or carried over from Second Plan.	Carried over from Second Plan.	
3. Location	Shahabad.	
4. Scope and main components/items (describe fully).	The remodelling of the existing canals and distribution system will give effective irrigation in existing 7.34 lakh acres besides bringing new area of 3.07 lakh acres.	
5. Progress up to the end of the Second Plan (for continuing schemes).	Major portion of the remodelling of existing Sone Canal system will be completed.	
6. Particulars of investigation and preparation of project report and explanation of basis of estimates.	The project based on sufficient investigation has the approval of Planning Commission.	
7. Economic implications	This will provide uninterrupted irrigation to the existing command of 7.34 lakh acres and after completion of Sone Barrage it will add additional benefit to 5.82 lakh acres. (i) Commencing date—1958-59.	
8. Proposed dates for commencement and completion and statement of construction programme to be carried out during each year of the Plan.	(ii) Will be completed in Third Plan period.	
9. Cost estimates and expenditure—	(RS. IN LAKHS.)	
	Total.	Foreign exchange.
Total estimated cost ..	261	..
Outlay up to 1960-61 ..	144	..
Outlay proposed during 1961-66.	117	..
Balance of outlay .. .. .	..	..
10. Phasing of expenditure--	(RS. IN LAKHS.)	
	Total.	Foreign exchange.
1961-62 .. 45.00	}	117 lakhs will be required to complete the remodelling scheme during the Third Plan period.
1962-63 .. 45.00		
1963-64 .. 27.00		
1964-65 .. .. .	..	..
1965-66. .. .. .	..	..

(Phasing of outlay under item 10 should correspond to the phasing of works under item 8.)

II. IRRIGATION AND FLOOD CONTROL—*concl.*

11. Break-up of expenditure, 1961—66.

(RS. IN LAKHS.)

	1961-62.	1962-63.	1961—66.
Wages and salaries	24.25	24.25	63.10
Equipment and machinery	2.25	2.25	5.85
Materials	9.90	9.90	25.75
Buildings	0.68	0.68	1.76
Land and development of land	6.30	6.30	16.40
Others	1.62	1.62	4.14

12. Programme of output/benefits—

Item.	Unit.	Up to end of Second Plan.	Total for Third Plan.	Phasing for Third Plan.				
				1961-62.	1962-63.	1963-64.	1964-65.	1965-66.
1	2	3	4	5	6	7	8	9
Irrigation ..	'000 acres.	..	157	50.00	50.00	57.00	..	..

13. Employment

(unit : man-years)—

(a) Construction phase—

Category.	1960-61.*	1961-62.	1962-63.	1963-64.	1964-65.	1965-66.
(i) Administrative	1	1	1	..	..
(ii) Clerical	65	65	54	..	..
(iii) Departmental—						
Technical and supervisory.	..	29	29	24	..	..
Skilled, including semi-skilled.	..	28	28	21	..	..
Unskilled	100	100	75	..	..
(iv) Estimated non-departmental—						
Technical and Supervisory.	..	14	14	12	..	..
Skilled, including semi-skilled.	..	28	28	21	..	..

(b) Continuing phase—

Estimated Departmental employment as in (i), (ii), (iii) above.

(i) 2

(ii) 102

(iii) Technical and Supervisory—48. Skilled and Semi-skilled—42. Unskilled—150.

* For projects carried over from the Second Plan.

III. IRRIGATION AND FLOOD CONTROL.

1. Description	<i>Chandan Reservoir Project.</i>	
	The proposed earthen dam on Chandan river is 6,625 ft. long and the maximum height will be 132 ft. The dam site is located near village Lakshmpur in the district of Bhagalpur. The river has a catchment area of 212 sq. miles at this site. Net irrigable area is 1,16,000 acres of Kharif and 19,000 Rabi. Estimated cost of the scheme comes to Rs. 279 lakhs.	
2. Whether new or carried over from Second Plan.	New Scheme.	
3. Location	Bhagalpur district.	
4. Scope and main components/items (describe fully).	The scheme consists of an earthen dam with distribution system for irrigating 1,16,000 acres of Kharif and 19,000 acres of Rabi.	
5. Progress up to the end of the Second Plan (for continuing schemes).	.. .. .
6. Particulars of investigation and preparation of project report and explanation of basis of estimates.	The project has been prepared.	
7. Economic implications	Good and fertile land gives poor yield due to insufficiency of water for irrigation. This is the best site for dam and commands good area. The yield will increase on completion of the project.	
8. Proposed dates for commencement and completion and statement of construction programme to be carried out during each year of the Plan.	(i) Commencing date— 1961-62. (ii) Will spill over to subsequent plan.	
9. Cost estimates and expenditure—	(RS. IN LAKHS.)	
		Total. Foreign exchange.
Total estimated cost	279.00	..
Outlay up to 1960-61 .. .. .	..	..
Outlay proposed during 1961-66.	210.00	15.00
Balance of outlay	69.00	..
10. Phasing of expenditure—	(RS. IN LAKHS.)	
		Total. Foreign exchange.
1961-62	10.00	..
1962-63	20.00	5
1963-64	25.00	5
1964-65	66.00	5
1965-66	89.00	..

(Phasing of outlay under item 10 should correspond to the phasing of works under item 8.)

III.—IRRIGATION AND FLOOD CONTROL—*concl'd.*

11. Break-up of expenditure, 1961—66—

				(RS. IN LAKHS.)		
				1961-62.	1962-63.	1961—66.
Wages and salaries	113.40
Equipment and Machinery	10.50
Materials	46.20
Buildings	3.15
Land and development of land	29.40
Others	7.35

12. Programme of output/benefits—

Item.	Unit.	Up to end of Second Plan.	Total for Third Plan.	Phasing for Third Plan.				
				1961-62.	1962-63.	1963-64.	1964-65.	1965-66.
1	2	3	4	5	6	7	8	9
Irrigation	.. '000 acres.	..	70	..	..	15	25	30

13. Employment
(unit: man-years)—

(a) Construction phase—

Category.	1960-61.*	1961-62.	1962-63.	1963-64.	1964-65.	1965-66.
(i) Administrative	2	4
(ii) Clerical	11	22	22	108
(iii) Departmental—						
Technical and supervisory	5	10	10	48
Skilled, including semi-skilled	7	14	14	63
Unskilled	700	2,000	2,000	4,000
(iv) Estimated non-departmental—						
Technical and Supervisory	3	5	5	24
Skilled, including semi-skilled	7	14	14	63

(b) Continuing phase—

Estimated Departmental employment as in (i), (ii), (iii) above.

(i) 1
(ii) 54

(iii) Technical—24. Skilled and Semi-skilled—21. Non-skilled—75.

*For projects carried over from the Second Plan.

IV. IRRIGATION AND FLOOD CONTROL.

1. Description	..	..	<i>Mohane Weir Scheme.</i>			
			This project envisages the construction of an earthen dam on river Mohane near Chau- paran in the district of Hazaribagh. The catchment area of this river at the site is 383 sq. miles. The estimated cost will be Rs. 165 lakhs.			
2. Whether new or carried over from Second Plan.			New Scheme.			
3. Location	..	..	P.-S. Chauparan in Hazaribagh district.			
4. Scope and main components/items (describe fully).			An earthen dam with distribution system for irrigation of 2.2 lakh acres of Kharif crop.			
5. Progress up to the end of the Second Plan (for continuing schemes).			New.			
6. Particulars of investigation and pre- paration of project report and explanation of basis of estimates.			Detailed survey has been completed shortly and the project is under preparation.			
7. Economic implications	..	..	Vast tract of fertile land is lying uncultivated for want of irrigation facilities. River Mohane is a good source of water for irrigation of harnessed. This will improve the economic condition of the locality.			
8. Proposed dates for commencement and completion and statement of construction programme to be car- ried out during each year of the Plan.			Work will commence from 1964-65 and will spill over to Fourth Plan period.			
9. Cost estimates and expenditure—				(RS. IN LAKHS.)		
				Total. Foreign exchange		
Total estimated cost	..	..	(1) Total estimated cost	..	165	15
Outlay up to 1960-61	..	..	(2) Expenditure proposed in 1961—66.	..	43.50	..
Outlay proposed during 1961—66	..	..	(3) 1964-65	..	20.00	..
Balance of outlay	..	..	(4) 1965-66	..	23.50	..
			(5) Balance of outlay	..	121.50	..
10. Phasing of expenditure—				(RS. IN LAKHS.)		
				Total. Foreign exchange.		
			1961-62	..	..	..
			1962-63	..	..	..
			1963-64	..	..	..
			1964-65	..	20.00	5
			1965-66	..	23.50	..
(Phasing of outlay under item 10 should correspond to the phasing of works under item 8.)						

IV. IRRIGATION AND FLOOD CONTROL—*concl'd.*

11. Break-up of expenditure, 1961—66—

(RS. IN LAKHS.)

	1961-62.	1962-63.	1961—66.
Wages and salaries	23.50
Equipment and machinery	2.18
Materials	9.51
Buildings	0.66
Land and development of land	6.13
Others	1.52

12. Programme of output/benefits—

Item.	Unit.	Up to end of Second Plan.	Total for Third Plan.	Phasing for Third Plan.				
				1961-62.	1962-63.	1963-64.	1964-65.	1965-66.
1	2	3	4	5	6	7	8	9
	'000 acres.	..	..	..	..	..	..	..
13. Employment (unit : man-years)—								
(a) Construction phase—								
Category.			1960-61.*	1961-62.	1962-63.	1963-64.	1964-65.	1965-66.
(i) Administrative .. ..	..	..	..	..	..	..	..	..
(ii) Clerical .. ..	..	..	..	..	..	..	22	22
(iii) Departmental—								
Technical and supervisory .. ..	..	..	..	..	..	..	10	10
Skilled, including semi-skilled .. ..	..	..	..	..	..	..	14	14
Unskilled .. ..	..	..	..	..	..	..	1,200	1,500
(iv) Estimated non-departmental—								
Technical and Supervisory .. ..	..	..	..	..	..	..	5	5
Skilled, including semi-skilled .. ..	..	..	..	..	..	..	14	14
(b) Continuing phase—								
Estimated Departmental employment as in (i), (ii), (iii) above.			(i) 1. (ii) 76.					
			(iii) Technical—34. Skilled and semi-skilled—35. Non-skilled—125.					

*For projects carried over from the Second Plan.

V.—IRRIGATION AND FLOOD CONTROL.

1. Description .. .. .	.. .. .	.. .. .	<i>Mokameh Tal Scheme.</i>
			This project envisages drainage, irrigation and regulation of various nalas and rivers which cause submergence to the tal area extending from Fatwah to Lakhisarai, the average length being 40 miles and width 10 miles. Common problems for the tal area are as follows:—
			(1) In drought period the tal areas get dried up much before Rabi sowing season. This results in poor Rabi crop.
			(2) Damage of Rabi crop due to winter rain water accumulation through the spill channel from the river Mohane and Harohar.
			(3) Early and quick drainage of accumulated water from tal area for want of any control over the drainage which rendered large area unfit for sowing for want of adequate moisture. Besides these there are local problems for the tal. The scheme will cost 100 lakhs.
2. Whether new or carried over from Second Plan.			New Scheme.
3. Location .. .. .	.. .. .	.. .. .	Patna District.
4. Scope and main components/items (describe fully).			Scheme contemplates drainage irrigation and regulation of various nalas and rivers which cause submergence of tal area.
5. Progress up to the end of the Second Plan (for continuing schemes).			.. .. .
6. Particulars of investigation and preparation of project report and explanation of basis of estimates.			Detailed survey has been taken up and the project will be prepared on completion of the survey work.
7. Economic implications .. .. .	.. .. .	.. .. .	In Mokameh tal there are out-falls of many rivers and canals which carry huge discharge and submerge an area of about 400 sq. miles. Good land becomes unfit for cultivation as it is submerged for a greater part of the year. The scheme envisages for drainages of the above tal area to make it fit for cultivation.
8. Proposed dates for commencement and completion and statement of construction programme to be carried out during each year of the Plan.			(i) Commencement date 1964-65. (ii) Will spill over to Subsequent Plan. 1964-65. 1965-66. 10 per cent. 20 per cent.
9. Cost estimates and expenditure—			(RUPEES IN LAKHS.)
			Total. Foreign exchange.
			Total estimated cost .. 100.00 ..
			Outlay up to 1960-61
			Outlay proposed during 1961-66 20.00 ..
			Balance of outlay .. 80.00 3.00
10. Phasing of expenditure—			(RUPEES IN LAKHS.)
			Total. Foreign exchange.
			1961-62
			1962-63
			1963-64
			1964-65 10.00
			1965-66 10.00
			(Phasing of outlay under item 10 should correspond to the phasing of works under item 8).

V.—IRRIGATION AND FLOOD CONTROL—*concl.*

11. Break-up of expenditure, 1961—66—

(RUPEES IN LAKHS.

1961-62. 1962-63. 1961—66.

Wages and salaries	..	..	..	..	..	8.00
Equipment and machinery	..	..	..	..	..	2.00
Materials	..	..	..	..	..	6.00
Buildings	..	..	..	..	..	0.30
Land and development of land	..	..	..	..	..	2.70
Others	..	..	..	..	..	1.00

12. Programme of output/benefits—

Item.	Unit.	Up to end of Second Plan.	Total for Third Plan.	Phasing for Third Plan.				
				1961- 62.	1962- 63.	1963- 64.	1964- 65.	1965- 66.
1	2	3	4	5	6	7	8	9

		('000 acres.)						
13. Employment (unit: man-years)—		1960-61.*	1961-62.	1962-63.	1963-64.	1964-65.	1965-66.	
(a) Construction phase—								
Category.								
(i) Administrative	
(ii) Clerical	11	11	
(iii) Departmental—								
Technical and super- visory.	5	5	
Skilled, including semi-skilled.	7	7	
Unskilled	600	600	
(iv) Estimated non- departmental—								
Technical and Super- visory.	
Skilled, including semi-skilled.	
(b) Continuing phase—								
Estimated Departmental employment as in (i), (ii) and (iii) above.				(i) Nil. (ii) 11. (iii) Technical—5. Skilled and semi-skilled—7. Non-skilled—25.				

*For projects carried over from the Second Plan,

VI.—IRRIGATION AND FLOOD CONTROL.

(COSTING RS. 1 CORE OR MORE.)

1. Description ..	..	<i>Embankment on right bank of river Bagmati from Hayaghat to Karachin.</i>	
		This project envisages construction of embankment along river Adhwara, Jemura, Sikao, Burhand, Dhaus, Thotano, Khirohi, etc. in the district of Muzaffarpur and western part of Darbhanga. The total length of embankment comes to 55 miles and length of the river section which needs improvement is 33 miles. The total estimated cost is 109.22 lakhs and will protect an area of 55,500 acres.	
2. Whether new or carried over from 2nd Plan.	..	Carried over from 2nd Plan.	
3. Location ..	..	Darbhanga.	
4. Scope and main components/items (describe fully).	..	A total length of 55 miles of embankment on right bank on river Bagmati to protect an area of 55,500 acres from floods.	
5. Progress up to the end of the 2nd Plan (for continuing schemes).	..	95 per cent.	
6. Particulars of investigation and preparation of project report and explanation of basis of estimates.	..	The estimate has been framed after detailed survey and investigation and the cost is based on actual analysis of rates.	
7. Economic implications ..	..	River Bagmati when swells up submerges a huge area resulting in loss of human life and their property. The above area will be protected by construction of an embankment from Hayaghat to Karachin and hence the implementation of the scheme is very much necessary.	
8. Proposed dates for commencement and completion and statement of construction programme to be carried out during each year of the Plan.	..	(i) Commencing date 1956-57.	
9. Cost estimates and expenditure—	..	(ii) Completion date 1963-64.	
		(RUPEES IN LAKHS.)	
		Total	Foreign exchange.
		Total estimated cost	109.22 ..
		Outlay up to 1960-61	105.22 ..
		Outlay proposed during 1961-66.	4.00 ..
		Balance of outlay	.. ..
10. Phasing of expenditure—		(RUPEES IN LAKHS.)	
		Total	Foreign exchange.
		1961-62	0.75 ..
		1962-63	2.50 ..
		1963-64	0.75 ..
		1964-65 .. ..	.. ..
		1965-66 .. ..	.. ..
		(Phasing of outlay under item 10 should correspond to the phasing of works under item 8.)	

VI.—IRRIGATION AND FLOOD CONTROL—*concl'd.*

11. Break-up of expenditure, 1961-66—

(RUPEES IN LAKHS.)

	1961-62.	1962-63.	1961-66.
Wages and salaries	0.41	1.35	2.16
Equipment and machinery	0.04	0.13	0.20
Materials	0.16	0.55	0.88
Buildings	0.01	0.03	0.06
Land and development of land	0.11	0.35	0.56
Others	0.02	0.00	0.14

12. Programme of output/benefits—

Items.	Unit.	Up to end of 2nd Plan.	Total. for 3rd Plan.	Phasing for Third Plan.				
				1961-62.	1962-63.	1963-64.	1964-65.	1965-66.
1	2	3	4	5	6	7	8	9
Protection of land from flooding.	'000 acres.	50	50	10	20	20	..	..

13. Employment (unit: man-years)—

(a) Construction phase— Category.	1960-61.*	1961-62.	1962-63.	1963-64.	1964-65.	1965-66.
(i) Administrative
(ii) Clerical	1	..	..	..
(iii) Departmental—						
Technical and Supervisory.	..	1	3	1	..	..
Skilled, including semi-skilled	..	1	4	1	..	..
Unskilled	..	60	150	60	..	..
(iv) Estimated non-departmental—						
Technical and supervisory.
Skilled, including semi-skilled.
(b) Continuing phase— Estimated Departmental employment as in (i), (ii) and (iii) above.			(i) Nil. (ii) 11. (iii) Technical—5, Skilled and semi-skilled—7, Non-skilled—25.			

*For projects carried over from the Second Plan.

VII.—IRRIGATION AND FLOOD CONTROL.

(COSTING RS. 1 CRORE OR MORE.)

1. Description .. .. .	.. <i>Gumani Dam Scheme</i> .—The proposed earthen dam on the river Gumani will be 1¼ miles long. The site of dam has been located in village Gongrichota in Santhal Parganas district. The river has a commandable area of 43,400 acres of Kharif and 800 acres of Rabi land. The total cost comes to Rs. 200 lakhs and the incidence of cost works out Rs. 341 per acre.	
2. Whether new or carried over from Second Plan.	New Scheme.	
3. Location	Santhal Parganas district.	
4. Scope and main components/ items (describe fully).	The Scheme consists of a dam and a system of canals for irrigation of 44,200 acres in Santhal Parganas.	
5. Progress up to the end of the Second Plan (for continuing schemes).	..	..
6. Particulars of investigation and preparation of project report and explanation of basis of estimates.	Survey completed and the project is under preparation.	
7. Economic implications	Due to flood the area suffers much every year. There is huge loss of property due to flood. The project will save the area from flood and will supply water to culturable land which requires irrigation facilities badly.	
8. Proposed dates for commencement and completion and statement of construction programme to be carried out during each year of the Plan.	Major portion of the project will be completed in the third plan period and the remaining work will spill over to the next plan. Likely commencement will be from 1962-63.	
9. Cost estimates and expenditure—	(RUPEES IN LAKHS.)	
		Foreign Total. exchange.
	Total estimated cost ..	200.00 ..
	Outlay up to 1960-61 ..	.. ..
	Outlay proposed during 1961-66. ..	1,16.50 10.00
	Balance of outlay ..	83.50 ..
10. Phasing of expenditure—	[RUPEES IN LAKHS.]	
	Total.	Foreign exchange.
	1961-62 ..	5.00 ..
	1962-63 ..	10.00 1.00
	1963-64 ..	14.71 4.00
	1964-65 ..	22.80 5.00
	1965-66 ..	63.99 ..

(Phasing of outlay under item 10 should correspond to the phasing of works under item 8).

VII.—IRRIGATION AND FLOOD CONTROL—*concl'd.*

11. Break-up of expenditure, 1961-66—

(RUPEES IN LAKHS.)

	1961-62.	1962-63.	1961-66.
Wages and salaries	63.14
Equipment and machinery	5.82
Materials	25.50
Buildings	1.74
Land and development of land	16.25
Others	4.05
Total	116.50

12. Programme of output/benefits.—

Phasing for Third Plan.

Item.	Unit.	Up to end of 2nd Plan.	Total for Third Plan.	1961-62.	1962-63.	1963-64.	1964-65.	1965-66.
1	2	3	4	5	6	7	8	9
	'000 acres	..	22	..	..	..	10	12

13. Employment (unit: man-years)—

(a) Construction phase—

Category	1960-61.*	1961-62.	1962-63.	1963-64.	1964-65.	1965-66.
(i) Administrative	1	2	..
(ii) Clerical	11	65	108	..
(iii) Departmental—						
Technical and Supervisory	5	29	48	..
Skilled, including semi-skilled.	7	28	42	..
Unskilled	200	2,500	4,600	..
(iv) Estimated non-departmental—						
Technical and Supervisory	3	15	24	..
Skilled, including semi-skilled.	7	28	42	..

(b) Continuing phase—

Estimated Departmental employment as in (i), (ii) and (iii) above.

(i) Nil.

(ii) 10.

(iii) Technical—8. Skilled and semi-skilled—2. Non-skilled—16.

*For projects carried over from the Second Plan.

VIII.—IRRIGATION AND FLOOD CONTROL.

1. Description *Barnar Reservoir Project*—
This scheme consists of construction of masonry dam 250 feet long and 196 feet high on Barnar river with canal system to irrigate an area of 48,000 acres of land in scarcity area of the Jamui Subdivision of Monghyr District.
2. Whether new or carried over from Second Plan. New Scheme.
3. Location Jamui Subdivision, Monghyr.
4. Scope and main components/items (describe fully). Masonry dam with canal system to irrigate 48,000 acres of land.
5. Progress up to the end of the Second Plan (for continuing schemes).
6. Particulars of investigation and preparation of project report and explanation of basis of estimates. The project is under preparation after completing detailed survey and investigation.
7. Economic implications The Scheme falls in scarcity area where fertile lands are available for irrigation.
8. Proposed date for commencement and completion and statement of construction programme to be carried out during each year of the Plan. (i) To commence in 1961-62.
(ii) Likely date of completion 1967-68.
9. Cost estimates and expenditure.—

	(RUPEES IN LAKHS.)	
	Total.	Foreign exchange.
Total estimated cost	2,00.00	..
Outlay up to 1960-61	..	..
Outlay proposed during 1961—66.	1,50.00	..
Balance of outlay	50.00	..

10. Phasing of expenditure.—

	(RUPEES IN LAKHS.)	
	Total.	Foreign exchange.
1961-62	10.00	..
1962-63	15.00	..
1963-64	20.00	..
1964-65	50.00	..
1965-66	55.00	..

(Phasing of outlay under item 10 should correspond to the phasing of works under item 8).

VIII.—IRRIGATION AND FLOOD CONTROL—*concd.*

11. Break-up of expenditure, 1961—66.—

(RUPEES IN LAKHS.)

	1961-62.	1962-63.	1961—66.
Wages and salaries	5.4	8.10	81.00
Equipment and machinery	0.5	0.75	7.50
Materials	2.2	3.30	33.00
Buildings	0.15	0.23	2.25
Land and development of land	1.40	2.10	21.00
Others	0.35	0.52	5.25

12. Programme of output/benefits—

Phasing for Third Plan.

Item.	Unit.	Up to end of Second Plan.	Total for Third Plan.	1961-62.	1962-63.	1963-64.	1964-65.	1965-66.
1	2	3	4	5	6	7	8	9
	'000 acres	..	38	..	..	8	10	20

13. Employment (unit: man-years)—

(a) Construction phase—		1960-61.*	1961-62.	1962-63.	1963-64.	1964-65.	1965-66.
Category.							
(i) Administrative	2	2
(ii) Clerical	11	22	22	97	97
(iii) Departmental— Technical and Supervisory.	5	10	10	43	43
Skilled, including semi-skilled.	7	14	14	35	35
Unskilled	600	1,900	1,200	3,000	3,500
(iv) Estimated non- departmental—							
Technical and Supervisory.	2	5	5	22	22
Skilled, including semi-skilled.	7	14	14	35	35
(b) Continuing phase—							
Estimated Departmental employment as in (i), (ii) and (iii) above.			(i) Nil. (ii) 11. (iii) Technical—5. Skilled and Non-skilled—25.				semi-skilled—7.

*For projects carried over from the Second Plan.

IX.—IRRIGATION AND FLOOD CONTROL.

1. Description *Ajoy Valley Scheme barrage at Siktia—*
This scheme is a part of the bigger scheme known as unified "Development of Ajoy Valley" which consists of six dams and one barrage. The barrage is located at the downstream of the confluence of the Jainty and the Ajoy at Siktia. The Scheme on completion will benefit an area of 90,000 acres in Santhal Parganas district at a cost of Rs. 300 lakhs.
2. Whether new or carried over from New Scheme.
Second Plan.
3. Location Siktia, Santhal Parganas.
4. Scope and main components/items (describe fully). The scheme consists of a barrage at the confluence of Jainty and Ajoy distribution system for irrigating an area of 90,000 acres in Santhal Parganas.
5. Progress up to the end of the Second Plan (for continuing schemes). Nil.
6. Particulars of investigation and preparation of project report and explanation of basis of estimates. The detailed investigation is under progress and the preparation of project will be taken up shortly.
7. Economic implications Vast tract of land is lying uncultivated which makes the people depend on other area for foodgrain. The harnessing of Ajoy will bring prosperity in the area.
8. Proposed dates for commencement and completion and statement of construction programme to be carried out during each year of the Plan. (i) Commencing date 1963-64.
(ii) Completion date will spill over to subsequent plan.
9. Cost estimates and expenditure—

(RUPEES IN LAKHS.)

	Total.	Foreign exchange.
Total estimated cost ..	300.00	..
Outlay up to 1960-61 ..	..	..
Outlay proposed during 1961-66.	25.00	20.00
Balance of outlay ..	2,75.00	..

10. Phasing of expenditure.—

(RUPEES IN LAKHS.)

	Total.	Foreign exchange.
1961-62 ..	..	..
1962-63 ..	..	..
1963-64 ..	2.00	..
1964-65 ..	11.00	..
1965-66 ..	12.00	..

(Phasing of outlay under item 10 should correspond to the phasing of works under item 8).

IX.—IRRIGATION AND FLOOD CONTROL—*concl.*

11. Break-up of expenditure, 1961—66—

(RUPEES IN LAKHS.

	1961-62.	1962-63.	1961—66.
Wages and salaries	13.50
Equipment and machinery	1.25
Materials	5.50
Buildings	0.38
Land and development of land	3.50
Others	0.87
Total	25.00

12. Programme of output/benefits.—

Item.	Unit.	Up to end of Second Plan.	Total for Third Plan.	Phasing for Third Plan.				
				1961-62.	1962-63.	1963-64.	1964-65.	1965-66.
1	2	3	4	5	6	7	8	9
	'000 acres	..	..	..	..	..	..	..

13. Employment (Unit: man-years)—

(a) Construction phase—

Category.	1960-61*	1961-62.*	1962-63.	1963-64.	1964-65.	1965-66.
(i) Administrative
(ii) Clerical	2	11	11
(iii) Departmental—						
Technical and Supervisory.	1	5	5
Skilled, including semi-skilled.	2	7	7
Unskilled	5	25	25
(iv) Estimated non-departmental—						
Technical and Supervisory.	3	3
Skilled, including semi-skilled.	7	7
(b) Continuing phase—						
Estimated Departmental employment as in (i), (ii) and (iii) above.				(i) Nil. (ii) 22. (iii) Technical—10. Skilled and semi-skilled—14. Non-skilled—50.		

*For projects carried over from the Second Plan.

X. Irrigation and Flood Control.
(KOSI PROJECT SPILL-OVER SCHEME.)

- | | | | |
|--|----|----|--|
| 1. Description | .. | .. | The Kosi Project comprises of three units-- |
| | | | (i) Construction of a barrage across the Kosi river. |
| | | | (ii) Construction of embankments 75 miles long each on both banks of the river 5 to 10 miles apart. |
| | | | (iii) Canal system on the left bank to irrigate 14.05 lakh acres. |
| 2. Whether new or carried over from Second Plan. | | .. | Carried over. |
| 3. Location | .. | .. | Headworks are near Indo-Nepal Border, Canal system and embankments in North Bihar, Saharsa and Purnea districts. |
| 4. Scope and main components/items.. | | .. | Flood control to an area of 6.5 lakh acres and irrigation to 14.05 lakh acres. Main components are construction of a barrage 3,770 feet long with earthen flanks and afflux Bunds. Embankments on either side of the river totalling 150 miles and a canal system to irrigate 14.05 lakh acres. |
| 5. Progress up to the end of Second Plan (for continuing Schemes). | | | Embankments have been completed. Two-thirds of the barrage and one-third of the canal system are complete. Concreting of 35 out of 56 bays has been completed. Work on right under sluices, protection works for right and left guide bunds and earthwork on west afflux bund is in progress. Orders for the barrage gates and pre-stressed bridge over the barrage have issued. In the canal system, earthwork in the main and branch canals has been nearly completed while three-fourth of earthwork on distributaries has been done. Cross drainage and other masonry works on Canal structures are in progress. |
| 6. Particulars of investigation and preparation of Project report and explanation of basis of estimates. | | | This is a sanctioned Project. |
| 7. Economic implications and justification (for new schemes). | | | Does not arise. |
| 8. Proposed dates for commencement and completion and phasing of construction progress. | | | Commenced 1954-55.
To be completed 1963-64. |

X. *Irrigation and Flood Control*—contd.

9. Cost estimates and expenditure—

	(RUPEES IN LAKHS.)	
	Total.	Foreign exchange.
Total estimated cost ..	44,76	..
Outlay up to 1960-61	28,28	..
Outlay proposed during 1961-66.	18,00	40
Balance of outlay ..	Nil	..

10. Phasing of expenditure—

	(RUPEES IN LAKHS.)	
	Total.	Foreign exchange.
1961-62 ..	6,97.00	} 40,00
1962-63 ..	7,03.00	
1963-64 ..	4,00.00	
1964-65 ..	..
1965-66 ..	..
TOTAL ..	18,00.00	40.00

11. Break-up of expenditure, 1961-66—

	(RUPEES IN LAKHS.)	
	Total.	1961-66.
Wages and salaries ..	18,00	700
Equipment and machinery.	500	40
Materials ..	12,76	810
Buildings ..	400	50
Land and development of land.	} 500	200
Others		

X. Irrigation and Flood Control—concl'd.

12. Programme of output/benefits—

Item.	Unit.	Up to end of Second Plan.	Total for Third Plan.	Phasing for Third Plan.				
				1961-62.	1962-63.	1963-64.	1964-65.	1965-66.
1	2	3	4	5	6	7	8	9
1. Potential created at—								
(a) Headworks—								
(i) Gross area ..	(thou- sand acres).	..	14,05	..	..	14,05	..	..
(ii) Net area ..	Ditto.	..	12,22	..	..	12,22	..	..
(b) Outlets—								
(i) Gross area ..	Ditto	..	14,05	..	..	14,05	..	..
(ii) Net area ..	Ditto	..	12,22	..	..	12,22	..	..
2. Proposed utilisation—								
(i) Gross area ..	Ditto	..	8,43	..	..	2,81	2,81	2,81
(ii) Net area ..	Ditto	..	7,33	..	..	2,45	2,45	2,43

13. Employment
(Unit man-years).—

Category.	1961-62.	1962-63.	1963-64.	1964-65, 1965-66.			
I. Administrative	..	35	35	21	15	15	
II. Clerical	11,00	11,00	680	190	190
III. Departmental—							
Technical and Supervisory	875	875	540	150	150	
Skilled and semi-skilled	875	875	540	150	150	
IV. Non-departmental—							
Technical and Supervisory	
Skilled and semi-skilled	13,00	13,00	800	215	215	

XI.—*Irrigation and Flood Control.*

(WESTERN KOSI CANAL SYSTEM).

1. Description The Western Kosi Canal Project comprises a main canal 70 miles long taking off from the right flank of the Kosi Barrage with a capacity of 7,000 cusecs and to irrigate 8.03 lakh acres in Darbhanga and Saharsa districts of North Bihar. The canal will be a perennial one and assure irrigation facilities to the lands which are now subject to severe drought frequently.
2. Whether new or carried over from New. Second Plan.
3. Location North Bihar, districts of Darbhanga and Saharsa.
4. Scope and main components/items .. To irrigate 8.03 lakh acres. Main components are the construction of a main canal taking off from the Kosi Barrage, with branches and distributaries. The canal will cross the numerous rivers and drainage system in North Bihar.
5. Progress up to the end of the Second Plan (for continuing schemes).
6. Particulars of investigation and preparation of project report and explanation of basis of estimates. Preliminary investigations have been completed. Detailed investigations are in progress. The estimates are based on comparable costs per acre in East Kosi Canal System with extra provision for the river and major drainage.
7. Economic implications and justification (for new schemes). Headworks for the Canal System will be ready as part of the Kosi Barrage. This project provides for the excavation of Canal system only. The outlay will be about Rs. 146 per acre and so is considered a good scheme.
8. Proposed dates for commencement and completion and phasing of construction programme. The scheme is proposed to be taken up in the first year of the Third Five-Year Plan, 1961-62, and completed by 1968-69. If more funds are provided it can be completed before the end of the Third Plan period. The phasing has been done on the basis of present provisions.

(RUPEES IN LAKHS.)

9. Cost estimates and expenditure ..	Total.	Foreign exchange.
Total estimated cost ..	12,00.00	..
Outlay up to 1960-61 ..	..	..
Outlay proposed during 1961—66.	2,00.00	20.00
Balance of outlay ..	..	..

XI. *Irrigation and Flood Control—contd.*

10. Phasing of expenditure.

			Total.	Foreign exchange.
1961-62	20.00	} 20.00
1962-63	..	..	40.00
1963-64	..	..	40.00
1964-65	..	..	50.00
1965-66		..	50.00	
TOTAL	..		<u>2,00.00</u>	<u>20.00</u>

11. Break-up of expenditure, 1961—66—

			(RUPEES IN LAKHS.)	
			<u>Total. 1961—66.</u>	
Wages and salaries	-		4,80	80
Equipment and machinery			1,20	20
Materials ..	-		4,00	40
Buildings ..	..		50	30
Land and development of land.			} 1,50	} 30
Others				

XI. IRRIGATION AND FLOOD CONTROL—*concl'd.*

12. Programme of output/benefits—

Item.	Unit.	Up to end of Second Plan.	Total for Third Plan.	Phasing for Third Plan.				
				1961-62.	1962-63.	1963-64.	1964-65.	1965-66.
1	2	3	4	5	6	7	8	9
1. Potential created at—								
(a) Head works.—								
(i) Gross area ..	'000 acres.	8,03	..	..	..	..	..	..
(ii) Net area ..	Ditto.	6,45	..	..	..	..	..	..
(b) Outlets—								
(i) Gross area	'000 acres.	..	Nil	..	..	..	..	..
(ii) Net area ..	Ditto.	..	Nil	..	..	..	..	..
2. Proposed utilisation—								
(i) Gross area	'000 acres.	..	Nil	..	..	..	..	..
(ii) Net area ..	Ditto	..	Nil	..	..	..	..	..

13. Employment (Unit: Man-years)—

Category.	1961-62.	1962-63.	1963-64.	1964-65.	1965-66.
1	2	3	4	5	6
I. Administrative	2	2	2	2	2
II. Clerical ..	65	65	65	75	75
III. Departmental—					
Technical and Supervisory.	55	55	55	65	65
Skilled and semi-skilled	55	55	55	65	65
IV. Non-departmental —					
Technical and Supervisory.	..	..	..	..	..
Skilled and semi- skilled.	90	90	90	100	100

XII. IRRIGATION AND FLOOD CONTROL.

(EASTERN EMBANKMENT AND BHENGADHAR.)

1. Description .. .. .	..	..	..	This scheme comprises construction of a Branch Canal taking off from the East Kosi Main Canal under construction. There will be sub-branches distributaries and minors to irrigate about 3.97 lakh acres in Saharsa district between the eastern embankment and the western limit of the sanctioned canal scheme.
2. Whether new or carried over from Second Plan.				New.
3. Location .. .. .	..	..	..	North Bihar, Saharsa district.
4. Scope and main components/items ..	..	..	..	To irrigate 3.97 lakh acres. Main components are construction of branch canals, distributaries and minors.
5. Progress up to the end of the Second Plan (for continuing schemes).				....
6. Particulars of investigation and preparation of project report and explanation of basis of estimates.				Preliminary investigations are complete. Detailed investigations are in progress. Estimates are based on the cost per acre in East Kosi Canal System.
7. Economic implication and justification (for new schemes).				This is a scheme for which the headworks on the river, the main canal and the head regulator will be ready as part of the sanctioned Kosi Project. It is a question of extending the canal system to cover more area.
8. Proposed dates for commencement and completion and phasing of construction programme.				To be commenced in the first year of the Third Plan period and completed by 1968-69. If more funds are provided it can be completed before the end of the Third Plan period. The phasing has been done on the basis of present provision.
9. Cost estimates and expenditure—				(RUPEES IN LAKHS.)
				Total. Foreign exchange.
				Total estimated cost .. 5,00.00 ..
				Outlay up to 1960-61..
				Outlay proposed during 1961-66. 2,50.00 ..
				Balance of outlay
10. Phasing of expenditure				(RUPEES IN LAKHS.)
				1961-62 .. 25.00
				1962-63 .. 60.00
				1963-64 .. 60.00
				1964-65 .. 60.00
				1965-66 .. 45.00
				TOTAL .. 2,50.00
11. Break-up of expenditure				(RUPEES IN LAKHS.)
				Total 1961-66.
				Wages and salaries .. 2,00 1,00
				Equipment and machineries .. 50 20
				Materials 1,75 80
				Buildings 25 25
				Land and development of land } 50 25
				Others j

XII. IRRIGATION AND FLOOD CONTROL—*concl'd.*

12. Programme of output/benefits—

Item.	Unit.	Up to end of Second Plan.	Total for Third Plan.	Phasing for Third Plan.				
				1961- 62,	1962- 63.	1963- 64.	1964- 65.	1965- 66.
1	2	3	4	5	6	7	8	9
1. Potential created at—								
(a) Headworks—								
(i) Gross area	'000 acres	..	3,97	..	..	..	..	..
(ii) Net area	.. '000 acres	..	3,27	..	..	..	..	..
(b) Outlets—								
(i) Gross area	.. '000 acres	..	1,00	..	..	..	..	..
(ii) Net area	.. '000 acres	..	82	..	..	..	..	..
2. Proposed utilisation—								
(i) Gross area	.. '000 acres	..	1,00	..	..	..	..	..
(ii) Net area	.. '000 acres	..	82	..	..	..	..	..

13. Employment (Unit: Man-years)—

Category.	1961-62.	1962-63.	1963-64.	1964-65.	1965-66.
1	2	3	4	5	6
I. Administrative	3	3	3	3
II. Clerical	85	85	85	85
III. Departmental—					
Technical and supervisory	70	70	70	70
Skilled and semi-skilled	70	70	70	70
IV. Non-departmental—					
Technical and supervisory
Skilled and semi-skilled	110	110	110	110

XII IRRIGATION AND FLOOD CONTROL.

(SONE BARRAGE PROJECT.)

1. Description The present Anicut on river Sone was constructed in the year 1874--78 and is pretty old without dated operational measures. The weir constructed on shallow wells covers the entire width of the river. In view of its great length silting takes place in front of the head regulator and there being no crest control, it has become a problem to draw the irrigation supplies. With the construction of Nihand dam in U. P. and assured release from the tail race of the power house is expected and can best be utilised in the present and adjoining commands of Sone Canal system. With this idea in mind a replacement work—Sone Barrage Project has been contemplated to be taken up 5 miles up-stream of the present Anicut with a series of component works to improve the irrigation in the present command and to extend this in adjoining areas.
- The Sone Barrage Project including the Remodelling Works will cost Rs. 14.43 crores. Besides stabilising irrigation in 7.34 lakh acres of the present command, it will irrigate 3.07 lakh acres of additional area after completion of Sone Remodelling Works and another 2.75 lakh acres after completion of Sone High Level canals, estimated to cost Rs. 6.26 crores. This part of the project is still under examination by Planning Commission.
2. Whether new or carried over from Second Plan. Carried over from the Second Plan.
3. Location 5 miles upstream of Dehri Anicut in the district of Shahabad.
4. Scope and main components/items .. The project will benefit the districts of Shahabad, Gaya and Patna of the State of Bihar. It consists of a barrage across river Sone, two link canals on either banks to connect with the existing system of canal and remodelling of the existing canal and distribution systems for effective irrigation of present areas.
5. Progress up to the end of the Second Plan (for continuing schemes). About 90 per cent of remodelling of existing Sone Canal system and preliminary works on barrage will be completed.
6. Particulars of investigation and preparation of project report and explanation of basis of estimate. The Project based on sufficient investigation has the approval of Planning Commission, the work is contemplated to be done by use of machinery and the rates are provided accordingly.
7. Economic implications and justification (for new schemes). In addition to providing uninterrupted irrigation to the existing command of 7.34 lakh acres the scheme provided irrigation benefit to 3.07 lakh acres.

XIII. IRRIGATION AND FLOOD CONTROL—*contd.*

8. Proposed dates for commencement and completion and phasing of construction programme.

- (1) Commencing date—1958 (Some Remodelling works only.)
 (2) Completion date—Will spill-over to subsequent plan.
 (3) Phasing of construction programme (Progressive).

		Per cent.
1961-62	..	20.0
1962-63	..	33.0
1963-64	..	50.0
1964-65	..	75.0
1965-66	..	91.0

(These do not include Eastern and Western High Level Canals which have not yet been sanctioned.)

9. Cost-estimates and expenditure—

(RUPEES IN LAKHS.)
 Total. Foreign exchange.

(1) Total estimated cost	14,43.00	86.00
(2) Outlay up to 1960-61	1,73.22	20.50
(3) Outlay proposed during 1961-66.	12,00.00	50.00
(4) Balance of outlay	70.00	5.00

10. Phasing of expenditure—

(RUPEES IN LAKHS.)
 Total. Foreign exchange.

(5) 1961-62	..	1,00.00	N.A.
(6) 1962-63	..	2,50.00	N.A.
(7) 1963-64	..	2,50.00	Nil.
(8) 1964-65	..	3,00.00	Nil.
(9) 1965-66	..	3,00.00	Nil.

11. Break-up of expenditure—
 (1961-66.)

(RUPEES IN LAKHS.)

	1961-62.	1962-63.	1963-64.	1964-65.	1965-66.	Total.
1	2	3	4	5	6	7
Wages and salaries ..	11.00	9.00	20.00	20.00	20.00	80.00
Equipment and machinery	40.00	40.00	20.00	18.00	10.00	1,28.00
Materials	35.00	40.00	1,00.00	1,25.00	1,25.00	4,25.00
Buildings	16.00	8.00	3.00	1.00	..	28.00
Land and development of land.	13.00	16.00	1.00	..	..	30.00
Others	35.00	87.00	1,06.00	1,36.00	1,45.00	5,09.00
TOTAL ..	1,00.00	2,50.00	2,50.00	3,00.00	3,00.00	12,00.00

XIII. IRRIGATION AND FLOOD CONTROL—*contd.*

12. Programme of out put/benefits—

(IN THOUSAND ACRES.)

Item.	Up to end of Second Plan.	Total for Third Plan.	Phasing for Third Plan.				
			1961- 62.	1962- 63.	1963- 64.	1964- 65.	1965- 66.
1	2	3	4	5	6	7	8
1. Potential created at—							
<i>(a)</i> Head works—							
<i>(i)</i> Gross area	.. 150	432*	100	57	..	..	275
<i>(ii)</i> Net area	.. 150	432	100	57	..	..	275
<i>(b)</i> Outlets—							
<i>(i)</i> Gross area	.. 150	157	100	57	..	..	..
<i>(ii)</i> Net area	.. 150	157	100	57	..	..	..
2. Proposed utilisation—							
<i>(i)</i> Gross area	.. 50	257†	150	75	32	..	..
<i>(ii)</i> Net area	.. 50	257	150	75	32	..	..

* 1. It does not include the effect of stabilisation on existing irrigation system.

2. Potential created at Head works on completion of barrage includes the area proposed under High Level canal system also which have not yet been finally approved.

3. Potential created to Sone Remodelling works is 3.07 lakh acres.

†4. Includes 1,00,000 acres of unutilized area from Second Plan.

13. Employment (Unit: Man-years)—

Category.	1960-61.	1961-62.	1962-63.	1963-64.	1964-65.	1965-66.
1	2	3	4	5	6	7
<i>(a)</i> Construction Phase—						
<i>(i)</i> Administrative ..	}	..	101	118	147	166
<i>(ii)</i> Clerical ..						
<i>(iii)</i> Departmental ..						
Technical and Supervisory	..	119	138	160	179	179
Skilled including semi-skilled.
Unskilled	..	184	220	260	296	296
<i>(iv)</i> Estimated non-departmental—						
Technical and supervisory	}	..	51	67	83	99
Skilled including semi-skilled.						
Unskilled ..						
Unskilled	5,000	10,000	15,000	20,000	20,000
<i>(b)</i> Continuing Phase—						
Estimated departmental employment as in <i>(i)</i> , <i>(ii)</i> and <i>(iii)</i> above.

XIV. IRRIGATION AND FLOOD CONTROL.

(GANDAK PROJECT.)

1. Description The districts of Saran, Champaran, Muzaffarpur and Darbhanga have suffered in the past from severe famines on account of uneven distribution or failure of timely rainfall. In fact the distribution of rainfall in this tract is so uneven that there can be no guarantee of a good harvest from rainfall and hence the only means of insurance against the vagaries of rainfall is to have well designed canal system to serve the area.

Therefore the fundamental need of the Gandak Valley is provision of an irrigation system which incidentally will generate some power for catering to the needs of the people living in the valley and adjacent area.

Hence in order to develop the valley the following works have been proposed :—

- (a) A barrage combined with a road bridge in the river Gandak and Bhaisalotan.
- (b) Canal system on both banks of the river.

The completion of the above works will lead to considerable increase in the production of foodgrains. Generation of Hydro-electric power will also tend to the industrialisation of the area, which is the need of the hour at present.

2. Whether new or carried over from Second Plan. Carried over from Second Plan.
3. Location The Gandak Barrage will be located at Bhaisalotan about 1,500 ft. below the existing Tribeni Canal Head Regulator. The canal on the right bank will pass through North Bihar and the canal on the left bank will pass through Champaran, Muzaffarpur and Darbhanga districts of North Bihar.
4. Scope and Main Components .. The main component items of the Project area :—
- (a) The Barrage combined with road bridge across river Gandak at Bhaisalotan.
 - (b) Canal on both banks.

The project is intended to provide irrigation facilities to a gross command of 31.62 lakh acres in Bihar, 8.31 lakh acres in U. P. and 1.44 lakh acres in Nepal. With the provision of irrigation facility in this valley it is expected there will be additional yield of crops worth about Rs. 2,103.21 lakhs in Bihar alone.

XIV. IRRIGATION AND FLOOD CONTROL—*contd.*

5. Progress up to the end of the Second Plan (for continuing schemes). Preliminary works regarding barrage and canal systems, for which Rs. one crore had been allotted in the year 1960-61 are in progress.
6. Particulars of investigation and preparation of Project report and explanation of basis of estimates. The project report and estimates have been prepared on the basis of detailed investigation. The entire Gandak command has already been contour-surveyed by the survey of India and further investigation has to be done. The scheme has been scrutinised by C. W. and P. C. and submitted to the Ministry of Irrigation and Power.
7. Economic implications and justification (for new scheme). Does not arise as this is a continuing scheme.
8. Proposed dates for commencement and completion and phasing of construction programme.

- (i) Commencing date—1960—62.
(ii) Completion date will spill-over to subsequent plan.

(iii) Phasing of construction programme :—

	Per cent.
1961-62	3.75
1962-63	13.75
1963-64	25
1964-65	37.5
1965-66	50

9. Cost estimate and expenditure—

	(RUPEES IN LAKHS.)	
	Total	Foreign exchange.
(1) Total estimated cost.	40,47.00	1,27.6
(2) Expenditure up to 1960-61.	1,35.00	20.5
(3) Expenditure proposed, 1961—66.	20,00.00	1,21.0

10. Phasing of expenditure—

	(RUPEES IN LAKHS.)	
	Total.	Foreign exchange.
(4) 1961-62	1,50.00	} 121.0
(5) 1962-63	4,00.00	
(6) 1963-64	4,50.00	
(7) 1964-65	5,00.00	
(8) 1965-66	5,00.00	

11. Break up of expenditure—
(1961—66.)

	(RUPEES IN LAKHS.)						
	1961-62.	1962-63.	1963-64.	1964-65.	1965-66.	Total.	
Wages and salaries	16.00	17.00	23.00	32.00	32.00	120.00	
Equipment and machinery	10.00	75.00	25.00	15.00	15.00	140.00	
Materials	55.00	75.00	1,50.00	1,50.00	1,50.00	5,80.00	
Buildings	23.00	65.00	30.00	25.00	25.00	1,77.00	
Land and development of land.	28.00	45.00	75.00	75.00	50.00	2,68.00	
Others	14.00	1,23.00	1,47.00	2,03.00	2,28.00	7,15.00	
TOTAL	1,50.00	4,00.00	4,50.00	5,00.00	5,00.00	20,00.00	

12. Programme of output/benefit—

Item.	Unit.	Up to end of Second Plan.	Total for Third Plan.	Phasing for Third Plan.				
				1961- 62.	1962- 63.	1963- 64.	1964- 65.	1965- 66.
1. Potential created at—								
(a) Head Works—								
(i) Gross area	'000 acres.	Nil	2550.00	..	..	..	..	2550.00
(ii) Net area (Irrigable).	'000 acres.	Nil	2218.00	..	..	..	..	2218.00
(b) Outlets—								
(i) Gross area	'000 acres.	Nil	450.00	..	..	..	..	450.00
(ii) Net area	'000 acres.	Nil	390.00	..	..	..	..	390.00
2. Proposed Utilisation—								
(i) Gross area	'000 acres.	Nil	200.00	..	..	..	..	200.00
(ii) Net area	'000 acres.	Nil	185.00	..	..	..	..	185.00
(a) Installed Generating capacity Kwts.		Nil	15,000	—	—	15,000	—	
(b) Length of transmission			..	To be forwarded from power sector (Bihar Electricity Board).				
(c) Villages and towns to be electrified.			..	Details to be worked out by the Nepal Govern- ment.				

13. Employment (Unit : Man-years)—

Category.	1960- 61.	1961- 62.	1962- 63.	1963- 64.	1964- 65.	1965- 66.
<i>(a)</i> Construction phase—						
<i>(i)</i> Administrative }	275	304	333	383	383
<i>(ii)</i> Clerical .. }	..					
<i>(iii)</i> Departmental, Technical and Supervisory.	..	141	156	180	208	208
Skilled, including Semi-skilled	..	466	572	690	883	883
Unskilled	311	352	393	434	434
<i>(iv)</i> Estimated non-departmental Technical and Supervisory.
Skilled, including Semi-skilled	..	65	100	120	120	120
Unskilled	5,000	10,000	15,000	20,000	20,000
<i>(b)</i> Continuing Phase—						
Estimated Departmental employment as in <i>(i)</i> , <i>(ii)</i> and <i>(iii)</i> above.						

I. POWER.

(STEAM POWER STATION IN NORTH BIHAR.)

1. Description .. . Steam station in North Bihar is a Scheme of the Second Five-Year Plan for establishing 30 MW Steam Power Station near Barauni in North Bihar. There will be two generating units each of 15 MW capacity.
- Power development in North Bihar is in initial stage. Power demand of this area has so far been met by a number of small diesel power station. As the cost of electrical energy from these small power station is high, industries have not developed in this part of the State.
- The Barauni Steam Power Station is intended to supply cheap power to North Bihar. After this power station is completed, the small diesel power stations will be dismantled.
2. Whether new or carried over from Second Plan. It is a Scheme of Second Plan but the work will continue in the Third Plan also.
3. Location The power station is situated near the villages Malhipur and Bishunpur in the district of Monghyr in North Bihar. The site is by the side of National Highway from South Bihar to North Bihar and is approximately one mile from the bridge on the river Ganges near Mokamah.
4. Scope and main components .. It is envisaged to install two generating units of 15 MW each. The boilers will be coal fired type but these can be converted to oil firing later when oil from the refinery being installed at Barauni is available. Coal required for this power station will be supplied from the Raniganj coal fields. Boilers have been designed to burn Grade II coal for normal operation, but Grade III coal can also be burnt. The transport of coal will be by rail for which a Railway Siding to the power station site has been constructed.
- The Steam conditions at the turbine stop value will be 800 Lbs./sq. inch and 900 F. For cooling of steam, induced draught cooling towers will be provided and make up water will be obtained from deep tube-well at the site.
- The generated voltage will be 11 KV which will be stepped up to 33KV and a 33KV sub-station will be erected by the side of the power station and 33 KV feeders will be taken out for transmission and distribution of power. Two 33KV cables will be laid over the river Ganges to connect this power station with the South Bihar grid also.

I. POWER—*contd.*

5. Progress up to the end of Second Plan All residential buildings at the site will be completed. Almost all the piles for the foundations of the power house building and plant will also be completed and superstructure of the power house will be under progress. Construction of the Railway siding from the Simaria Railway Station to the site will be nearing completion. Approach roads in the power station area will be under construction.

The plant and equipment for the power station will be under the advanced stage of manufacture in Yugoslavia and West Germany. The shipment of equipments is likely to commence in March, 1961.

6. Particulars of investigation and preparation of project report and explanation of basis of estimate. Investigation about this scheme has already been completed. It is a sanctioned scheme under the Second Five-Year Plan.
7. Economic implications and justifications. The total cost of the scheme in Rs. 309 lacs. This Project is to be financed under the Development Loan Fund. A sum of 3.8 million dollars have been provided by the D.L.F. for the cost of plant and equipment.
8. Proposed date for commencement and completion and statement of construction programme to be carried out during each year of the plan. Orders for the plant and equipment were placed in July, 1959. The work at site commenced in January, 1960. The first machine is expected to be commissioned in early 1962 and the second one is expected to follow after 5 months.

9. Cost estimates and expenditure—

(RUPEES IN LAKHS.)

		Total	Foreign exchange.
Total estimated cost	..	3,09.00	1,80.00
Outlay up to 1960-61	..	1,24.00	48.00
Outlay proposed during 1961—66.	..	1,85.00	1,32.00

(RUPEES IN LAKHS.)

10. Phasing of expenditure—

		Total	Foreign exchange.
1961-62	..	1,00.00	81.00
1962-63	..	71.00	43.00
1963-64	..	14.00	8.00
1964-65	..	..	..
1965-66	..	..	..

(Phasing of outlay under item 10 should correspond to the phasing of work under item "8".)

I. POWER—*concl'd.*11. Break-up of expenditure—
(1961—66.)

(RUPEES IN LAKHS.)

	1961-62.	1962-63.	1963-64.	1961—66
Wages and salaries	10.00	3.00	2.00	15.00
Equipments and Machinery	65.00	59.00	8.00	132.00
Materials .. ..	..	..	..	..
Buildings	20.00	6.00	2.00	28.00
Lands and development of land .. ..	..	..	..	..
Others	5.00	3.00	2.00	10.00

12. Programme of output/benefits—

Items	Units.	Up to end of Second Plan.	Total for Third Plan.	Phasing for Third Plan.				
				1961-62.	1962-63.	1963-64.	1964-65.	1965-66.
1	2	3	4	5	6	7	8	9
I. Installed MW capacity	Nil	30	..	30	..	..	..	..

13. Employment (Unit : Man-years)—

Category.	1960-61. 1961-62, 1962-63. 1963-64. 1964-65. 1965-66.						
	1	2	3	4	5	6	7
A. Construction Phase—							
(i) Administrative	2	2	2	1	..	..
(ii) Clerical	30	40	20	10	..	..
(iii) Estimated Departmental							
Technical and Supervisory	50	40	24	8	..	..
Skilled including Semi-skilled	75	90	70	15	..	..
Unskilled	200	250	190	40	..	..
(iv) Estimated non-Departmental—							
Technical and Supervisory	10	15	8	..	..	..
Skilled including Semi-skilled	50	150	150	..	..	..
Unskilled	190	454	450	..	..	..
B. Continuing Phase—							
(i) Administrative	2	3	4
(ii) Clerical	40	60	70
(iii) Departmental Technical and Supervisory.							
Skilled including Semi-skilled	90	90	90
Unskilled	200	200	200

II. POWER.

(MAITHON-SULTANGANJ 132 K. V. S. C. TRANSMISSION SYSTEM LINES.)

1. Description Maithon-Sultanganj 132 K.V.S.C. Transmission System lines are in Santhal Parganas and Bhagalpur. For this agriculturally rich and industrially developed area power from D.V.C. grid will be availed. The line is from Maithon Hydel Power Station to Sultanganj via Deoghar. This scheme is under code no. 1530.

2. Whether new or carried over from Second Plan. Carried over scheme.

3. Location Bhagalpur Division in South Bihar.

4. Scope and main components .. (1) 33 K.V. transmission line with 7/186 A. C. S. R. conductor equivalent to 0.1. sq. inch square in copper.

Miles.

(a) Sultanganj to Jamalpur	S.C.	16.5
(b) Sultanganj to Bhagalpur	D.C.	30
	(2×15)	
(c) Bhagalpur to Sahebganj	S.C.	50
(d) Sahebganj to Rajmahal	S.C.	25
(e) Deoghar to Godda	S.C.	50
(f) Godda to Pakur	S.C.	45

TOTAL .. 216.5

33/11 K.V. Sub-stations:

(a) Jamalpur	6,000 K.V.A. with 2-33/11 K.V. transformers for railway load at 33 K.V.
(b) Bhagalpur	2×3,000 K.V.A. 33/11 K.V.
(c) Sahebganj	2×1,000 K.V.A. 33/11 K.V.
(d) Rajmahal	2×500 K.V.A. 33/11 K.V.
(e) Godda	2×500 K.V.A. 33/11 K.V.
(f) Pakur	2×1,000 K.V.A. 33/11 K.V.
(g) Lakhisarai	3×500 K.V.A. 33/11 K.V.
(h) Banka	2×500 K.V.A. 33/11 K.V.

(2) 132 K. V. S. C. Transmission line—

Miles.

(a) From Maithon to Deoghar	57.25
(b) From Deoghar to Sultanganj	62.75

TOTAL .. 120.00

(3) 132/33 K.V. Sub-stations—

(a) At Deoghar	2×7.5 M.V.A.
(b) At Sultanganj	7×7.5 M.V.A.
(c) Take off arrangement at Maithon.	1 number,

II. POWER—*contd.*

5. Progress up to the end of the Second Plan (for continuing schemes) (a) 71.30 miles of 33 K.V. line completed till December, 1960.
(b) Survey work had been completed for both sections. In the section Deoghar-Maithon 333 nos. towers are provided, stub setting of 190 is completed and work is in progress in 132 K.V. line.
6. Particulars of investigation and preparation of project report and explanation of basis of estimates. Sanctioned scheme of Second Plan. Scheme no. 1530.
7. Economic implication .. Not applicable.
8. Proposed dates for commencement and completion and statement of construction programme to be carried out during each year of the plan. 1961-62—
(1) Remaining work of super structure and stringing at Maithon-Sultanganj line.
(2) Sub-station Erection at Sultanganj.
9. Cost estimates and expenditure—

(RUPEES IN LAKHS.)
Foreign
Total. exchange.

(1) Total estimated cost	196.67	46.00
(2) Outlay up to 1960-61	154.11	..
(3) Outlay proposed during 1961-66.	42.56	21.70
(4) Balance of outlay	..	..

(RUPEES IN LAKHS.)

10. Phasing of expenditure—

Foreign
Total. exchange.

1961-62	28.00	20.80
1962-63	14.56	0.90
1963-64 .. ..	..	..
1964-65 .. ..	..	..
1965-66 .. ..	..	..

(Phasing of outlay under item 10 should be corresponding to the phasing of works under item '8'.)

11. Break-up expenditure 1961-66—

(RUPEES IN LAKHS.)

	1961-62.	1962-63.	1961-66.
Wages and Salaries ..	4.28	1.50	5.78
Equipment and Machinery.	13.72	7.98	21.70
Materials ..	4.00	3.52	7.52
Buildings ..	1.00	..	1.00
Lands and development of land and others.	5.00	1.56	6.56
TOTAL ..	28.00	14.56	42.56

II. POWER—*concl'd.*

12. Programme of output/benefits—

Item.	Unit.	Up to end of Second Plan.	Total for Third Plan.	Phasing for Third Plan.				
				1961-62.	1962-63.	1963-64.	1964-65.	1965-66.
1	2	3	4	5	6	7	8	9
(a) 132 K.V. Transmis- sion lines.	Mile	Nil	120	120	..	..	..	..
(b) 132/33KV sub-station	MVA	Nil	37.5	15	22.5	..	..	..

13. Employment (Unit : Man-years)—

Category.	1960-61.	1961-62.	1962-63.	1963-64.	1964-65.	1965-66.		
1	2	3	4	5	6	7		
<i>(a) Construction Phase—</i>								
<i>(i) Administrative</i>	2	2	1	..	..	..
<i>(ii) Clerical</i>	25	35	10	..	..	..
<i>(iii) Departmental—</i>								
Technical and Supervisory	15	10	4	..	..	..
Skilled including semi-skilled	100	100	40	..	..	..
Unskilled	400	400	160	..	..	..
<i>(iv) Estimate non-departmental</i>	10	5	2	..	..	..
Skilled including semi-skilled	200	200	80	..	..	..
Unskilled	1,000	1,000	400	..	..	..
<i>(b) Continuing phase—</i>								
<i>(i) Administrative</i>	2	3	3	3	3
<i>(ii) Clerical</i>	10	35	35	35	35
<i>(iii) Estimated departmental—</i>								
Technical and supervisory	15	15	15	15	15
Skilled including semi-skilled	50	50	50	50	50
Unskilled	100	100	100	100	100

III—POWER

(PATRATU STEAM POWER-STATION.)

(2×50 Megawatt.)

1. Description The Heavy Engineering Corporation is establishing the Foundry Forge and Heavy Machine Building Plant at Hatia near Ranchi. It was decided that the power demands of industries at Hatia should be met by installing a power-station of 100.0 Megawatt capacity. The equipment for the power-station consisting of two units of 50.0 Megawatt each is being obtained from U.S.S.R. under the Indo-Soviet Trade Agreement.
2. Whether new or carried over from the Second Plan. This scheme was initiated in the Second Five-Year Plan and the Government of India communicated the Bihar State Electricity Board for the installation of these units in the year 1959. The Planning Commission sanctioned an expenditure of Rs. 100.00 lakhs during 1960-61. Preliminary works including investigation and selection of sites for the power-station and dam have already been completed and the project will be executed during the Third Five-Year Plan.
3. Location Patratu Steam Power-Station is located near Patratu Railway Station in the district of Hazaribagh at a distance of about 23 miles by road from Ramgarh.
4. Scope and main components .. It is proposed to instal two units of 50 Megawatt as the first stage of installation at Patratu mainly for power supply to Heavy Engineering Corporation. The Planning Commission have agreed for the augmentation of this power-station in the Third Five-Year Plan by 250 Megawatt as a part of the new schemes.
5. Progress up to the end of Second Plan Investigation work have been nearly completed, selection of sites for the power-station, the dam on Nalkari river for supply of cooling water to the power-station and the permanent colony has already been finalised. Construction of temporary quarters required for construction staff is well under way and the award of the contract for the construction of Nalkari dam is expected to be finalised shortly.
6. Particulars of investigation, preparation of project report and explanation of basis of estimates. Investigation works have been completed. Project report and estimate for the initial 100 Megawatt installation is being prepared by the Central Water and Power Commission as they are doing the Engineering for this station for the State Electricity Board.

III POWER—*contd.*

7. Economic implications On completion this project will be remunerative and the financial return from this scheme will improve with the augmentation of capacity which has already been proposed and admitted by the Planning Commission.

[Rs. in lakhs.]

Total.	Anticipated Expenditure in Second Plan.	Expenditure in Third Plan.	Spill-over to the Fourth Plan.
2 sets of 50 M.W. 1,282.00	75.00	1,207.00	Nil
8. Progress dates of commencement, completion and phasing of construction programme.	Preliminary work on 2 sets of 50 M.W. was started in 1960-61 itself and the target date for commissioning of the sets expected to be as follows:—		
	Initial 100 M.W. installation:		
	(i) 1st set of 50 M.W. Early 1964		
	(ii) 2nd set of 50 M.W. Middle of 1964		
9. Cost of estimate and expenditure ..	(i) Total estimated cost	Total foreign exchange.	
	1,282.00	700.00	
10. Phasing of expenditure—	(1) 1961-62	..	100.00
	(2) 1962-63	..	315.00
	(3) 1963-64	..	450.00
	(4) 1964-65	..	292.00
	(5) 1965-66	..	50.00
11. Break-up of Expenditure—	(1) Wages and salaries (including erection).		126.00
	(2) Equipment and machinery		553.00
	(3) Materials .. ..	..	48.00
	(4) Buildings .. ..	..	157.00
	(5) Land and Development of Land.		15.00
	(6) Others (including Nalkari Dam).		383.00
	TOTAL .. ..	..	1,282.00

III POWER—*concl.*

12. Programme of output/benefits—

Initial 100 M.W. installation.

Item.	Unit.	Up to end of Second Plan.	Total for Third Plan.	Phasing for Third Plan.				
				1961-62.	1962-63.	1963-64.	1964-65.	1965-66.
1	2	3	4	5	6	7	8	9
(a) Installed Capacity.	M.W.	Nil	100.0	..	..	50	50	..
(b) Units generated	3 K.W. × 10 ³	Nil	5,47,500.00	..	..	21,900.00	2,82,800.00	2,82,800.00

13. Employment (Unit: man-years)—

Category.	1960-61.	1961-62.	1962-63.	1963-64.	1964-65.	1965-66.		
1	2	3	4	5	6	7		
A. Construction phase—								
(i) Administrative	1	3	3	3	6	..
(ii) Clerical	20	30	40	40	60	..
(iii) Departmental—								
Technical and supervisory	30	41	102	158	86	..
Skilled including semi-skilled	110	120	140	145	150	..
Unskilled	200	300	400	460	450	..
(iv) Estimated non-departmental—								
Technical and Supervisory	12	30	31	25	..
Skilled including semi-skilled.	200	250	250	200	..
Unskilled	1,000	1,200	1,200	1,000	..
B. Continuing Phase—								
(i) Administrative	2	5
(ii) Clerical	20	40	80
(iii) Departmental—								
Technical and supervisory	40	50	100	..
Skilled and semi-skilled	80	100	200	..
Unskilled	80	100	150	..

IV—POWER.

(RAILWAY TRACK ELECTRIFICATION.)

1. Description 132 K. V. transmission lin for Railway track electrification will be constructed from Chandil to Rourkela *via* Goilkera and Rajkharswan, from Rajkharswan to Joda *via* Kendposi, from Sonenagar to Pipri and from Mosabani to Dalbhumgarh. Power is to be supplied to Railways at 25 KV at Rajkharswan, Goilkera, Kendposi, Dalbhumgarh and Karamnasa at which places 132/25 V sub-stations are to be also erected.
2. Whether new or carried over from This is a carried over scheme.
Second Plan.
3. Location 132/25 K. V. sub-station will be erected at Rajkharswan, Goilkera, Kendposi, Dalbhumgarh and Karamnasa.
4. Scope and main components items .. The details of works are as given below :—

(i) Transmission Line—		<u>Miles.</u>
(a) 132 K.V. D.C. Transmission line from Rihand to Sonenagar including the portion lying in U. P. territory.		110
(b) 132 K.V. D.C. Transmission line from Mosabani to Dalbhumgarh.		7
Total (a+b) ..		<hr/> 117 <hr/>
(c) 132 K.V. D.C. Transmission line from Rourkela to Chandil excluding 19 miles of line in Orissa territory.		91
(d) 132 K.V. D.C. Transmission line from Rajkharswan to Joda excluding 11 miles of line in Orissa territory.		59
(Works in Orissa territory to be done by the Bihar State Electricity Board but owned by Orissa.)		
(e) 132 K.V. S.C. line from Rourkela to Chandil lying in Orissa territory.		19
(f) 132 K.V. S.C. line from Joda to Rajkharswan lying on Orissa territory.		11
Total (c+d+e+f)		<hr/> 180 <hr/>

(ii) 132 KV/25 K.V. Sub-station.

Karamnasa ..	2 × 12.5 M.V.A.
Goilkera ..	2 × 10 M.V.A.
Rajkharswan ..	2 × 10 M.V.A.
Kendposi ..	2 × 10 M.V.A.
Dalbhumgarh ..	2 × 10 M.V.A.

IV—POWER—*contd.*

5. Progress up to the end of the Second Plan (for continuing scheme). Erection of 50 miles of transmission line expected to be completed.
6. Particulars of investigation and preparation of Project Report and explanation of basis of estimates. Already commenced during Second Plan and expected to be completed by 1961-62.
7. Economic implications Fast movement of goods trains carrying the raw materials to the steel plants thereby increasing the production of steel.
8. Proposed dates for commencement and statement of construction programme to be carried out during each year of the Plan. The scheme commences in the Second Five-Year Plan. Details of construction programme are given in item (12).

9. Cost estimates and expenditure

(RUPEES IN LAKHS.)

	Total.	Foreign exchange.
	*	
Total estimated cost ..	4,00.00	70.00
Outlay up to 1960-61 ..	2,69.64	..
Outlay proposed during 1961—66.	1,00.00	60.00

* Proposed to be revised to 309.64

10. Phasing of expenditure—

(RUPEES IN LAKHS.)

	Total.	Foreign exchange.
1961-62 ..	1,00.00	60.00
1962-63 ..		
1963-64 ..		
1964-65 ..		
1965-66 ..		

(Phasing of outlay under item 10 should correspond to the phasing of works under item 8.)

11. Break-up of expenditure—

(RUPEES IN LAKHS.)

	1961—66.
Wages and salaries ..	2.83
Equipment and machinery	42.21
Materials ..	41.18
Building	10.00
Land and development of lands.	4.28
Total	1,00.00

IV—POWER—*concl'd.*

12. Programme of output/benefits—

Item.	Unit.	Up to end of Second Plan.	Total for Third Plan.	Phasing for Third Plan.				
				1961-62.	1962-63.	1963-64.	1964-65.	1965-66.
1	2	3	4	5	6	7	8	9
(a) 132 KV transmission lines.	Miles	50	247	247	..	..	..	..
(b) 132/25 KV sub-station	KVA	..	105	105	..	..	..	..

13. Employment (Unit—man-years)—

Category.	1960-61.	1961-62.	1962-63.	1963-64.	1964-65.	1965-66.		
1	2	3	4	5	6	7		
<i>(a) CONSTRUCTION PHASE—</i>								
1. Administrative	2	2	..	..	..	..
2. Clerical	50	50	..	..	..	..
3. Departmental—								
Technical and supervisory	40	40	..	..	..	..
Skilled including semi-skilled	250	250	..	..	..	..
Unskilled	250	250	..	..	..	..
4. Estimated and non-departmental—								
Technical and supervisory	20	13	..	..	..	..
Skilled including semi-skilled	300	300	..	..	..	..
Unskilled	1,200	1,200	..	..	..	..
<i>(b) CONTINUING PHASE.</i>								
<i>Estimated departmental employment.</i>								
Administrative	2	3	3	3	3
Clerical	20	60	60	60	60
Technical	40	40	40	40	40
Skilled	150	200	200	200	200
Unskilled	300	250	250	250	250

V—POWER.

Barauni Steam Power Station.

$$\left. \begin{array}{l} 1 \times 15 \\ 2 \times 30 \end{array} \right\} \text{M.W.}$$

} Augmentation of generating capacity.

1. Description The Steam Power Station at Barauni is meant for meeting the power needs of North Bihar where development is in initial stage.

Two units of 15 M.W. each were sanctioned for installation in the Second Five-Year Plan. The project was delayed by about two years for want of foreign exchange. It is now expected that the first unit would be commissioned in early 1962 and the next one 5 months after.

The Planning Commission have also approved installation of a third unit of 15 M.W. in this power station during the Third Plan to meet the requirements of power of oil refinery at Barauni.

The demand in North Bihar would be approximately 118 M.W. by the end of Third Five-Year Plan. Power from Gandak Hydel Station and Kosi Hydel Station sanctioned for execution in the Third Plan may not be available for utilisation in the Third Five-Year Plan. The only source for availability of power for North Bihar is the Thermal Power Station at Barauni. It was, therefore, proposed to augment the capacity of the power station by another 2 units of 59 M.W. each. But the working group and subsequently the Planning Commission approved the installation of third unit of 15 M.W. and 2 more units of 30 M.W. each. The installed capacity of the power station should thus be 105 M.W. and the firm capacity 75 M.W.

The power station will supply power all over North Bihar. 132 KV line would be erected from Barauni to Katihar in the east and from Barauni to Muzaffarpur in the west for distribution of power in the area.

Provision has been made in the Third Plan for installation of 132/33 K.V. sub-stations of capacity 20 M.V.A. at Muzaffarpur, 20 M.V.A. at Samastipur, 20 M.V.A. at Katihar and 10 M.V.A. at Sugauli.

2. Whether new or carried over from the Second Plan. This is entirely new scheme but a sum of Rs. 25.00 lakhs is expected to be spent in 1960-61 against the Third unit of 15 M.W.

3. Location The power station is situated near the villages Malhipur and Bishunpur in the district of Monghyr in North Bihar. The site is by the side of National Highway from South Bihar to North Bihar and is approximately one mile from the bridge on the river Ganges near Mokameh.

V—POWER—contd.

4. Scope and main component items .. It is proposed to install one unit of 15 M.W. (in addition to two units of 15.0 M.W. already sanctioned as a scheme of Second Plan) and two units of 30 M.W. each during Third Five-Year Plan. On addition of these sets, the installed capacity of power station will be 105.0 M.W. and the firm capacity 75 M.W. Crude oil from the oil refinery being installed at Barauni is proposed to be used as fuel of the proposed sets.
5. Programme up to the end of Second Plan. It is a new scheme. But orders for the third 15 M.W. unit have been placed before the end of the Second Plan. A portion of civil works for the third 15 M.W. unit will also be done by March, 1961.
6. Particulars of investigation and preparation of project report and explanation of the basis of estimates. The project report for third set of 15 M.W. has already been forwarded to and the scheme cleared by the Central Water and Power Commission and the Planning Commission. The project report for 2 sets of 30 M.W. each is under preparation.

7. Economic implication and justification The total capital outlay of the scheme is as follows :—

		(RUPEES IN LAKHS.)
(1)	Third unit of 15 M.W. ..	1,48.50
(2)	2×30 M.W. ..	5,51.50
	Total ..	7,00.00
	Expenditure during Second Plan	25.0
	Total—Provision in Third Plan	6,75.00

The project will give reasonable returns after completion.

8. Proposed dates for commencement and completion and phasing of construction programme. The work on third set will be taken up in 1960-61 as soon as clearance is received from the Ministry of Finance, Government of India.

The target dates for commissioning of the sets are expected as follows :—

- (1) Third unit of 15 M.W. set. April, 1963.
- (2) First unit of 30 M.W. set. End of 1964 or early 1965.
- (3) Second unit of 30 M.W. set. Four to five months after.

9. Cost estimate and expenditure ..

		(RUPEES IN LAKHS.)	
		Total.	Foreign exchange.
(1)	Total estimated cost—		
	(a) Third unit of 15 M.W. set.	1,48.50	90.00
	(b) 2×30 M.W. sets	5,51.50	3,35.00
(2)	Expenditure up to 1960-61.	25.00	25.00
(3)	Expenditure proposed, 1961—66.	6,75.00	4,00.00

V—POWER—*contd.*

10. Phasing of expenditure—

(RUPEES IN LAKHS.)
Total. Foreign
exchange.

1961-62	..	40.00	22.00
1962-63	..	1,30.00	80.00
1963-64	..	1,50.00	1,00.00
1964-65	..	2,45.00	1,34.00
1965-66	..	1,10.00	64.00

11. Break-up of expenditure—

	Total.	1961--66.
(i) Wages and salaries (including erection).	96.00	96.00
(ii) Equipment and machinery.	4,60.00	4,35.00
(iii) Materials (including Civil Works of the power house).	1,00.00	1,00.00
(iv) Building (Residential).	32.00	32.00
(v) Land and development of land.	4.00	4.00
(vi) Others	8.00	8.00
TOTAL	7,00.00	6,75.00

12. Programme of output/benefits—

Item.	Unit.	Up to end of Second Plan.	Total for Third Plan.	Phasing for the Third Plan.				
				1961-62.	1962-63.	1963-64.	1964-65.	1965-66.
1	2	3	4	5	6	7	8	9
1. Installed	.. M.W.	Nil	75	..	..	15	30	30
2. Capacity	..	..	..	..	..	..	..	..

13. Employment (Unit : man/years)—

Category.	1960-61.	1961-62.	1962-63.	1963-64.	1964-65.	1965-66.
1	2	3	4	5	6	7
(a) CONSTRUCTION PHASE—						
(i) Administrative	2	2	6	6
(ii) Clerical	30	30	60	60
(iii) Estimated departmental—						
Technical and Supervisory	18	40	40	30
Skilled including semi-skilled	30	50	90	75
Unskilled	60	100	300	250

V—POWER—concl.

Category.	1960-61.	1961-62.	1962-63.	1963-64.	1964-65.	1965-66.
1	2	3	4	5	6	7
(iv) Estimated non-departmental—						
Technical and Supervisory	4	17	25	43	12
Skilled including semi-skilled	40	50	300	370	325
Unskilled	100	150	700	900	700
(v) CONTINUING PHASE—						
(i) Administrative	2	4
(ii) Clerical	20	40
(iii) Estimated departmental—						
Technical and Supervisory	10	40	70
Skilled including semi-skilled	30	120	160
Unskilled	40	150	180

VI—POWER

PATRATU STEAM POWER STATION.

(250 Megawatt additional generating capacity.)

1. Description The Heavy Engineering Corporation is establishing the Foundry Forge and Heavy Machine Building Plant at Hatia near Ranchi. It was decided that the power demands of industries at Hatia should be met by installing a power station of 100.0 Megawatt capacity. The equipment for the power station consisting of two units of 50.0 Megawatt each is being obtained from U.S.S.R. under the Indo-Soviet Trade Agreement.
- The total demand outside the Damodar Valley Corporation by the end of Third Five-Year Plan will be 551 M.W. and the availability of power from Damodar Valley Corporation in the same period would be approximately 188 M.W. Additional generating capacity will, therefore, be necessary for meeting the demand of 363 M.W. and the working group have already approved of augmenting the capacity of Patratu Steam Power Station by 250 M.W. during the Third Five-Year Plan. The total capacity of the power station at Patratu will, therefore, be 350 M.W. out of which 250 M.W. is expected to be installed during the third plan period. Firm saleable capacity available from Patratu Power Station by the end of Third Five-Year Plan will be 180 M.W. There will, therefore, be a deficit of approximately 122 M.W. (with a diversity factor of 1.2) for which additional generating capacity will be needed.
2. Whether new or carried over from the Second Plan. The project for the extension of Patratu Steam Power Station by 250 M.W. is a new scheme and has been approved by the working group. The project will be executed during the Third Five-Year Plan.
3. Location Patratu Steam Power Station is located near Patratu Railway Station in the district of Hazaribagh at a distance of about 23 miles by road from Ramgarh.

VI—POWER—*contd.*

4. Scope and main components .. Either five sets of 50 M. W. or higher capacity sets as may be decided in consultation with Central Water and Power Commission are proposed to be installed for augmenting the capacity of Patratu Power Station by 250 M. W.
5. Progress up to the end of Second This is a new scheme and there has, therefore, been no progress up to the end of Second Five-Year Plan. However, since this is an extension project, no further investigation is necessary because the investigation work in connection with the initial installation of 100 M.W. at Patratu which have already been completed, will serve the purpose.
6. Particulars of investigation and preparation of project report and explanation of basis of estimates. Investigation works have been completed. The detailed cost of estimate for the extension installation of 250 M.W. has been prepared by the Bihar State Electricity Board and sent to the Central Water and Power Commission for approval. The Project Report is being prepared by the Bihar State Electricity Board.
7. Economic implications .. The capital outlay of the Project as approved by the Working Group is as follows:—

(RUPEES IN LAKHS.)

Total	Expenditure in Third Plan.	Spill-over in Fourth Plan.
14,00.00	14,00.00	Nil.
10,00.00	8,00.00	1,00.00
24,00.00	22,00.00	1,00.00

8. Proposed dates of commencement and completion and phasing of construction programme.
- (i) 3rd set of 50 M.W. End of 1964 or early 1965.
- (ii) 4th set of 50 M.W. }
- (iii) 5th set of 50 M.W. }
- (iv) 6th set of 50 M.W. } One unit is expected to be commissioned every four months from 1st set.
- (v) 7th set of 50 M.W. }
9. Cost estimate and expenditure .. 250 M.W. extension.

(RUPEES IN LAKHS.)

(a) Expenditure proposed up to 1960-61.	Nil.
(b) Expenditure proposed during 1961-66.	22,00.00
(c) Spill-over to 4th Plan ..	2,00.00
Total	24,00.00

10. Phasing of expenditure ..
- | | | |
|-------------|----|-----------------|
| (a) 1961-62 | .. | 0.00 |
| (b) 1962-63 | .. | 2,50.00 |
| (c) 1963-64 | .. | 4,00.00 |
| (d) 1964-65 | .. | 8,00.00 |
| (e) 1965-66 | .. | 7,50.00 |
| | | 22,00.00 |

VI—POWER—concl'd.

11. Break-up of expenditure—

(RUPEES IN LAKHS.)

(a) Wages and Salaries (including erection).	2,83.00
(b) Equipment and Machinery	14,50.00
(c) Materials	80.00
(d) Buildings	2,97.00
(e) Land and development of land	20.00
(f) Others	2,70.00
Total	24,00.00

12. Programme of output/benefit—Extension by 250 M. W. installation.

Item . Unit.	Up to end of Second Plan.	Total for Third Plan .	Phasing for Third Plan.				
			1961-62.	1962-63.	1963-64.	1964-65.	1965-66.
(a) Installed capacity M.W.	Nil	150 M.W.	..	..	..	..	150.00
(b) Units generated K.W.×10 ³	Nil	4,60,000.00	..	..	..	..	4,60,000.00

13. Employment (Unit : Man-years) —

Category.	1960-61.	1961-62.	1962-63.	1963-64.	1964-65.	1965-66.
1	2	3	4	5	6	7
(a) CONSTRUCTION PHASE—						
(i) Administrative	2	6	6	6
(ii) Clerical	20	60	60	60
(iii) Departmental—						
Technical and Supervisory.	70	110	200	190
Skilled including semi-skilled.	50	150	150	250
Unskilled	100	300	300	500
(iv) Estimated non-Departmental—						
Technical and Supervisory.	38	64	103	98
Skilled including Semi-skilled.	70	150	200	350
Unskilled	300	700	900	1,500
(b) CONTINUING PHASE—						
(i) Administrative	6
(ii) Clerical	50
(iii) Departmental—						
Technical and Supervisory.	80
Skilled and Semi-skilled.	160
Unskilled	150

VII—POWER.

GANDAK POWER PROJECT.

1. Description There is a proposal to construct a barrage at Bhaissalotan on river Gandak. There are possibilities of four power stations out of which two stations are on the western canal and two on the eastern canal. The proposal is for the construction of power station no. 1 at mile 8 of the Gandak Main Western Canal where a fall of 20 feet is available. The power station site is in Nepal territory. The civil works of the power station are to be done by the Gandak Project Department of the State Government and the Bihar State Electricity Board will be responsible for the erection of equipments in the power station. The total estimated cost of the power station is Rs. 202 lakhs with a foreign exchange content of approximately Rs. 80 lakhs.

The power station shall have an installed capacity of 15,000 K.W. consisting of 3 units of 5,000 K.W. each. The units may be of tubular type or conventional type and will be decided at tender stage depending on the cost of civil works and equipments.

In an agreement between the Government of India and the Nepal Government it has been decided that the Power House will be handed over to the Nepal Government once their offtake from this power house reaches 10,000 K.W. at 60 per cent load factor and power factor not below 0.85. The Bihar State Electricity Board will continue to operate the power station until it is finally handed over to His Majesty's Government of Nepal on the above basis. The power station is proposed to be constructed during the third five-year plan but the benefits are likely to be realised only in the fourth plan. The power station will be connected with Barauni Steam Power Station by 132 K.V. transmission lines.

2. Whether new or carried over from New Project.
Second Plan.
3. Location At mile 8 of Gandak Main Western Canal in Nepal territory.
4. Scope and main component items The scheme is for the installation of three 5,000 K.W. generating units. Coupled to suitable Hydraulic turbines with necessary governors and other power house auxiliaries, it also includes the cost of civil works for the power house building, water intake arrangement and draft tube, etc. Necessary outdoor switch yard with outdoor transformers for transmitting power to Sugauli and Nepal is also included in the scheme.

VII—POWER—*contd.*

5. Progress up to the end of the Second Plan (for continuing schemes). The scheme was not started in the Second Plan.
6. Particulars of investigation and preparation of project report and explanation of basis of estimate. The project report has been submitted to C. W. & P. C.
7. Economic implication and justification and phasing of construction programme. The total cost of the project is Rs. 202.00 lakhs. The power house has to be constructed and handed over to His Majesty's Government of Nepal as a gift in consideration of His Majesty's Government agreeing for the construction of the barrage in their territory. As such the cost of this scheme is a charge on the irrigation portion of the Gandak Project.
8. Proposed dates for commencement and completion and phasing of construction programme. Commencement during 1962-63. Completion in the Fourth Five-Year Plan.
9. Cost estimates and expenditure —

(RUPEES IN LAKHS.)

	Total	Foreign Exchange.
(1) Total estimated cost	202.00	80.00
(2) Expenditure up to 1960-61	Nil	..
(3) Expenditure proposed 1965-66.	131.44	40.00

	Capital Expenditure.	Foreign Exchange.
(4) 1961-62	.. Nil.	} 40.00
(5) 1962-63 ..	.. 5.00
(6) 1963-64 ..	.. 30.00
(7) 1964-65 ..	.. 40.00
(8) 1965-66 ..	.. 56.44

11. Break-up of expenditure —

(RUPEES IN LAKHS.)

	Total	1961-66.
Wages and Salaries ..	21.77	21.21
Equipment and Machinery	81.50	21.50
Materials	16.09	16.09
Buildings for staff colony	4.00	4.00
Power station building ..	63.50	63.50
Land and development ..	0.50	0.50
Others	14.64	4.64
Total ..	202.00	131.44

VII—POWER—*concl'd.*

12. Programme of output/benefits—

Item.	Units.	Upto end of Second Plan.	Total for Third Plan.	1961- 62.	1962- 63.	1963- 64.	1964- 65.	1965- 66.
(a) Installed capacity.	M.W.		Nil					
(b) Units generated.	K. W. × 10 ⁸		Nil					

Benefit will accrue in the Fourth
Five-Year Plan.

13. Employment (Unit : Man-years)—

Category.	1960-61.	1961-62.	1962-63.	1963-64.	1964-65.	1965-66.
1	2	3	4	5	6	7
(a) Construction phase—						
(i) Administrative	1	2	2	
(ii) Clerical	7	15	20	20
(iii) Departmental— Technical and Supervisory.	2	8	9	14
Skilled including Semi-skilled.	20	50	75	120
Unskilled	40	250	300	500
(iv) Estimated non- departmental—						
Technical and Super- visory.	1	5	6	8
Skilled including semi-skilled.	10	100	225	125
Unskilled	20	200	700	400
(b) Continuing Phase—						
(i) Administrative
(ii) Clerical
(iii) Departmental Technical.
(iv) Skilled Unskilled

VIII—POWER.
KOSI HYDEL POWER PROJECT.

1. Description It has been decided to construct a barrage on the River Kosi near Hanuman Nagar in the district of Saharsa mainly for the purpose of flood control. Two canals, one on the Eastern and another on the Western side take off from the barrage. At two miles downstream on the Eastern Kosi canal, the power station is proposed to be located. The discharge on the Eastern Kosi canal will vary from a maximum of 15,000 cusecs during June to October to a minimum of 7,500 cusecs from January to April. At reduced distance of 12,000 feet of the canal a fall of 13 feet is available. By operation of barrage level a head of 20 feet will be available at the power station, for approximately 8 (eight) months in the year and a head of 13 feet for the rest of the year. It is likely that the barrage level will be further raised in a few years and then the head available will be 23 feet at the power station. The power plant will therefore, be designed to work successfully at three heads, viz., 13, 20 and 23 feet. It will be possible to generate a firm power of 10.35 M.W. at a head of 20 feet. The proposed site is approximately at a distance of 15 miles from Bathnaha Railway station on the North-East Frontier Railway in the district of Purnea, Bihar. The power house will be designed for the installation of four units of 5,000 K. W., 0.85 p. f. generators each driven by a suitable vertical shaft or axial flow propeller type hydraulic turbine. The power plant will be interconnected with other power stations in the grid of North Bihar. The provision for intake water will be made in the power house structure. During normal operation the entire water in the canal will pass through the Power house and sluice gates will be provided in the structure for by-passing water whenever necessary. Suitable oil pressure governors located on the turbine gallery floor will control the output and the speed of the units. The civil work and Electrical equipments for the power station are estimated to cost Rs. 2,20.00 lakhs.
2. Whether new or carried over from New Scheme.
Second Plan.
3. Location 12,000 feet from the barrage on the main eastern canal. 2 miles from the Birpur colony of the Kosi Project.
4. Scope The scheme covers the installation of 4 nos. 5,000 K.W. generating units coupled to suitable hydraulic turbines with necessary governors and other power house auxiliaries. It also includes the cost of civil works for the power house building water intake arrangement and draft tube etc. Necessary outdoor switch yard with 2 nos. of outdoor transformers for transmitting power at 33 K. V. to Bathnaha and Nepalare also included in the Scheme.

VIII—POWER—*contd.*

5. Progress upto the end of the Second Plan (for continuing schemes). The scheme was not started in the Second Five-Year Plan.
6. Particulars of investigation and preparation of project report and explanation on basis of estimates. The Project report will be submitted shortly. Detailed soil and water analysis have been already made.
7. Economic implication and justification (for new schemes). The scheme as outlined above will cost Rs. 220.0 lakhs. On the completion of the scheme it will yield a revenue of 9.34 per cent on the invested capital if the cost of energy produced at bus-bar is assumed at the rate of 2.50 nP. per K.W.H.
8. Proposed dates for commencement and completion and phasing of construction programme. Expected date of commencement, 1961-62.
Expected date of completion in the Fourth Plan period.
9. Cost estimates and expenditure—

(RUPEES IN LAKHS.)

	Total.	Foreign Exchange.
1. Total estimated cost	220	90
2. Expenditure up to 1960-61.	Nil	Nil.
3. Expenditure proposed, 1961-66.	100	20
10. Phasing of Expenditure—		
4. 1961-62	5.0	..
5. 1962-63	15.0	..
6. 1963-64	20.0	5.0
7. 1964-65	30.0	7.0
8. 1965-66	30.0	8.0

11. Break-up of expenditure—

(RUPEES IN LAKHS.)

	Total. 1961-66.	
Wages and salaries ..	26.00	15.00
Equipment and machinery ..	90.38	4.00
Materials	27.00	10.00
Buildings for staff colony ..	4.00	4.00
Power Station Building ..	60.00	60.00
Land and Development of Land.	0.75	0.75
Others	11.87	6.25
Total	2,20.00	1,00.00

IX—POWER—EXTRA HIGH TENSION TRANSMISSION IN SOUTH BIHAR.

1. Description Extra High tension transmission in South Bihar. The existing transmission system in South Bihar consists mainly of the 132 K.V. lines of the Damodar Valley Corporation and the lines under construction for the Railway Electrification Scheme. This is however inadequate for the load requirements of the area particularly in Chotanagpur with the construction of the proposed 100 M.W. Steam Station at Patratu. The ultimate capacity of this scheme station will be 350 M.W. and hence suitable transmission lines are being provided under this scheme to transmit this power to the various load centres.
- The system will mainly consist of 220 KV transmission line from Patratu Steam Power Station to Jamshedpur via Hatia, a double circuit 132 KV transmission line from Patratu to Ramgarh for linking Patratu Steam Power Station with D.V.C. grid, a double circuit 132 KV transmission line from Patratu to Hatia for supply of power to the Heavy Engineering Corporation, a double circuit 132 KV or single circuit 220 KV (initially operated at 132KV) transmission line from Patratu Steam Power Station to Barun for inter-connection with 132KV line from Rihand to Barun, and a single circuit 132 KV transmission line from Sultanganj to Mokameh for interconnection with D.V.C. system at Maithon to Barauni Steam Power Station.
- It is also proposed to provide 132KV sub-stations at Hatia, Jamalpur, Kendposi and Mosabani and a 220 KV sub-station near Jamshedpur. There will also be 132 KV switching stations at Ramgarh and Japla.
- An amount of Rs. 459.00 lakhs has been provided in the Third Plan for the transmission schemes in South Bihar.
2. Whether new or carried over .. New Scheme.
3. Location South Bihar and Chotanagpur areas in State of Bihar.
4. Scope and main components items .. (As per attached sheet).
5. Progress up to the end of the Second Plan (for continuing Schemes). Nil.
6. Particulars of investigation and preparation of project Report and explanation on basis of estimates. Detailed investigations are in progress and the projects reports will be submitted shortly.

IX—POWER—EXTRA HIGH TENSION TRANSMISSION IN SOUTH BIHAR— contd.

7. Economic implication The transmission scheme will be necessary for the utilisation of power and serving the various loads. This Scheme is necessary for reaching power to the ultimate industrial and domestic consumers from the generating sources and the increased power distribution will result in the economic development of the whole State.

8. Proposed dates for commencement and completion and statement of construction programme to be carried out during each year of the Plan.

Commencement .. 1961-62.
Completion.. .. 1965-66.

	1961-62.	1962-63.	1963-64.	1964-65.	1965-66.
132 K.V.lines in miles	60	Nil	25	12	28
220 K.V. lines in miles	Nil	Nil	60	45	Nil.

9. Cost Estimates and Expenditure—

[Rs. IN LAKHS.]

Total.	Foreign Exchange.
--------	-------------------

459.00	151.00
--------	--------

10. Phasing of Expenditure—

[RS. IN LAKHS.]

Total.	Foreign Exchange.
--------	-------------------

1961-62	60.00	44.00
1962-63	39.00	7.00
1963-64	180.00	46.00
1964-65	145.00	44.00
1965-66	35.00	10.00

(Phasing of outlay under item 10 should correspond to the phasing of works under item 8.)

11. Break-up of Expenditure—

[RS. IN LAKHS.]

1961—66 Total.	1961— 66.
----------------	-----------

Wages and Salaries ..	28.06	28.06
Equipment and machinery ..	125.77	125.77
Materials	256.25	256.22
Buildings	17.27	17.27
Lands and Development of lands.	10.36	10.36
Others	21.29	21.29

IX—POWER—EXTRA HIGH TENSION TRANSMISSION IN SOUTH BIHAR—concl'd

12. Programme of output/benefits.—

Item.	Unit.	Up to end of Second Plan.	Total for Third Plan.	Phasing for Third Plan.				
				1961- 62.	1962- 63.	1963- 64.	1964- 65.	1965- 66.
1	2	3	4	5	6	7	8	9
1. 132 K.V. lines	Miles	Nil	115	50	Nil	25	12	28
2. 220 K. V. lines	Miles	Nil	105	Nil	Nil	60	45	Nil.
. Sub-stations	M.V.A.	Nil	195	Nil	60	Nil	100	35

13. Employment (Unit—Man years)—

(a) Construction phase—

	1961- 62.	1962- 63.	1963- 64.	1964- 65.	1965- 66.
(i) Administrative	2	2	4	4	Nil.
(ii) Clerical	30	30	50	50	Nil.
(iii) Departmental—					
Technical and Supervisory	25	12	60	42	10
Skilled including semi-skilled	60	60	120	150	80
Unskilled	90	60	270	300	150
(iv) Estimated non-Departmental—					
Technical and Supervisory	8	5	18	13	3
Skilled including semiskilled	60	60	190	115	40
Unskilled	125	115	750	450	150

(b) Continuing phase—

Estimated Departmental Employment as in
(i), (ii) & (iii).

(1) Administrative .. ..	..	..	..	..	1	1	2
(2) Clerical .. ..	..	..	..	..	20	20	40
(3) Technical .. ..	..	..	..	..	15	20	60
(4) Skilled .. ..	..	..	..	..	50	60	180
(5) Unskilled .. ..	..	..	..	..	60	70	200

**X—POWER—EXTRA HIGH TENSION TRANSMISSION—BACKWARD AREAS.
(NORTH BIHAR).**

1. Description E. H. T. Transmission—Backward Areas
(North Bihar).

In North Bihar there is no existing E. H. T. Transmission system at present and all the load is being served by short transmission lines at lower voltages from the pilot diesel generating stations. This has so far served the purpose due to small power transmitted, but when the central steam station at Barauni is commissioned on Extra High Tension system will be necessary to transmit the power to different load centres. This present scheme apart from providing necessary 132 KV transmission lines for transmitting Barauni Power also provides for the transmission of power from Gandak Hydel Power house No. 1, with provision for its interconnection with the Barauni system. Hence an extensive net-work of 132 K.V. transmission line with necessary 132/33 K.V. sub-stations are proposed to be erected.

The following works are proposed under this scheme. Total cost of the works comes to Rs. 561.68 lakhs. Expenditure of approximate Rs. 372.80 lakhs may only be required in the Third Plan.

132 K.V. Transmission lines—

	Miles.
1. 132 K.V. D. C. line. From Barauni to Muzaffarpur.	60
2. 132 S. C. line on D.C. tower. From Barauni to Katihar.	100
3. 132 S. C. line on D.C. towers. From Muzaffarpur to Sugauli.	60
4. 132 K.V.S.C. line on D.C. towers. From Sugauli to Gandak Power House No. 1.	92
5. 132 K.V. S.C. lines From Sugauli to Raxaul.	16
6. 132 K.V. S.C. lines from Bathnaha to Katihar.	65
7. 33 K.V. D.C. lines from Kosi Hydro-electric Powerhouse to Bathnaha and to Nepal border.	25

Sub-stations 132/33 K.V.—

1. Samastipur
2. Muzaffarpur.
3. Katihar.
4. Sugauli.
5. Sub-station 33/132K.V. at Bathnaha.
6. Switching station at Katihar.

2. Whether new or carried over from New Scheme.
Second Plan.
3. Location. .. State of Bihar (North Bihar).
4. Scope and main components/items In attached sheet.

**X. POWER—EXTRA HIGH TENSION TRANSMISSION—BACKWARD AREAS,
NORTH BIHAR—contd.**

5. Progress upto the end of the Second Plan (for continuing schemes) Nil.
6. Particulars of investigation and preparation of project report and explanation on basis of estimates. Detailed investigations are in progress. Project report will be submitted shortly.
7. Economic implication The transmission scheme will be necessary for the utilisation of power and serving the various loads. This scheme is necessary for reaching power to the ultimate industrial and domestic consumers from the generating sources and the increased power distribution will result in the economic development of the whole State.

8. Proposed dates for commencement and completion and statement of construction programme to be carried out during each year of the Plan. 132 K.V. lines, Commencement—1961-62. Completion—1965-66.

(MILES.)				
1961-62.	1962-63.	1963-64.	1964-65.	1965-66.
43	117	110	42	Nil.

9. Cost estimates and expenditure—

[RS. IN LAKHS.]		
	Total.	Foreign Exchange.
Total estimated cost	..	..
Outlay upto 1960-61.	Nil	Nil.
Outlay proposed during 1961—66.	3,72.80	1,29.00
Balance of outlay ..	Nil	Nil.

10. Phasing of Expenditure—

	Total.	Foreign Exchange.
1961-62	40.00
1962-63	1,61.50
1963-64	1,13.00
1964-65	58.30
1965-66	Nil

(Phasing of outlay under item 10 should correspond to the phasing of works under item 8.)

11. Break-up of Expenditure 1961—66—

[RS. IN LAKHS.]		
	Total.	1961—66.
Wages and salaries ..	21.40	21.40
Equipment and machinery	88.60	88.60
Materials ..	2,22.35	2,22.35
Buildings ..	11.85	11.85
Lands and development of land.	8.44	8.44
Others ..	20.16	20.16

X. POWER E.H.T. TRANSMISSION—BACKWARD AREAS, NORTH BIHAR— *concl'd.*

12. Programme of output/benefits.—

Item.	Unit.	Up to end of Second Plan.	Total for Third Plan.	Phasing for Third Plan.					
				1961- 62.	1962- 63.	1963- 64.	1964- 65.	1965- 66.	
1	2	3	4	5	6	7	8	9	
132 KV line	mile	..	Nil	312	43	117	110	42	Nil.
Sub-station	MVA	..	Nil	55	Nil	20	20	15	Nil.

13. Employment (Unit : man-year).—

Category.	North Bihar Grid.						
	1960- 61.	1961- 62.	1962- 63.	1963- 64.	1964- 65.	1965- 66.	
1	2	3	4	5	6	7	
<i>(a) Construction Phase—</i>							
(i) Administrative	2	2	4	3	..
(ii) Clerical	20	40	60	40	..
<i>(iii) Departmental—</i>							
Technical and supervisory	16	55	36	16	..
Skilled including semi-skilled	50	75	100	60	..
Unskilled	100	210	300	250	..
<i>(iv) Estimated non-Departmental—</i>							
Technical and Supervisory	6	16	13	6	..
Skilled including semi-skilled	50	165	110	45	..
Unskilled	175	660	500	200	..
<i>(b) Continuing Phase—</i>							
(1) Administrative	1	1	2
(2) Clerical	20	20	40
(3) Technical	15	20	60
(4) Skilled	50	60	180
(5) Unskilled	60	70	200

XI. POWER—SUB-TRANSMISSION AND DISTRIBUTION SCHEME.

- | | |
|--|--|
| 1. Description | Sub-Transmission and Distribution Scheme. |
| 2. Whether new or carried over from Second Plan. | New. |
| 3. Location | Bihar State. |
| 4. Scope and main component items | The scheme aims at the uplift of those areas to which electricity has not been supplied as yet. Power will be supplied to Agricultural and Industrial Loads. |

The scheme consists of the following components.—

- | | |
|---|--|
| (1) Extension of supply in Shahabad District. | |
| (2) Extension of power supply in Mica Mines areas. | |
| (3) Utilization of power in Gaya District. | |
| (4) Power development in coal mines areas of Dhanbad, Ranchi, Hazaribagh and Palamau districts. | |
| (5) Extension of power supply in Sini, Chakradharpur, Chaibasa and Gua areas. | |
| (6) Power development in rural and urban areas of Bhagalpur, Santhal Pargana, and Monghyr Districts. | |
| (7) Distribution and extension in North Bihar. | |
| (8) Extension of power in Patna District. | |
| 5. Progress upto the end of Second Plan (for continuing schemes). | Not applicable as it is a fresh scheme. |
| 6. Particulars of investigation and preparation of project report and explanation on basis of estimates. | The reports have been received from the Field Superintending Engineers after survey of areas and assessment of load demands. |
| 7. Economic implication | This scheme aims at improvement of the economic standard of the areas to which power will be supplied. |
| 8. Proposed dates for commencement and completion and statement of construction programme to be carried out during each year of the Plan. | 1961-62 to 1962-63. |

9. Cost estimate and expenditure.—

[RS. IN LAKH.]

	Total.	Foreign exchange.
Total estimated cost	169.00	20.00
Outlay upto 1960-61	Nil	Nil.
Outlay proposed during 1961—66.	169.00	20.00
Balance of outlay .. .. .	..	..

10. Phasing of expenditure.—

	Total.	Foreign exchange.
1961-62	150.00	18.00
1962-63	19.00	2.00
1963-64 .. .. .	..	..
1964-65 .. .. .	..	..
1965-66 .. .. .	..	..

(Phasing of outlay under item 10 should correspond to the phasing of works under item 8).

XI. POWER—SUB-TRANSMISSION AND DISTRIBUTION SCHEME—*contd.*

11. Break-up of expenditure 1961-62.—

[Rs. IN LAKH.]

	Total, 1961- 62.	1962- 63.	1961 —66.
Wages and salaries	9.9	..	.. 9.9
Equipment and machinery.	18.1	..	.. 18.1
Materials	.. 111.4	..	.. 111.4
Buildings	.. } 11.0	..	.. 11.0
Lands and Development of lands.	.. }	..	..
Others	.. 18.6	..	.. 18.6

12. Programme of output/benefits—

Item	Unit.	Up to end of Second Plan.	Total for Third Plan.	Phasing for Third Plan.				
				1961-62.	1962-63.	1963-64.	1964-65.	1965-66.
1	2	3	4	5	6	7	8	9
33 KV line	Mile	219 + (89 by part)	189 + (89 by part)	30 + (35 by conversion).	..	..	..	..
		+ (35 by conversion from 11 KV to 33 KV.).						
11 KV line.	Mile	.. 293	243	50	..	..	..	..

XI. POWER—SUB-TRANSMISSION AND DISTRIBUTION SCHEME—*conold.*

13. Employment (Unit : Man-year)—

Category.	1960- 61.	1961- 62.	1962- 63.	1963 64.	1964- 65.	1965- 66.
1	2	3	4	5	6	7
<i>(a) Construction Phase—</i>						
(i) Administrative	1	1	..	..
(ii) Clerical	20	20	..	..
<i>(iii) Departmental—</i>						
Technical and supervisory	82	9	..	..	..
Skilled including semi-skilled..	..	600	240	..	..	..
Unskilled	2,400	850	..	..	..
<i>(iv) Estimated non-departmental—</i>						
Technical and Supervisory
Skilled including Semi-skilled..
Unskilled
<i>(b) Continuing Phase—</i>						
Estimated departmental employment as in (i), (ii) and (iii) above—						
Administrative	1	2	2
Clerical	20	40	40
Technical	50	60	60
Skilled	400	400	400
Unskilled	500	500	500

XII. POWER.

RURAL ELECTRIFICATION IN BIHAR.

1. Description Rural electrification.
2. Whether new or carried over from New.
Second Plan.
3. Location Whole Bihar State.
4. Scope and main components/items The schemes provide for electrification of such of those villages which are closed to the existing or proposed transmission lines and are within economical reach. It is expected that 1,037 no. of villages will be electrified during the Third Five-Year Plan under this scheme.
5. Progress up to the end of the Second Plan (for continuing Schemes). Not applicable as it is a fresh scheme.
6. Particulars of investigation and preparation of project report and explanation on basis of estimates. The reports have been received from the Field Superintending Engineers after survey of the areas and assessment of load demands.
7. Economic implication This scheme aims at distribution of power economically to rural people.
8. Proposed dates for commencement and completion and statement of construction programme to be carried out during each year of the Plan. 1961-62 to 1965-66 as per chart attached below.
9. Cost estimates and expenditure—

[Rs. IN LAKH.]
Total. Foreign
exchange.

Total estimated cost ..	300.00	20.00
Outlay up to 1960-61 ..	..	..
Outlay proposed during 1961-66.	300.00	20.00
Balance outlay ..	..	..

10. Phasing of expenditure—

	Total.	Foreign exchange.
1961-62 ..	40.00	3.00
1962-63 ..	61.66	3.50
1963-64 ..	57.79	4.00
1964-65 ..	66.30	4.50
1965-66 ..	74.25	5.00

(Phasing of outlay under item 10 should correspond to the phasing of work under item 8.)

XII. POWER—concd.

11. Break-up of Expenditure, 1961—66—

[RS. IN LAKHS.]

	Total.	1961—66
Wages and salaries ..	21.5	21.50
Equipment and machinery	42.5	42.50
Materials	212.5	212.50
Building	Nil	Nil.
Lands and development of land.	Nil	Nil.
Others	23.50	23.50

12. Progress of output/benefit—

Item.	Unit.	Up to end of Second Plan.	Total for Third Plan.	Phasing for Third Plan.				
				1961- 62.	1962- 63.	1963- 64.	1964- 65.	1965- 66.
1	2	3	4	5	6	7	8	9
1. Villages electrified	No.	..	1,037	187	175	200	225	250
(Numbers and names of villages are decided every year. However, approximate no. is being given.)								
2. H. T. Line	Mile	..	1,176	205	216	230	250	275

13. Employment (Unit—Man-years)—

Category.	1960- 61.	1961- 62.	1962- 63.	1963- 64.	1964- 65.	1965- 66.
1	2	3	4	5	6	7
(a) Construction Phase—						
(i) Administrative	1	2	3	3
(ii) Clerical	15	30	40	40
(iii) Departmental—						
Technical and Supervisory	22	27	25	29
Skilled including semi-skilled..	210	210	245	245
Unskilled	840	840	1,000	1,000
(iv) Estimated non-departmental—						
Technical and Supervisory
Skilled including semi-skilled..
Unskilled
(b) Continuing phase—						
Estimated Departmental Employ- ment as in (i), (ii) and (iii) above—						
Administrative	2	2	2
Technical	10	30	30
Skilled	360	420	420
Unskilled	500	500	500

I—INDUSTRIES
[COSTING Rs. 1 CRORE OR MORE.]

- | | |
|---|---|
| 1. Description | Block loans under the State Aid to Industries Act. |
| 2. Whether new or carried over from Second Plan. | Carried over from Second Plan. |
| 3. Location | Does not arise. |
| 4. Scope and main components/items | Grant of loans to industrial units under the State Aid to Industries Act. |
| 5. Progress up to the end of Second Plan (for continuing schemes). | Rs. 144.79 lakhs (Anticipated). |
| 6. Particulars of investigation and preparation of project report and explanation on basis of estimates. | Does not arise. |
| 7. Economic implications | Ditto. |
| 8. Proposed dates for commencement and completion and statement of construction programme to be carried out during each year of the Plan. | Ditto. |
| 9. Cost estimates and expenditure— | |

[RS. IN LAKH.]

	Total.	Foreign exchange.
Total estimated cost .. .. .	..	..
Outlay up to 1960-61	144.79 (Anticipated).	..
Outlay proposed during 1961—66.	100.00	..
Balance of outlay	-	-

10. Phasing of Expenditure—

	Total.	Foreign exchange.
1961-62	15.00	..
1962-63	19.55	..
1963-64	21.15	..
1964-65	22.10	..
1965-66	22.20	..

(Phasing of outlay under item 10 should correspond to the phasing of works under item 8.)

**II—INDUSTRIES—ENHANCEMENT OF EQUITY CAPITAL OF BIHAR
INDUSTRIAL DEVELOPMENT CORPORATION.**

- | | |
|---|---|
| 1. Description | Enhancement of equity capital of Bihar Industrial Development Corporation. |
| 2. Whether new or carried over from Second Plan. | Carried over from the Second Plan. |
| 3. Location | Patna. |
| 4. Scope and main components/ items | Management of public sector Industrial enterprises of commercial nature. Also participation in the equity capital of Industrial enterprises, in the public or private Sector, on behalf of the State. |
| 5. Progress upto the end of the Second Plan (for continuing schemes). | The corporation has been registered under the Indian Companies Act and the Board of Directors has been constituted. An expenditure of Rs. 9 lakhs is anticipated till the end of March, 1961. |
| 6. Particulars of investigation and preparation of project report and explanation on basis of estimates. | Does not arise. |
| 7. Economic implications | Ditto |
| 8. Proposed dates for commencement and completion and statement of construction programme to be carried out during each year of the Plan. | Ditto |

9. Cost estimates and expenditure

[RS. IN LAKH.]

	Total	Foreign	Exchange.
Total estimated cost ..	Nil		
Outlay up to 1960-61 ..	9.00		
Outlay proposed during 1961—66. ..	(Anticipated) 100.00		
			[RS. IN LAKH.]
10. Phasing of expenditure—	Total	Foreign	Exchange.
1961-62 ..	8.00	..	..
1962-63 ..	18.50	..	..
1963-64 ..	21.50	..	..
1964-65 ..	23.50	..	..
1965-66 ..	28.50	..	..

(Phasing of outlay under item 10 should correspond to phasing of works under item 8.)

I. TRANSPORT AND COMMUNICATIONS (ROADS.—TOOLS AND PLANT.

1. Description Tools and plant.
2. Whether new or carried over from Original.
Second Plan.
3. Location All over Bihar State.
4. Scope and main components/items Purchase of rollers and other essential tools and
(Describe fully). plant.
5. Progress up to the end of the Second Nil.
Plan (for continuing schemes).
6. Particulars of investigation and pre- Nil.
paration of project report and ex-
planation of basis of estimates.
7. Economic implications Improvement of transport facilities.
8. Proposed dates for commencement and From Third Five-Year Plan to Fourth Five-
completion and statement of cons- Year Plan.
truction programme to be carried
out during each year of the Plan.
9. Cost estimates and expenditure—

[RS. IN LAKHS.]			
		Total.	Foreign exchange.
		Rs.	Rs.
Total estimated cost	..	1,40.00	44.00
Outlay up to 1960-61	..	..	..
Outlay up to 1961—66	..	1,25.00	22.00
Balance of outlay	..	15.00	..

**II. TRANSPORT AND COMMUNICATIONS (ROADS)—OVERBRIDGES
AND BRIDGES.**

1. Description Overbridges and bridges.
2. Whether new or carried over from Original
Second Plan.
3. Location All over Bihar State.
4. Scope and main components/items Construction and strengthening of bridges
(Describe fully). and overbridges.
5. Progress up to the end of the Second Nil.
Plan (for continuing schemes).
6. Particulars of investigation and pre- Nil.
paration of project report and ex-
planation of basis of estimates.
7. Economic implications Improvement of transport facilities.
8. Proposed date for commencement and From Third Five-Year Plan to Fourth Five-
completion and statement of cons- Year Plan.
truction programme to be carried
out during each year of the Plan.
9. Cost estimates and expenditure—

[RS. IN LAKHS.]

Total. Foreign
exchange.

Total estimated cost out- lay up to 1960-61.	2,90.00	25.00
Outlay up to 1961-66..	2,50.00	22.00
Balance of outlay ..	40.00	3.00

10. Phasing of Expenditure—

[RS. IN LAKHS.]

Total. Foreign
exchange.

1961-62	15.00	..
1962-63	43.75	..
1963-64	52.50	..
1964-65	66.25	..
1965-66	72.50	..

III. TRANSPORT AND COMMUNICATIONS (ROADS)—STATE HIGHWAYS AND MAJOR DISTRICT ROADS.

1. Description State Highways and Major District Roads.

2. Whether now or carried over from Carried over from Second Plan.
Second Plan.

3. Location All over Bihar State.

4. Scope and main components/items Improvement of transport facilities.
(Describe fully).

5. Progress up to the end of the Second Rs. 1,318.31 Lakhs.
Plan (for continuing schemes).

6. Particulars of investigation and pre- Nil.
paration of project report and ex-
planation of basis of estimates.

7. Economic implications Improvement of transport facilities.

8. Proposed dates for commencement and From Second Five-Year Plan to Fourth Five-
completion and statement of cons- Year Plan.
truction programme to be carried
out during each year of the Plan.

9. Cost estimates and expenditure—

	[RS. IN LAKHS.]	
	Total.	Foreign exchange.
Total estimated cost ..	35,62.91	..
Outlay up to 1930-61 ..	13,13.31	..
Outlay proposed during 1961—66.	11,86.00	..
Balance of outlay ..	10,59.60	..

10. Phasing of Expenditure.—

	Total.	Foreign exchange.
1961-62	1,75.00	..
1962-63	2,17.07	..
1963-64	2,40.20	..
1964-65	2,59.98	..
1965-66	2,73.75	..

I. HEALTH—RANCHI MEDICAL COLLEGE AND HOSPITAL.

1. Description	.. ..	Ranchi Medical College and Hospital.
2. Whether new or carried over from the Second Plan.		Carried over from a non-Plan scheme to a Plan Scheme in Third Plan (outside State Plan, but inside Central Plan during Second Plan).
3. Location	.. ..	Ranchi, Chotanagpur Division, Bihar.
4. Scope and main components/items	.. ..	Full-fledged Medical College with attached 1,000 bedded hospital and other Specialist facilities and a nursing School attached to the Hospital.
5. Progress up to the end of the Second Plan (for continuing Schemes).		Teaching in 1st year class with 150 seats has begun. Construction completed in respect of 2 boys' and girls' hostels and Nurses' Home under construction, residential accommodation for 10 Professors, 20 Lecturers, 40 Demonstrators, 100 Class III and 196 Class IV employees.
6. Particulars of investigation and preparation of project report and explanation of basis of estimates.		.....
7. Economic implications	.. ..	.....
8. Proposed dates for commencement and completion and statement of construction programme to be carried out during each year of the plan.		Date of commencement 1955-56. Date of completion 1963-64. Construction of Anatomy Block, Forensic Block including Lecture Theatres nearing completion and Pre-clinic Block under progress. The 1,000 bedded hospital Wards, Outpatient Department, Casualty Blocks, Administrative Blocks are to be taken up, 1961-62, 2 additional boys' and 1 additional girls' hostels, 1 Housemen hostel, 60 flats for different categories of Medical Officers, 60 quarters for Class III staff and 400 for Class IV staff will be taken up during Third Plan.
9. Cost estimates and expenditure—		[Rs. IN LAKHS.]
		Total. Foreign exchange.
Total estimated cost	.. ..	4,27.15 17.00
Outlay up to 1960-61	.. ..	1,37.15 4.00
Outlay proposed during 1961—66	.. ..	2,50.00 10.00
Balance of outlay	.. ..	40.00 3.00
		[Rs. IN LAKHS.]
10. Phasing of Expenditure—		Total. Foreign exchange.
1961-62	.. ..	27.335 ..
1962-63	.. ..	72.025 2.00
1963-64	.. ..	60.00 4.00
1964-65	.. ..	55.00 4.00
1965-66	.. ..	35.64 ..
11. Break-up of Expenditure, 1961—66	.. ..	[ Rs. IN LAKHS.]
		Total. 1961-62. 1962-63. 1961—66.
Wages and Salaries	.. ..	89.00 0.73 2.00 89.00
Equipment and Machinery	.. ..	24.50 1.22 2.50 24.50
Materials	.. ..	84.40 10.385 25.50 84.40
Buildings	.. ..	50.10 15.00 30.00 50.10
Land and development of land	.. ..	2.00 2.00
Others	.. ..	.. .. .. ..

II. HEALTH—STORM DRAINAGE SCHEME, CENTRAL ZONE.

1. Description Storm Drainage Scheme, Central Zone.
2. Water now or carried over from Second Plan. Carried over from Second Five-Year Plan.
3. Location Between Pāchhim Darwaza and Budh Marg.
4. Scope and main components/items (Describe fully). Provision of underground sewerage for disposal of storm water to eliminate filth and water-logging and breeding of mosquitoes.
Construction of underground sewers, pump houses, etc.
5. Progress up to the end of the Second Plan (including continuing schemes). 32%.
6. Particulars of investigation and preparation of project report and explanation of basis of estimates. Scheme sanctioned by State Government.
7. Economic implications Does not arise.
8. Proposed dates for commencement and completion and statement of construction programme to be carried out during each year of the Plan. Commenced in 1956. Expected to be completed by 1963-64.

9. Cost estimates and expenditure—

(RS. IN LAKHS.)

	Total.	Foreign exchange.	
Total estimated cost.	1,39.33	..	
Expenditure up to 1960-61.	45.00	0.15	} 0.75
Expenditure proposed 1961-66.	94.33	0.60	

10. Phasing of Expenditure—

(RS. IN LAKHS.)

1961-62	..	14.00
1962-63	..	22.00
1963-64	..	26.00
1964-65	..	30.00
1965-66	..	32.00
		<hr/> 124.00 <hr/>

LABOUR AND LABOUR WELFARE—CRAFTSMAN TRAINING SCHEME.

1. Description Craftsman Training Scheme.
2. Whether new or carried over from the Second Plan. Carried over from the Second Plan.
3. Location Siwan or Hathwa, Sitamarhi, Bettiah, Gogardiha, Sahibganj, Forbesganj, Birpur, Begusarai, Bokaro, Buxar and Nawadah (for new institution only).
4. Scope and main components/items (Describe fully). The scheme envisages the creation of 7,948 additional seats for training of craftsmen, 4,892 seats by the expansion of existing institutions and 3,056 seats by establishment of new institutions.
5. Progress up to the end of the Second Plan (for continuing scheme). Total admission capacity at the end of the Second Plan, i.e., 5,244.
6. Particulars of investigation and preparation of project report and explanation of basis of estimates. Does not arise.
7. Economic implications Does not arise.
8. Proposed dates for commencement and completion and statement of construction programme to be carried out during each year of the Plan. As given in Statement 'E'.

9. Cost estimates and expenditure—

(RS. IN LAKHS.)

	Total.	Foreign exchange.
Total estimated cost ..	2,54.40	..
Outlay up to 1960-61 ..	52.17	1.00
Outlay proposed during 1961-66.	2,08.10	30.00
Balance of outlay ..	..	..

10: Phasing of expenditure—

	Total.	Foreign exchange.
1961-62	30.44	3.00
1962-63	35.60	3.20
1963-64	41.87	4.00
1964-65	48.15	4.80
1965-66	52.34	5.00

Phasing of outlay under item 10 should correspond to the phasing of works under item 8.

