

## CHAPTER-IV

### FINANCIAL REQUIREMENTS

(Rs. in crores)

Name of the Scheme	BE 97-98 Plan	BE 97-98 Non-Plan	RE 97-98 Plan	RE 97-98 Non-Plan	BE 98-99 Plan	BE 99-99 Non-Plan
<b>1. SECRETARIAT</b>	0.00	4.49	0.00	5.57	0.00	6.14
<b>FORESTRY &amp; WILDLIFE</b>						
<b>2. EDUCATION &amp; TRAINING</b>						
i) State Forest Service & Rangers College	0.84	1 A1	0.84	1.68	1.20	1.92
ii) Indira Gandhi National Forest Academy	1.37	1.45	1.32	1.96	1.70	2.22
iii) Training of ITS Officers	0.47	0.00	0.47	0.00	0.55	0.00
iv) Indian Council of Forestry Res. & Edn.	1.10	OA8	1.10	0.65	1.80	0.67
v) Indian Institute of Forest Management	2.10	0.62	2.00	0.84	2.60	0.80
<b>TOTAL (EDUCATION &amp; TRAINING)</b>	<b>5.88</b>	<b>3.96</b>	<b>5.73</b>	<b>5.13</b>	<b>7.85</b>	<b>5.67</b>
<b>3. RESEARCH</b>						
i) Indian Council of Forestry Res. & Edn.	64.55	6.88	54.74	9.28	64.21	9.50
ii) Indian Plywood Research Institute	0.45	0.76	0.45	1.03	0.66	1.05
iii) Forest Policy and Pre-paration	1.00	0.00	1.00	0.00	1.00	0.00
iv) Bio-diversity conservation	0.45	0.00	1.26	0.00	1.23	0.00
<b>TOTAL (RESEARCH)</b>	<b>66.45</b>	<b>7.64</b>	<b>57.45</b>	<b>10.31</b>	<b>67.10</b>	<b>10.55</b>
<b>4. SURVEY AND UTILISATION OF FOREST RESOURCES</b>						
i) Forest Survey of India	1.80	3.24	1.80	4.17	3.00	4.43
<b>5. FOREST CONSERVATION, DEV. &amp; REGENERATION</b>						
	2.30	0.00	3.25	0.00	3.25	0.00
i) Strengthening of Forest Divisions	2.10	0.00	1.90	0.00	3.10	0.00
ii) Introduction of M FEC in India	0.15	0.00	0.10	0.00	0.15	0.00
iii) National Forestry Action Plan	1.10	0.00	1.35	0.00	4.50	0.00
iv) Bene. Oriented Scherne for Tribal Dev.	2.10	0.00	1.00	0.00	2.10	0.00
v) Assn. of ST & Rural Poor in Regeneration of Degraded Forests						
<b>TOTAL (FOREST CONSERVATION, DEV. &amp; REGEN.)</b>	<b>7.75</b>	<b>0.00</b>	<b>7.60</b>	<b>0.00</b>	<b>13.10</b>	<b>0.00</b>
<b>TOTAL - FORESTRY</b>	<b>81-88</b>	<b>14.84</b>	<b>72.58</b>	<b>19.61</b>	<b>91.05</b>	<b>20.65</b>

<b>6. WILDLIFE PRESERVATION</b>						
i) Wild life Institute of India	3.65	0.90	3.65	1.21	3.85	1.24
ii) Project Tiger	8.05	0.06	14.05	0.06	17.00	0.06
iii) Enforcement of Wildlife Protection Act., 1972	1.02	0.23		0.27		0.30
iv) Strengthening of Wildlife Division & Consultancies for spl. tasks.	0.50	0.00	1.12	0.00	1.02	0.00
	4.70	0.00	4.25	0.00	4.70	0.00

v) Management Planning for Protected areas	3.60 26.00	0.00 0.00	3.80 21.00	0.00 0.00	5.00 66.83	0.00 0.00
vi) Project Elephant						
vii) Central Zoo Authority	1.60	0.34	2.25	0.46	4.23	0.47
viii) Eco-Dev. around important Protected Areas		0.02		0.01		0.02
ix) Animal Welfare Board		0.01		0.01		0.02
x) Committee for Control & Supervision of Experiments on Animals						
xi) Convention on International Trade in Endangered species of Wild Fauna & Flora						
<b>TOTAL – WILDLIFE PRESERVATION(#)</b>	<b>49.12</b>	<b>1.56</b>	<b>50.12</b>	<b>2.02</b>	<b>102.63</b>	<b>2.11</b>
<b>7. ZOOLOGICAL PARKS</b>						
i) National Zoological Park	0.05	2.14	0.20	2.75	0.20	2.94
ii) Padmaja Naidu Himalayan Zoological Park	12.00	0.06 0.00	11.50	0.07 0.00	12.00	0.06 0.00
iii) Ass. for Dev. of National Parks & Sanctuaries						
<b>TOTAL – ZOOLOGICAL PARKS (#)</b>	<b>12.05</b>	<b>2.20</b>	<b>11.70</b>	<b>2.82</b>	<b>12.20</b>	<b>3.00</b>
<b>8. INTERNATIONAL COOPERATION</b>	<b>0.00</b>	<b>0.71</b>	<b>0.00</b>	<b>0.72</b>	<b>0.00</b>	<b>0.71</b>
<b>TOTAL - FORESTRY &amp; WILDLIFE (EXCL. N.A.E. Prog.)</b>	<b>143.05</b>	<b>19.31</b>	<b>134.40</b>	<b>25.17</b>	<b>205.88</b>	<b>26.47</b>
<b>9. NATIONAL AFFORESTATION &amp; ECO-DEVELOPMENT PROGRAMME</b>						
9.01 National Afforestation & Eco-Dev. Board	3.00 0.75	0.00 0.00	3.05 0.60	0.00 0.00	3.27 0.75	0.00 0.00
a. Board Secretariat	0.30	0.00	0.42	0.00	0.38	0.00
b. Monitoring & Evaluation	0.10	0.00	0.05	0.00	0.10	0.00
c. Communication						
d. Paytt. for Prof. & Spl. Services						
<b>TOTAL - NATIONAL AFFOREST &amp; ECO-DEV. BOARD</b>	<b>4.15</b>	<b>0.00</b>	<b>4.12</b>	<b>0.00</b>	<b>4.50</b>	<b>0.00</b>
9.02 Integrated Afforestation & Eco-Dev. Projects	33.00 40.00	0.00 0.00	20.00 40.00	0.00 0.00	33.00 40.00	0.00 0.00
9.03 Fuelwood & Fodder Projects	11.00	0.00	6.00	0.00	11.00	0.00
9.04 Plantation of Minor Forests Produce	0.00	0.00	0.00	0.00	0.00	0.00
9.05 Indira Kunj	2.60	0.00	1.90	0.00	2.60	0.00
9.06 OTHER PROGRAMMES	0.00	0.00	0.00	0.00	0.00	0.00
i) Seed Development Agencies	1.25	0.00	1.18	0.00	1.25	0.00
ii) Aerial Seeding						
ni) Central Support Unit						
<b>TOTAL - NATIONAL AFFOREST. &amp; ECO-DEV.PROG.</b>	<b>92.00</b>	<b>0.00</b>	<b>73.20</b>	<b>0.00</b>	<b>92.35</b>	<b>0.00</b>
Civil Works (Forestry & Wildlife)	1.65	0.00	1.65	0.00	3.25	0.00
<b>TOTAL - FORESTRY &amp; WILDLIFE</b>	<b>236.70</b>	<b>19.31</b>	<b>209.25</b>	<b>25.17</b>	<b>301.48</b>	<b>26.47</b>
<b>ECOLOGY &amp; ENVIRONMENT</b>						

10.SURVEYS						
i) Botanical Survey of India	3.65	6.64	3.65	9.33	4.00	9.29
ii) Zoological Survey of India	2.95	6.13	2.95	8.15	2.95	7.60
TOTAL-SURVEYS	6.60	12.77	6.60	17.48	6.95	16.89

11. ENVIRONMENT EDUCATION/ TRAINING/EXTENSION						
i) Environmental Edu. Training Schemes	3.50	0.05	3.40	0.05	3.50	0.05
ii) Workshop, Seminars and Symposia	0.30	0.00	0.30	0.00	0.30	0.00
iii) National Museum of Natural History	2.55	0.57	1.76	0.68	2.50	0.81
TOTAL - ENV. EDUCATION/TRAINING/ EXTENSION	6.35	0.62	5.46	0.73	6.30	0.86
12. CONSERVATION PROGRAMME						
i) Biosphere Reserves	2.62	0.00	2.62	0.00	2.62	0.00
ii) Assis. for Regional Botanical Gardens	0.52	0.00	0.52	0.00	0.52	0.00
iii) Mangroves Eco-Systems	1.56	0.00	1.40	0.00	1.56	0.00
iv) Wetlands	1.56	0.00	1.90	0.00	1.56	0.00
TOTAL - CONSERVATION PROGRAMME	6.26	0.00	6.44	0.00	6.26	0.00
13. ENVIRONMENT PLANNING& COORDINATION						
j) Environmental Information System	1.15	0.28	1.50	0.28	1.50	0.28
ii) Centres of Excellence	4.20	0.90	3.70	1.21	4.35	1.24
iii) Grants-in-aid to Prof. Societies & Institutions.	0.10	0.00	0.10	0.00	1.10	0.00
TOTAL - ENVIRONMENT PLANNING & COORDINATION	5.45	1.18	5.30	1.49	5.95	1.52
14. RESEARCH AND ECOLOGICAL REGENERATION						
i) Research and Development	3.85	0.00	3.65	0.00	4.00	0.00
ii) Field Action Programme on Restoration of Selected Eco- Systems	0.00	0.00	0.00	0.00	0.00	0.00
iii) Himalayan Instt. of Environment& Dev.	4.78	0.00	5.67	0.00	4.78	0.00
iv) Integrated Action Oriented Research & Extension Projects	0.40	0.00	0.40	0.00	0.40	0.00
v) Eco-Development Forces	4.00	0.00	4.00	0.00	5.00	0.00
TOTAL - RESEARCH & ECOLOGICAL REGENERATION	13.03	0.00	13.72	0.00	14.18	0.00
15. INTERNATIONAL COOPERATION	1.00	0.97	1.00	0.97	1.25	0.99

16. PREVENTION& CONTROL OF POLLUTION PREVENTION OF POLLUTION OF GANGA						
i) Central Ganga Authority	3.70	0.00	3.67	0.00	3.97	0.00
ii) Ganga Action Plan 1	5.30	0.00	3.30	0.00	8.73	0.00
iii) Ganp Action Plan 11	86.00	0.00	89.26	0.00	165.00	0.00
iv) National River Action Plan	14.00	0.00	10.74	0.00	14.00	0.00
TOTAL - GANGA PROJECT DIRECTORATE	109.00	0.00	106.97	0.00	191.70	0.00

17. PREVENTION OF AIR AND WATER POLLUTION						
17.01. Prevention of Air & Water Pollution met for Cess.	0.00	50.00	0.00	44.28	0.00	55.80
17.02. Establishment of Environmental Authorities	0.00	0.00	2.80	0.00	3.40	0.00
17.03. Other Schemes						
i) Central Pollution Control Board	4.96	4.88	4.96	5.35	8.00	6.73
ii) Promotion of Common Effluent Treatment Plants	3.00	0.00	6.00	0.00	3.00	0.00
iii) Pollution Control Projects (Externally Aided Scheme)	30.00	0.00	27.00	0.00	30.00	0.00
iv) Environmental Audit	0.10	0.00	0.10	0.00	0.10	0.00
v) Environmental Statistics & Mapping	0.10	0.00	0.05	0.00	0.10	0.00
vi) Clean Tech. by Small Scale Industries	0.10	0.00	0.05	0.00	0.10	0.00
TOTAL - PREVENTION OF AIR & WATER POLLUTION	38.26	54.88	40.96	49.63	44.70	62.53
18. IMPACT ASSESSMENT						
i) Environmental Impact Assessment Prog.	4.49	0.10	4.49	0.09	7.10	0.10
ii) Dev. & Promotion of Clean Technologies	0.10	0.00	1.10	0.00	0.00	0.00
TOTAL - IMPACT ASSESSMENT	4.59	0.10	4.59	0.09	7.10	0.10
TOTAL - PREVENTION AND CONTROL OF POLLUTION	151.85	54.98	152.52	49.72	243.50	62.63
19. OTHER PROGRAMMES						
i) Assistance for Abatement of Pollution	1.25	0.00	1.25	0.00	1.25	0.00
ii) Taj Protection Mission	50.00	0.00	0.00	0.00	50.00	0.00
iii) Environmental Commission and Tribuna	1.50	0.00	0.00	0.00	1.00	0.00
iv) Hazardous Substance Management	13.30	0.00	4.00	0.00	9.16	0.00
v) National Natural Resources Management System	1.00	0.00	0.60	0.00	1.00	0.00
vi) Paryavaran Sudhar Pariyojana	0.50	0.00	0.20	0.00	0.50	0.00
vii) Indo-Canada Environmental Facility Projects (Externally Aided Scheme)	15.00	0.00	16.20	0.00	1.00	0.00

viii) India Environment Capacity Building Technical Assistance Project	26.00	0.00	10.75	0.00	36.00	0.00
ix) Govt. of India -United Nations Development Programme - Environment Support Programme	2.00	0.00	0.25	0.00	2.00	0.00
OTHERS	0.00	0.00	0.00	0.00	6.00	0.00
i) National Board for Bio-Diversity	0.26	0.00	0.26	0.00	0.26	0.00
ii) Pitamber Pant Fellowship	0.05	0.00	0.05	0.00	0.00	0.00
TOTAL - OTHER PROGRAMMES	110.86	0.00	33.56	0.00	108.17	0.00
20. Capital Outlay on Ecology & Environment						
i) Civil Engineering Wing	0.75	0.00	1.30	0.00	1.40	0.00
10 Civil Works (Ecology & Environment)	4.85	0.00	4.85	0.00	8.65	0.00
TOTAL - Capital Outlay on Ecology & Environment	5.60	0.00	6.15	0.00	10.05	0.00
TOTAL - ECOLOGY & ENVIRONMENT	307.00	70.52	230.75	70.39	402.61	82.89
GRAND TOTAL	543.70	94.32	440.00	101.13	704.09	115.50

NOTES: (#) The difference of Rs.0.50 crores between the totals of these schemes is due to taking the provision pertaining to "Assistance for National Parks and Sanctuaries" (element for Union Territories without Legislature) to the "Wildlife Preservation" instead of "Zoological Parks" in the "Expenditure Budget" prepared by the Ministry of Finance.

\* In BE 1997-98 these both were clubbed together.