# MINISTRY OF WATER RESOURCES

DEMAND NO.103

# Ministry of Water Resources

A. The Budget allocations, net of recoveries, are given below:

Budger Hood         Budger 2005-2006         Period Non-Plan         Constrained Plan         Non-Plan         Total         Plan         Non-Plan									(In crores of Rupees)			
Revenue Copiol (Control         578:86         235:96         811:82         454.86         231:00         686.76         68.77         68.77         68.77         68.77         68.77         68.77         68.77         68.77         48.74         77.80         60.74         47.44         61.00         72.44         67.77         67.77         67.74         67.75         74.93         90.77         87.14         42.3         12.37           Research Station         2701         5.76         4.08         9.44         9.87         17.28         44.2         21.37           Research and Development         2701         5.00          8.00          7.80         7.85			Budget 2005-2006		Revised 2005-2006							
Capital         45.14         77.60         62.74         45.14         16.10         61.24         42.80         77.60         891.51           1.         Scretariat-Economic services         3461         3.50         14.43         17.33         1.24         19.88         21.12         12.13         15.42         27.55           Migorand Medium Frightion         27.01         28.74         68.40         97.14         24.79         74.33         99.72         27.09         71.11         98.20           2.         Central Soil & Materials         7601         0.96        0.906        0.96        0.96        0.97         71.11         98.20           Central Soil & Materials         77.60         77.01         5.75         4.08         9.84         5.76         4.01         9.77         71.44         4.23         12.37           Central Media Institute of Hydrology         2701         5.75         4.08         9.84         5.76         4.01         9.77         71.78         4.62         21.90           Tester Material Solutional Institute of Hydrology         2701         5.70         7.43         1.64         4.27         9.7.83         12.66          17.28         4.62         21.												
Total         621.00         233.6         874.50         500.00         248.00         748.00         700.00         281.51         961.51           Hajor and Medium Irrigation         2701         3.0         14.43         17.33         1.24         19.80         21.12         12.13         15.42         27.55           2. Central Valter Commission         2701         5.76         4.08         9.04         0.96          9.72         27.09         7.11         9.82           3. Gentral Sol & Materials         Total         9.270         8.275         7.493         10.068         27.09         7.11         9.82         7.11         9.82         2.575         7.493         9.84         5.76         4.01         9.77         8.14         4.23         12.37           Research Station         2701         5.10         14.12         19.22         4.50         15.80         20.39         5.45         14.88         20.33           18. Non Planc Grants Destegment         2701         8.00          1.47         1.47          1.73         1.73           19. Add Statione Grants to States         301         Sacial Add Committees         2701          1.47 <td< td=""><td></td><td></td><td></td><td></td><td></td><td>1</td><td></td><td></td><td></td><td></td><td></td></td<>						1						
1.         Securatinity carbinals         3451         3.50         14.43         17.33         1.24         19.88         21.12         12.13         15.42         27.55           Mijor and Medium Irrigation         27.01         28.74         68.40         97.14         24.79         74.93         99.72         27.09         71.11         98.20         27.09         71.11         98.20         27.09         71.11         98.20         27.09         71.11         98.20         27.09         71.11         98.20         27.09         71.11         98.20         39.75         74.93         100.68         8.14         4.23         12.37           Central Water and Power Research Station         27.01         5.10         14.12         19.22         4.50         15.89         20.39         5.45         14.88         20.33         5.45         14.88         20.33         5.20         4.47         9.67         17.28         4.62         21.90         7.700         1.728         4.62         21.90         7.700         17.20         4.62         21.90         7.70         9.77         8.26         0.62         0.70         1.73         1.73         1.73         1.73         1.73         1.73         1.73         1.73 <td></td> <td></td> <td></td> <td></td> <td></td> <td>1</td> <td></td> <td></td> <td></td> <td></td> <td></td>						1						
Major and Medium Irrigation 2. Control Water Commission         2701 Total         28.74 (11)         68.40 (9.6)         97.14 (9.96)         24.79 (9.96)         74.93 (9.96)         99.72 (9.00.66)         27.09 (9.00.67)         71.11         98.20 (9.00.67)           3. Central Sol & Materials Research Station         27.01         5.76         4.08         9.84         5.76         4.01         9.77         8.14         4.23         12.37           4. Retring Visiter Development Programme         2701         5.76         4.08         9.84         5.76         4.01         9.77         8.14         4.23         12.37           6. National Metate Development Programme         2701         8.00          25.00          25.00          7.80         7.78         12.66          12.66          12.66          12.66          12.61          1.73         1.73         8.02         0.62          1.73         1.73         8.02         0.62          1.73         1.73         8.02         0.66          1.66         0.77          1.73         1.73         1.73         1.73         1.73         1.73         1.73         1.73		3/51										
2.         Central Water Commission         2701         28.74         68.40         97.14         24.79         74.93         99.72         27.09         71.11         99.20           A         29.70         68.40         98.10         25.75         74.93         100.68          27.09         71.11         99.20           Research Station         27.01         5.76         4.08         9.84         5.76         4.01         9.77         8.14         4.23         12.37           Actional Matter Development         2701         5.10         14.12         19.22         4.50         15.89         20.39         5.45         14.88         20.33           Autoral Matter Development         2701         5.00          7.00          17.00         4.00          4.62         21.90           7. Research and Development         2701          1.47         1.47          0.62         0.62          1.73         1.73           8.0         Oters          1.47         1.47          0.68          0.06          1.73         1.73         1.73         1.73         1.73		5451	3.50	14.45	17.95	1.24	19.00	21.12	12.15	13.42	27.55	
Total         29.70         68.40         98.10         25.75         74.93         100.68         27.99         71.11         98.20           Research Station         2701         5.76         4.08         9.84         5.76         4.01         9.77         8.14         4.23         12.37           Research Station         2701         5.76         4.08         9.84         15.76         4.01         9.77         8.14         4.23         12.37           Accental Water Development         2701         25.00          25.00         17.00          17.70         41.00          4.62         21.92           Appartment         Perogramme         2701         8.00          8.00         7.85          7.85         12.56          12.56           0.01         Assistance for Sulle         2701          1.47          0.62         0.62          1.73         1.73         1.73           8.01         Postford Sand         Commits         Satistance for Sulle          1.47         1.47          0.68         0.62         0.62         0.62         0.62         0.62				68.40			74.93		27.09	71.11	98.20	
3. Central Soil & Materials Research Station         2701         5.76         4.08         9.84         5.76         4.01         9.77         8.14         4.23         12.37           Research Station         2701         5.10         14.12         19.22         4.50         15.89         20.39         5.45         14.88         20.33           Stational Mater Development Agency         2701         5.00          25.00         17.00          17.28         4.62         21.90           Research and Development Agency         2701         8.00          8.00         7.85          7.85         12.56          12.56          12.56          1.73         1.		-										
4. Central Water and Power Research Station         701         5.10         14.12         19.22         4.50         15.89         20.39         5.45         14.88         20.33           5. National Water Development Agency         2701         25.00          25.00         17.00          17.00         41.00          4.62         21.90           7. Research and Development Programme         2701         8.00          8.00         7.85          7.88         12.56          12.56           0.0767         3.01         Development 3.01         Assituato for States          1.47         1.47          0.08          8.00          8.00          8.00          1.73<	3. Central Soil & Materials	TOLAI	29.70	00.40	96.10	25.75	74.93	100.00	27.09	71.11	90.20	
Research Station         2701         5.10         14.12         19.22         4.50         15.89         20.33         5.45         14.88         20.33           National Water Development Agency         2701         25.00          25.00          17.00          17.00          17.00          17.00          17.00          17.00          17.00          17.00          17.00          17.28         4.427         9.67         17.28         4.42         21.90           Programme         2701          1.47		2701	5.76	4.08	9.84	5.76	4.01	9.77	8.14	4.23	12.37	
5. National Water Development Agency         2701         25.00          25.00         7.00          17.00          41.00          41.00           6. National Institute of Hydrology         2701         9.27         4.34         13.61         5.20         4.47         9.67         17.28         4.62         21.90           7. Research and Development Programme         2701         8.00          8.00         7.85          7.86         12.56          1.73         1.72		2701	5 10	14 12	19 22	4 50	15 89	20.39	5 4 5	14 88	20.33	
6.         National Institute of Hydrology Programme         2701         9.27         4.34         13.61         5.20         4.47         9.67         17.28         4.62         21.90           7. Research and Development Programme         2701         8.00          8.00         7.85          7.85         1.26         Chers         1.73 <t< td=""><td></td><td>2701</td><td>0.10</td><td>14.12</td><td>10.22</td><td>4.00</td><td>10.00</td><td>20.00</td><td>0.40</td><td>14.00</td><td>20.00</td></t<>		2701	0.10	14.12	10.22	4.00	10.00	20.00	0.40	14.00	20.00	
7.         Research and Development Programme         2701         8.00          8.00         7.85          7.85         12.56          12.56           8. 01 boards and Committees         2701          1.47         1.47          0.08          0.08          1.73         1.73         1.73           8. 00 Plen Grants to States         70tal          7.47         1.47         1.47         0.08          0.08          1.73         1.73           9. Non Plen Grants to States         70tal          7.47         7.47         0.08         0.62         0.70         111.52         12.50         25.00          0.01          25.00         25.00          0.01         0.01          25.00         25.00          0.01         0.01          25.00          6.06         6.06         6.06         6.06         6.06         6.06         6.06         6.06         6.06         6.06         6.06          6.06         6.06          6.06         6.06          6.00         7.06 <td></td>												
Programme         2701         8.00          8.00         7.85          7.85         12.56          12.56           8. Off Boards and Committees         2701          1.47         1.47          0.08          0.08          1.73         1.73         1.73           9. Non Plan Grants to States          Total          1.47         1.47         0.08         0.62         0.70          1.73         1.73           9. Non Plan Grants to States          701          1.47         1.47         0.08         0.62         0.70          1.73         1.73         1.73           9.01 Assistance for Suttej          25.00         25.00          0.01         0.01          25.00          0.02         0.01          25.00          0.01         0.01          25.00          0.04          0.01          0.25         0.25          0.26         0.25          0.26         0.25          0.34          0		2701	9.27	4.34	13.61	5.20	4.47	9.67	17.28	4.62	21.90	
B.01         Boards and Committees         2701          1.47         1.47         0.08         0.02          1.73         1.73           9. Non Plan Grants to States           1.47         1.47         0.08         0.62         0.70          1.73         1.73           9. Non Plan Grants to States          Total         Non Plan Grants to States         0.01         0.01         0.01          1.73         1.73         1.73         1.73           9.01 Assistance for Suttej          25.00         25.00          0.01         0.01         111.52         121.57         233.09           Minor Irrigation         65.64         49.51         110.15         55.01         55.07         50.00         66.00          0.34          0.34          0.34          0.34          0.34          0.34          0.34          0.34          0.34          0.34          0.34          0.34          0.34          0.34          0.34 <td></td> <td>2701</td> <td>8.00</td> <td></td> <td>8.00</td> <td>7.85</td> <td></td> <td>7.85</td> <td>12.56</td> <td></td> <td>12.56</td>		2701	8.00		8.00	7.85		7.85	12.56		12.56	
8.02         CPCB/BBMB         2701            0.08          0.08          0.08          0.08          0.08          0.08         0.01         0.		0704		1 47	1 17		0.62	0.62		1 70	1 70	
Total          1.47         1.47         1.47         0.08         0.62         0.70          1.73         1.73           9. Non Plan Grants to States         3601          25.00         25.00          0.01         0.01          25.00         25.00           Total         Major Inflagation         82.83         117.41         200.24         66.14         99.93         166.07         111.52         121.57         233.09           10. Central Ground Water Board         2702         60.64         49.51         110.15         50.0         50.0         50.0         50.0         66.07         66.24         51.16         124.00           11. Surface Water Schemes         2702         0.25          0.25         0.25         0.25         0.16         66.67         76.86          6.66         76.86          6.66         76.85          7.88           3601         192.00          2705         6.56         15.00          18.02         3.50         3.50         3.50         3.50         3.50         3.50         3.50         1.55         59.9         1.99.10				1.47	1.47						1.73	
9.01         Assistance for Sutlej Yamma Link Canal Project         3601          25.00         25.00          0.01         0.01          25.00         25.00           Total - Major and Medium Irrigation Minor Irrigation         2702         60.64         49.51         110.15         51.01         55.47         106.48         66.24         51.16         117.20           10. Central Ground Water Board         2702         60.64         49.51         115.15         56.01          0.25         50.0         55.47         116.84         66.24         51.16         124.4           11. Surface Water Schemes         2702         0.25          0.25         0.25          0.25         0.34         50.8          0.34           3602         0.19          0.19         0.19         0.19         0.08          0.38           12. Command Area Development         2705         3.50          3.50         5.57         117.19         80.94         51.16         122.16           12. Command Area Development         2711         25.59         31.29         56.88         18.27         3.89         52.16         23.13         3				1.47	1.47						1.73	
Yamuna Link Canal Project Minor Irrigation         3601          25.00         25.00          0.01         0.01          25.00         26.00         25.00         26.00         25.00         26.00         25.00         26.00         25.00         26.00         25.00         26.00         26.00         26.00         26.00												
Total - Major and Medium Irrigation Minor Irrigation         82.83         117.41         200.24         66.14         99.93         166.07         111.52         121.57         233.09           10. Central Ground Water Board 10. Central Ground Water Board 11. Surface Water Schemes         2702 20.25         60.64         49.51         110.15         51.01         55.47         106.48         66.24         51.16         124.00           11. Surface Water Schemes         2702         0.25          0.25         0.25         0.25         0.34          0.34           3601         6.56          6.50         6.50          6.50         8.10          8.10           70al         7.00          7.00          7.00          7.00          5.50          5.50          6.50         8.10          8.10         11.5         80.94         51.16         122.00           12. Command Area Development         2705         35.0          3.50          155.00         193.80          133.83           13. Central Water Commission         2711         25.50         31.29         56.66<		3601		25.00	25.00		0.01	0.01		25.00	25.00	
10. Central Ground Water Board       2702       60.64       49.51       110.15       51.01       55.47       106.48       66.24       51.16       117.40         11. Surface Water Schemes       2702       0.25        0.25       0.25        0.25       0.25        0.25       0.25        0.26       0.25        0.26       0.26        0.26       0.25        0.26       0.26        0.26       0.25        0.26       0.26        0.26       0.26        0.26       0.26        0.26       0.26        0.26       0.34        0.34        0.34         3601       6.56        0.19       0.19        0.66       0       6.50        6.50        6.50        6.50        6.50        6.50        6.50        6.50        6.50        6.50        6.50        6.50       19.0        199.10        199.10        199.10        199.10	Total - Major and Medium Irrigation		82.83	117.41	200.24	66.14	99.93	166.07	111.52	121.57	233.09	
4702         5.00          5.00         5.00         5.00         6.60          6.60           11. Surface Water Schemes         2702         0.25          0.25 </td <td></td> <td>2702</td> <td>60.64</td> <td>10 51</td> <td>110 15</td> <td>51.01</td> <td>55 <i>1</i>7</td> <td>106 / 8</td> <td>66.24</td> <td>51 16</td> <td>117 /0</td>		2702	60.64	10 51	110 15	51.01	55 <i>1</i> 7	106 / 8	66.24	51 16	117 /0	
11. Surface Water Schemes       2702       0.25       0.25       0.25       0.25       0.25       0.26       0.26       0.34        0.34         11. Surface Water Schemes       3601       6.56        6.56       6.06        6.06       7.68        7.68        7.64         3602       0.19        7.00        7.00       6.50        6.50       8.10        8.10        8.10        8.10        8.11       122.10         12. Command Area Development       2705       3.50        13.50       155.00       193.80       193.80 <td>10. Central Glound Water Board</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>-</td>	10. Central Glound Water Board										-	
3601         6.56          6.56         6.66          6.06          6.06          7.68          7.68          7.68          7.68          7.68          7.68          0.19         0.16         13.16         132.10         15.50          15.50         15.50         15.50         15.50         15.76         2.18         32.19         32.29         12.23         32.09         52.21         33.89         52.16         23.13         32.09         52.22         13.29         13.26         13.3         13.20         13.26         13.26         13.28         13.20         13.20         13.20         13.26         13.20         13.20         1				49.51			55.47	-	-	51.16		
$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$	11. Surface Water Schemes											
Total - Minor Irrigation         72.64         49.51         122.15         62.51         55.47         117.98         80.94         51.16         132.10           12. Command Area Development         2705         3.50          3.50          3.50          3.50          3.50          3.50          5.30          5.30           Flood Control         200.00          200.00         158.50         11.6         13.80          198.80           13. Central Water Commission         2711         25.59         31.29         56.88         18.27         33.89         52.16         23.13         32.09         55.22           14. Flood Control Works in States         70tal         34.37         31.29         65.66         27.05         33.89         60.94         26.02         32.09         58.11           14. Flood Control Works in States         70tal         100.00          50.00         36.00          35.00         30.00          30.00          81.00           14. Ot Critical anti-erosion works         1         100.00          50.00         36.00						1						
12. Command Area Development       2705       3.50        3.50       13		Total										
3601         196.50          196.50         155.00          155.00         193.80          193.80           Flood Control         200.00          200.00          200.00          155.00          155.00         199.10          199.10           13. Central Water Commission         2711         25.59         31.29         56.88         18.27         33.89         52.16         23.13         32.09         55.22           14. Flood Control Works in States         14.01 Critical anti-erosion works         70tal         34.37         31.29         65.66         27.05         33.89         60.04         26.02         32.09         58.11           14. Flood Control Works in States         2711         50.00          50.00         35.00          35.00         30.00          30.00           15. Emergent flood protection         70tal         100.00          100.00         80.00         111.20          111.20           15. Emergent flood protection         7601          3.00         3.00          1.50          3.00         3.00           16.		2705			-							
Flood Control         2711         25.59         31.29         56.88         18.27         33.89         52.16         23.13         32.09         55.22           4711         8.78          8.78         8.78         8.78         2.89          2.89           14. Flood Control Works in States         14. Flood Control Works in States         2711         50.00          50.00         35.00          36.00         30.00          30.00           14. Flood Control Works in States         2711         50.00          50.00         35.00          35.00         30.00          30.00           14. Of Critical anti-erosion works          100.00          50.00         45.00          45.00         81.20          81.20          81.20          81.20          81.20          81.20          81.20          81.20          81.20          81.20          81.20          81.20          81.20          81.20          81.20          81.20         .											193.80	
13. Central Water Commission       2711 4711       25.59 8.78       31.29 8.78       56.88 8.78       18.27 8.78       33.89 8.78       52.16 8.78       23.13 2.89       32.09       55.22 2.89         14. Flood Control Works in States 14.01 Critical anti-erosion works in Ganga Basin States       2711 50.00       50.00       50.00       33.89       60.94       26.02       32.09       58.11         14. Flood Control Works in States in Ganga Basin States       2711       50.00        50.00       35.00        35.00       30.00        30.00         15. Emergent flood protection works in Eastern & Western Sectors       7601        3.00       3.00        1.50        3.00       3.00         16. Other Schemes of Flood Protection Works of Kosi and Gandak Projects       3601       6.00        6.00       3.74        3.74       5.24        5.24         17. Cooperation with Neighbouring Countries       3601       14.00        14.00       6.00        6.00       32.25        32.25         17. Cooperation with Neighbouring Countries       2711       2.50        2.50       0.64        0.64       1.50        40.24		Total	200.00		200.00	158.50		158.50	199.10		199.10	
$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$		2711	25.59	31.29	56.88	18.27	33.89	52.16	23.13	32.09	55.22	
14. Flood Control Works in States       2711       50.00        50.00       35.00        35.00       30.00        30.00         in Ganga Basin States       2711       50.00        50.00       45.00        45.00       81.20        81.20         Total       100.00        100.00        100.00       80.00        80.00       111.20        111.20         15. Emergent flood protection works in Eastern & Western Sectors       7601        3.00       3.00        1.50       1.50        3.00       3.00         16. Other Schemes of Flood Control Control Ganga Flood Control       6.00        2.71        2.71       2.75        2.75         16.02 Maintenance of Flood       80.01       6.00        6.00       3.74       3.74       5.24        5.24         16.03 Others       8agmati and Khando Rivers       3601       6.00        6.00       3.74       3.74       5.24        5.24         16.03 Others       8agmati and Khando Rivers       3601       14.00        14.00       12.45		4711	8.78		8.78	8.78		8.78	2.89		2.89	
14.01 Critical anti-erosion works in Ganga Basin States       2711 3601       50.00 50.00        50.00 45.00        35.00 45.00        35.00 45.00        30.00 15.00        81.20 111.20        81.20 111.20        81.20 111.20        81.20 111.20        81.20 111.20        81.20 111.20        81.20 111.20        81.20 111.20        81.20         15. Emergent flood protection works in Eastern & Western Sectors       7601        3.00       3.00        1.50       1.50        111.20        111.20         16. Other Schemes of Flood Control Commission       2711       2.50        2.50       2.71        2.71       2.75        2.75         16.02 Maintenance of Flood Protection Works of Kosi and Gandak Projects       3601       6.00        6.00       3.74        3.74       5.24        5.24         16.03 Others Extension of embankments on Lalbakeya, Kamla, Bagmati and Khando Rivers       3601       14.00        14.00       6.00        6.00       32.25        32.25         17. Cooperation with Neighbouring Countries	14 Eland Control Works in States	Total	34.37	31.29	65.66	27.05	33.89	60.94	26.02	32.09	58.11	
3601       50.00        50.00       45.00        45.00       81.20        81.20        81.20        81.20        81.20        81.20        81.20        81.20        81.20        81.20        81.20        81.20        81.20        81.20        81.20        81.20        111												
Total       100.00        100.00       80.00        80.00       111.20        111.20         15. Emergent flood protection works in Eastern & Western Sectors       7601        3.00       3.00        1.50       1.50        3.00       3.00         16. Other Schemes of Flood Control Commission       2711       2.50        2.50       2.71        2.71       2.75        2.75         16.02 Maintenace of Flood Protection Works of Kosi and Gandak Projects       3601       6.00        6.00       3.74        3.74       5.24        5.24         16.03 Others       Extension of embankments on Lalbakeya, Kamla, Bagmati and Khando Rivers       3601       14.00        14.00       6.00        6.00       32.25        32.25         17. Cooperation with Neighbouring Countries       70tal       2.50        2.50       12.45       40.24        40.24         17.01 Joint Observations on rivers common with Bangladesh and Neighbouring Countries       2711       2.50        2.50       0.64        0.64       1.50        1.50         17.01 Joint Observatio	in Ganga Basin States											
15. Emergent flood protection works in Eastern & Western Sectors76013.003.001.501.503.003.0016. Other Schemes of Flood Control Commission27112.502.502.712.712.752.7516.02 Maintenance of Flood Protection Works of Kosi and Gandak Projects36016.006.003.743.745.245.2416.03 Others Extension of embankments on Lalbakeya, Kamla, Bagmati and Khando Rivers360114.0014.006.006.0032.2532.2517. Cooperation with Neighbouring Countries70al2.5022.5012.4512.4540.2440.2417. Cloperation with Bangladesh and Neighbouring Countries27112.502.500.640.641.501.50												
Sectors         7601          3.00         3.00          1.50         1.50          3.00         3.00           16. Other Schemes of Flood Control Commission         2711         2.50          2.50         2.71          2.75          2.75           16.02 Maintenance of Flood Protection Works of Kosi and Gandak Projects         3601         6.00          6.00         3.74          3.74         5.24          5.24           16.03 Others         Extension of embankments on Lalbakeya, Kamla, Bagmati and Khando Rivers         3601         14.00          14.00         6.00          6.00         32.25          32.25           17. Cooperation with Neighbouring Countries         Total         22.50          22.50         12.45          12.45         40.24          40.24           17. Ol Joint Observations on rivers common with Bangladesh and Neighbouring Countries         2711         2.50          2.50         0.64         1.50          1.50	15. Emergent flood protection	, 5101	,00.00		100.00			00.00	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,			
16. Other Schemes of Flood Control 16.01 Ganga Flood Control Commission       2711       2.50        2.50       2.71        2.71       2.75        2.75         16.02 Maintenance of Flood Protection Works of Kosi and Gandak Projects       3601       6.00        6.00       3.74        3.74       5.24        5.24         16.03 Others       Extension of embankments on Lalbakeya, Kamla, Bagmati and Khando Rivers       3601       14.00        14.00       6.00        6.00       32.25        32.25         17. Cooperation with Neighbouring Countries       70tal       22.50        22.50       12.45       12.45       40.24        40.24         17. Others       Extension on rivers common with Bangladesh and Neighbouring Countries       2711       2.50        2.50       0.64        0.64       1.50        1.50		7004		0.00	0.00		4 50	4 50		0.00	0.00	
16.01 Ganga Flood Control Commission       2711       2.50        2.51        2.71        2.71       2.75        2.75         16.02 Maintenance of Flood Protection Works of Kosi and Gandak Projects       3601       6.00        6.00       3.74        3.74       5.24        5.24         16.03 Others       Extension of embankments on Lalbakeya, Kamla, Bagmati and Khando Rivers       3601       14.00        14.00       6.00        6.00       32.25        32.25         17. Cooperation with Neighbouring Countries       70tal       22.50        22.50       12.45        12.45       40.24        40.24         17. Cooperation with Neighbouring Countries       2711       2.50        2.50       0.64        0.64       1.50        1.50		7601		3.00	3.00		1.50	1.50		3.00	3.00	
16.02 Maintenance of Flood Protection Works of Kosi and Gandak Projects36016.006.003.743.745.245.2416.03 Others Extension of embankments on Lalbakeya, Kamla, Bagmati and Khando Rivers360114.0014.006.006.0032.2532.2517. Cooperation with Neighbouring Countries 17.01 Joint Observations on rivers common with Bangladesh and Neighbouring Countries27112.5022.500.640.641.501.50												
Protection Works of Kosi and Gandak Projects36016.006.003.743.745.245.2416.03 Others Extension of embankments on Lalbakeya, Kamla, Bagmati and Khando Rivers360114.0014.006.006.0032.2532.2517. Cooperation with Neighbouring Countries 17.01 Joint Observations on rivers common with Bangladesh and Neighbouring Countries27112.502.500.640.641.501.50		2711	2.50		2.50	2.71		2.71	2.75		2.75	
16.03 Others Extension of embankments on Lalbakeya, Kamla, Bagmati and Khando Rivers360114.0014.006.006.0032.2532.25Total22.5022.5012.4512.4540.2440.2417. Cooperation with Neighbouring Countries 17.01 Joint Observations on rivers common with Bangladesh and Neighbouring Countries27112.502.500.640.641.501.50												
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on Lalbakeya, Kamla, Bagmati and Khando Rivers       3601       14.00        14.00       6.00        6.00       32.25        32.25         Total       22.50        22.50       12.45        12.45       40.24        40.24         17. Cooperation with Neighbouring Countries        22.50        22.50       12.45        12.45       40.24        40.24         17.01 Joint Observations on rivers common with Bangladesh and Neighbouring Countries       2711       2.50        2.50       0.64        0.64       1.50        1.50												
Total       22.50        22.50       12.45        12.45       40.24        40.24         17. Cooperation with Neighbouring Countries       17.01 Joint Observations on rivers common with Bangladesh and Neighbouring Countries       2711       2.50        22.50       12.45        12.45       40.24        40.24												
17. Cooperation with Neighbouring Countries 17.01 Joint Observations on rivers common with Bangladesh and Neighbouring Countries27112.500.641.501.50	Bagmati and Khando Rivers											
Countries17.01 Joint Observations on rivers common with Bangladesh and Neighbouring Countries27112.502.500.640.641.501.50	17. Cooperation with Neiahbouring	í otal	22.50		22.50	12.45		12.45	40.24		40.24	
common with Bangladesh and Neighbouring Countries27112.502.500.640.641.501.50	Countries											
and Neighbouring Countries 2711 2.50 2.50 0.64 0.64 1.50 1.50												
	0	2711	2.50		2.50	0.64		0.64	1.50		1.50	
						I						

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	Major Head			Budget 2005-2006 Plan Non-Plan Total			Revised 2005-2006 Plan Non-Plan Total			<i>(In crores of Rupees)</i> Budget 2006-2007 Plan Non-Plan Total		
- 17.02 Survey and Investigation of Kosi High Dam Project		7.00		7.00	9.00		9.00	13.90		13.90		
17.03 Pancheswar Multipurpose Projects	2711 <i>Total</i>	2.50 12.00		2.50 12.00	2.07		2.07 11.71	2.13 <i>17.5</i> 3		2.13 17.53		
Total - Flood Control	i Ulai	168.87	 34.29	<b>203.16</b>	131.21	 35.39	166.60	194.99	 35.09	230.08		
<ol> <li>Provision under schemes for the benefit of North Eastern States and Sikkim</li> </ol>												
18.01 Monitoring of Water Quali of Rivers in India 18.02 Strengthening of Monitorir	2552							0.10		0.10		
Organisations 18.03 Data collection from Key	2552							0.15		0.15		
Hydrological Stations 18.04 Studies on Reservoir Sedimentation, River Morphology and Other	2552							0.80		0.80		
Remote Sensing Application 18.05 Investigation for WR Development in North	ons 2552							0.10		0.10		
Eastern States 18.06 Research and Developme	2552 ent							0.44		0.44		
Programme 18.07 Geo Technical Investigation								0.50		0.50		
for River Valley Project 18.08 National Institute of Hydro 18.09 Ground Water Survey		···· ···			 			0.20 0.20		0.20 0.20		
Exploration and Investigat 18.10 R & D Schemes under C/ 18.11 Command Area Developm	AD 2552	 	 	 	 	 	 	6.60 0.10	 	6.60 0.10		
Programme 18.12 Strengthening and	2552							6.50		6.50		
Modernisation of FF & HC 18.13 Rationalisation of Minor								3.66		3.66		
Irrigation Statistics 18.14 Grants-in-aid to	2552							1.00		1.00		
Brahmaputra Board 18.15 Pagladia Dam Project 18.16 New Schemes for Majuli Island in Assam, Dihang	2552 2552	21.76 1.00		21.76 1.00	21.00 3.00		21.00 3.00	28.12 5.00		28.12 5.00		
Project, etc. 18.17 Acquision of Land & Build	2552 Total	40.00 62.76	 	40.00 <i>62.76</i>	26.00 <i>50.00</i>	···· ···	26.00 <i>50.00</i>	14.45 67.92	···· ···	14.45 67.92		
for CGWB 18.18 Schemes for Construction of non-residential/resident	4552							0.40		0.40		
office Buildings of CWC	4552 Total					 	····	2.00 2.40		2.00 2.40		
Total - Provision under schemes the benefit of North Eastern States and Sikkim	for	62.76		62.76	50.00		50.00	70.32		70.32		
Other Transport Services 19. Farakka Barrage Project	3075		23.32	23.32		22.73	22.73		23.67	23.67		
20. Non- Plan loan to Public Enterp	5075 Total orises	30.40 <i>30.40</i>	-1.20 22.12	29.20 52.52	30.40 <i>30.40</i>	-1.20 21.53	29.20 51.93	31.00 <i>31.00</i>	-1.20 22.47	29.80 53.47		
20.01 National Projects Constru Corp. Ltd.	ction 6701		15.80	15.80		15.80	15.80		15.80	15.80		
<i>Grand Total</i> C. Plan Outlay	Head of	<b>621.00</b> Budget	<b>253.56</b> I.E.B.R	<b>874.56</b> Total	500.00	<b>248.00</b> I.E.B.R	<b>748.00</b> Total	700.00 Budget	<b>261.51</b> I.E.B.R	<b>961.51</b> Total		
Central Plan 1. Secretariat-Economic services	Dev. 13451	Support 3.50		3.50	Support 1.24		1.24	Support 12.13		12.13		
2. Major and Medium Irrigation	12701	82.83		82.83	66.14		66.14	111.52		111.52		
3. Minor Irrigation	12702	72.64		72.64	62.51		62.51	80.94		80.94		
4. Command Area Development	12705	200.00		200.00	158.50		158.50	199.10		199.10		
5. Flood Control	12711	168.87		168.87	131.21		131.21	194.99		194.99		
6. Other Transport Services	13075	30.40		30.40	30.40		30.40	31.00		31.00		
7. North Eastern Areas	22552	62.76		62.76	50.00		50.00	70.32		70.32		
Total		621.00		621.00	500.00		500.00	700.00		700.00		

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1. Secretariat-Economic Services: Non-Plan provision is for the secretariat expenditure of the Ministry. The Plan outlay is meant for "Information Technology Development", Project Secretariat Unit (PSU) of "Hydrology Project Phase-II" which is an externally aided scheme and "Water Quality Assessment Authority".

## Major and Medium Irrigation

2. Central Water Commission: It has the responsibility of giving advice, in consultation with the State Governments concerned, on initiating, coordinating and furthering schemes for the control, conservation and utilisation of water resources for the purpose of irrigation, navigation and flood control throughout the country. Being the premier technical organisation in the country in the field of development and utilisation of water resources, it plays an important role in the field of planning, investigation, design and research in connection with multipurpose river valley and flood control projects.

3. Central Soil & Materials Research Station: The Central Soil & Materials Research Station (CSMRS) is the premier organisation in the country dealing with field exploration, laboratory investigations, basic and applied research in the realm of geomechanics, concrete technology and materials of construction relevant to River Valley Projects.

4. **Central Water and Power Research Station**: The Central Water and Power Research Station (CWPRS), established in 1916, is responsible for conducting applied research in the field of river engineering, ship-dynamics, hydraulic machinery, stratified flows, foundation and structure, geo-techniques, earthquake engineering, mathematical modelling and instrumentation. It is one of the largest institutions of its kind in the world and the premier engineering research institution in the country.

5. **National Water Development Agency**: National Water Development Agency is entrusted with the task of conducting detailed survey and investigation for feasibility of inter-basin transfers of surplus water to meet the requirements of drought prone areas in the peninsular river systems. It also includes provision for preparation of Detailed Project Reports and Task Force on inter-linking of rivers.

6. **National Institute of Hydrology**: The National Institute of Hydrology deals with fundamental and applied research in the field of Hydrology.

7. **Research & Development Programme**: Grants-in-aid are given to various autonomous bodies and State research institutions for carrying out research schemes relating to water resources.

#### 8. Other Schemes of Major and Medium Irrigation:

8.01 **Boards and Committees:** This includes provision for Sardar Sarovar Construction Advisory Committee, Bansagar Control Board and Upper Yamuna River Board. The expenditure in respect of these Organisations is recovered from the participating States.

8.02 For giving grants to Central Pollution Control Board and Bhakhra Beas Management Board for implementation of Hydrology Project Phase-II.

9. Assistance for Sutlej-Yamuna Link Canal Project: Provision of Rs.25.00 crore has been made for this project in BE 2006-07 for undertaking balance works on the project.

#### **Minor Irrigation**

10. **Central Ground Water Board:** Central Ground Water Board is responsible for undertaking hydrogeological surveys and exploratory drilling for delineating the ground water worthy areas in the country and assisting the States in the preparation of ground water development schemes. This also includes a provision for the Central Ground Water Authority, which has been set up under Section 5 of the Environment (Protection) Act, 1986.

11. **Surface Water Schemes:** The provision is for releasing grants to States and Union Territories for the scheme "Census of Rationalisation of Minor Irrigation Statistics".

12. **Command Area Development Programme:** The Command Area Development Programme has been in operation since 1974-75 as a Centrally Sponsored Programme. Much emphasis has been assigned to the programme in view of Government of India's resolve to raise foodgrain production in the coming years to meet the increasing need of food for growing population. Keeping in view the emerging requirements the Scheme has been restructured and renamed as Command Area Development and Water Management (CADWM) Programme w.e.f. 1.4.2004 for implementation during the remaining period of Xth Plan with the objective of ensuring efficient utilization of created irrigated potential and optimizing agricultural production from irrigated lands.

### **Flood Control**

13. **Central Water Commission:** This includes provision for establishment, maintenance and modernisation of Flood Forecasting and Warning Centres at key sites on important inter-State river basins under the Central Water Commission. The Flood Forecasting work, which was taken up during the 4th Plan period in the flood prone basins of Ganga, Brahmaputra, Narmada, Tapti, Teesta and the coastal rivers of Orissa, has been extended to cover the Godavari, Damodar, Krishna, Mahi and the Sabarmati rivers due to its proven usefulness. The Flood Forecasts issued by the Central Water Commission through its network of hydrometeorological stations and wireless stations are of great help to the local authorities in flood management and in minimising the flood damages.

The Commission is also entrusted with the responsibility of undertaking and executing specific schemes on behalf of Indo-Bangladesh Joint Rivers Commission.

### 14. Flood Control Works in States

14.01 **Critical Anti-erosion Works in Ganga Basin States:** Provision is meant for critical anti-erosion works in Ganga Basin States.

15. Emergent flood protection works in Eastern and Western Sectors: The Non-Plan provision represents special loan assistance to States for emergent flood protection works in the Eastern and Western Sectors of the country.

16. Other Schemes of Flood Control: This includes provision for the Ganga Flood Control Commission which is engaged in Master Plan preparation of Flood Control in Ganga Basin and for fundamental and basic research on Flood Control projects. This also includes provision for maintenance of flood protection works of Kosi and Gandak Projects; extension of embankments on Lalbakeya, Kamla, Bagmati and Khando Rivers.

17. **Cooperation with Neighbouring Countries:** The provision is meant for survey and investigation of schemes/projects on rivers common with neighbouring countries viz. Nepal, Bhutan and Bangladesh.

18. The provision is meant for schemes for the benefit of North Eastern States and Sikkim.

#### **Transport Sector**

19. **Farakka Barrage Project:** The Farakka Barrage Project, which is essentially a transport sector project, is being implemented by this Ministry. The main barrage at Farakka across river Ganga and barrage on Bhagirathi near Jangipur, a road-cum-rail bridge and feeder canal taking off from the barrage and falling into Bhagirathi, were completed in 1975. The navigation lock at Farakka has been dedicated to the nation in 1987. With the completion of the lock at Farakka, inland navigation route from Haldia to Farakka and from Patna to Allahabad has been restored.

## 20. Non-Plan Loan to Public Enterprises

20.01 National Projects Construction Corporation Limited: The provision is for Non-Plan loan to National Projects Construction Corporation Ltd. to enable it to make payment of salaries/wages to its employees.