

**MINISTRY OF WATER RESOURCES****DEMAND NO.84****Ministry of Water Resources**

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

|  |                  | <i>(In crores of Rupees)</i> |               |                   |               |               |                  |               |               |               |
|--|------------------|------------------------------|---------------|-------------------|---------------|---------------|------------------|---------------|---------------|---------------|
| Major Head                                 | Budget 2000-2001 |                              |               | Revised 2000-2001 |               |               | Budget 2001-2002 |               |               |               |
|  | Plan             | Non-Plan                     | Total         | Plan              | Non-Plan      | Total         | Plan             | Non-Plan      | Total         |               |
| Revenue                                    | 413.17           | 199.50                       | 612.67        | 392.50            | 198.00        | 590.50        | 466.26           | 212.37        | 678.63        |               |
| Capital                                    | 62.25            | 7.00                         | 69.25         | 32.50             | 22.00         | 54.50         | 33.74            | 16.00         | 49.74         |               |
| <b>Total</b>                               | <b>475.42</b>    | <b>206.50</b>                | <b>681.92</b> | <b>425.00</b>     | <b>220.00</b> | <b>645.00</b> | <b>500.00</b>    | <b>228.37</b> | <b>728.37</b> |               |
| 1. Secretariat-Economic services           | 3451             | 2.30                         | 10.24         | 12.54             | 1.70          | 10.75         | 12.45            | 1.74          | 10.95         | 12.69         |
| <b>Major and Medium Irrigation</b>         |                  |                              |               |                   |               |               |                  |               |               |               |
| 2. Central Water Commission                | 2701             | 18.96                        | 66.53         | 85.49             | 17.15         | 68.74         | 85.89            | 20.58         | 71.25         | 91.83         |
|  | 4701             | 0.85                         | ...           | 0.85              | 0.85          | ...           | 0.85             | ...           | ...           | ...           |
|  | <i>Total</i>     | <i>19.81</i>                 | <i>66.53</i>  | <i>86.34</i>      | <i>18.00</i>  | <i>68.74</i>  | <i>86.74</i>     | <i>20.58</i>  | <i>71.25</i>  | <i>91.83</i>  |
| 3. Central Soil & Materials                |                  |                              |               |                   |               |               |                  |               |               |               |
| Research Station                           | 2701             | 4.35                         | 3.91          | 8.26              | 4.55          | 3.87          | 8.42             | 6.23          | 4.06          | 10.29         |
|  | 4701             | 0.90                         | ...           | 0.90              | 0.70          | ...           | 0.70             | 0.30          | ...           | 0.30          |
|  | <i>Total</i>     | <i>5.25</i>                  | <i>3.91</i>   | <i>9.16</i>       | <i>5.25</i>   | <i>3.87</i>   | <i>9.12</i>      | <i>6.53</i>   | <i>4.06</i>   | <i>10.59</i>  |
| 4. Central Water and Power                 |                  |                              |               |                   |               |               |                  |               |               |               |
| Research Station                           | 2701             | 3.72                         | 12.98         | 16.70             | 2.90          | 13.11         | 16.01            | 1.83          | 13.60         | 15.43         |
|  | 4701             | 2.20                         | ...           | 2.20              | 2.90          | ...           | 2.90             | 4.44          | ...           | 4.44          |
|  | <i>Total</i>     | <i>5.92</i>                  | <i>12.98</i>  | <i>18.90</i>      | <i>5.80</i>   | <i>13.11</i>  | <i>18.91</i>     | <i>6.27</i>   | <i>13.60</i>  | <i>19.87</i>  |
| 5. National Water Development Agency       | 2701             | 12.50                        | ...           | 12.50             | 13.30         | ...           | 13.30            | 15.00         | ...           | 15.00         |
| 6. National Institute of Hydrology         | 2701             | 3.62                         | 3.20          | 6.82              | 2.30          | 3.06          | 5.36             | 4.40          | 3.23          | 7.63          |
| 7. Research and Development                |                  |                              |               |                   |               |               |                  |               |               |               |
| Programme                                  | 2701             | 1.70                         | ...           | 1.70              | 2.14          | ...           | 2.14             | 2.36          | ...           | 2.36          |
| 8. Others                                  | 2701             | ...                          | 0.56          | 0.56              | 0.24          | 1.38          | 1.62             | ...           | 1.50          | 1.50          |
| 9. Non-Plan Grants to States               |                  |                              |               |                   |               |               |                  |               |               |               |
| 9.01 Assistance for Sutlej                 |                  |                              |               |                   |               |               |                  |               |               |               |
| Yamuna Link Canal Project                  | 3601             | ...                          | 8.00          | 8.00              | ...           | 1.00          | 1.00             | ...           | 8.00          | 8.00          |
| <b>Total - Major and Medium Irrigation</b> |                  | <b>48.80</b>                 | <b>95.18</b>  | <b>143.98</b>     | <b>47.03</b>  | <b>91.16</b>  | <b>138.19</b>    | <b>55.14</b>  | <b>101.64</b> | <b>156.78</b> |
| <b>Minor Irrigation</b>                    |                  |                              |               |                   |               |               |                  |               |               |               |
| 10. Central Ground Water Board             | 2702             | 80.17                        | 41.79         | 121.96            | 82.12         | 43.14         | 125.26           | 74.57         | 44.43         | 119.00        |
|  | 4702             | 2.00                         | ...           | 2.00              | 1.55          | ...           | 1.55             | 3.00          | ...           | 3.00          |
|  | <i>Total</i>     | <i>82.17</i>                 | <i>41.79</i>  | <i>123.96</i>     | <i>83.67</i>  | <i>43.14</i>  | <i>126.81</i>    | <i>77.57</i>  | <i>44.43</i>  | <i>122.00</i> |
| 11. Ground Water Schemes                   | 3601             | ...                          | ...           | ...               | ...           | ...           | ...              | ...           | ...           | ...           |
| 12. Surface Water Schemes                  | 2702             | 0.24                         | ...           | 0.24              | 0.24          | ...           | 0.24             | 0.26          | ...           | 0.26          |
|  | 3601             | 2.83                         | ...           | 2.83              | 4.63          | ...           | 4.63             | 6.50          | ...           | 6.50          |
|  | 3602             | 0.03                         | ...           | 0.03              | 0.13          | ...           | 0.13             | 0.25          | ...           | 0.25          |
|  | <i>Total</i>     | <i>3.10</i>                  | <i>...</i>    | <i>3.10</i>       | <i>5.00</i>   | <i>...</i>    | <i>5.00</i>      | <i>7.01</i>   | <i>...</i>    | <i>7.01</i>   |
| <b>Total - Minor Irrigation</b>            |                  | <b>85.27</b>                 | <b>41.79</b>  | <b>127.06</b>     | <b>88.67</b>  | <b>43.14</b>  | <b>131.81</b>    | <b>84.58</b>  | <b>44.43</b>  | <b>129.01</b> |
| 13. Command Area Development               | 2705             | 4.50                         | ...           | 4.50              | 4.25          | ...           | 4.25             | 4.90          | ...           | 4.90          |
|  | 3601             | 156.38                       | ...           | 156.38            | 115.49        | ...           | 115.49           | 182.29        | ...           | 182.29        |
|  | 7601             | ...                          | ...           | ...               | ...           | ...           | ...              | ...           | ...           | ...           |
|  | <i>Total</i>     | <i>160.88</i>                | <i>...</i>    | <i>160.88</i>     | <i>119.74</i> | <i>...</i>    | <i>119.74</i>    | <i>187.19</i> | <i>...</i>    | <i>187.19</i> |
| <b>Flood Control</b>                       |                  |                              |               |                   |               |               |                  |               |               |               |
| 14. Central Water Commission               | 2711             | 25.07                        | 30.90         | 55.97             | 29.98         | 31.31         | 61.29            | 27.87         | 32.88         | 60.75         |
|  | 4711             | 3.00                         | ...           | 3.00              | 3.00          | ...           | 3.00             | 3.50          | ...           | 3.50          |
|  | <i>Total</i>     | <i>28.07</i>                 | <i>30.90</i>  | <i>58.97</i>      | <i>32.98</i>  | <i>31.31</i>  | <i>64.29</i>     | <i>31.37</i>  | <i>32.88</i>  | <i>64.25</i>  |
| 15. Flood control works in                 |                  |                              |               |                   |               |               |                  |               |               |               |
| Brahmaputra Valley                         |                  |                              |               |                   |               |               |                  |               |               |               |
| 15.01 Grants-in-aid to Brahmaputra         |                  |                              |               |                   |               |               |                  |               |               |               |
| Board                                      | 2711             | 15.50                        | ...           | 15.50             | 17.40         | ...           | 17.40            | 20.00         | ...           | 20.00         |
| 15.02 Grants-in-aid for Flood Control      |                  |                              |               |                   |               |               |                  |               |               |               |
| works in Brahmaputra and                   |                  |                              |               |                   |               |               |                  |               |               |               |
| Barak Valley                               | 3601             | ...                          | ...           | ...               | 25.00         | ...           | 25.00            | 25.00         | ...           | 25.00         |
|  | 7601             | 30.00                        | ...           | 30.00             | ...           | ...           | ...              | ...           | ...           | ...           |
|  | <i>Total</i>     | <i>30.00</i>                 | <i>...</i>    | <i>30.00</i>      | <i>25.00</i>  | <i>...</i>    | <i>25.00</i>     | <i>25.00</i>  | <i>...</i>    | <i>25.00</i>  |
| <b>Total : Flood Control Works in</b>      |                  |                              |               |                   |               |               |                  |               |               |               |
| <b>Brahmaputra Valley</b>                  |                  | <b>45.50</b>                 | <b>...</b>    | <b>45.50</b>      | <b>42.40</b>  | <b>...</b>    | <b>42.40</b>     | <b>45.00</b>  | <b>...</b>    | <b>45.00</b>  |
| 16. Flood Control Works in States          |                  |                              |               |                   |               |               |                  |               |               |               |
| 16.01 Grants for Flood Proofing            |                  |                              |               |                   |               |               |                  |               |               |               |
| Programmes                                 | 3601             | 2.10                         | ...           | 2.10              | 1.00          | ...           | 1.00             | 1.00          | ...           | 1.00          |

|   |                  | (In crores of Rupees) |               |                   |                   |               |                  |                   |               |               |
|---|------------------|-----------------------|---------------|-------------------|-------------------|---------------|------------------|-------------------|---------------|---------------|
| Major Head  | Budget 2000-2001 |                       |               | Revised 2000-2001 |                   |               | Budget 2001-2002 |                   |               |               |
|   | Plan             | Non-Plan              | Total         | Plan              | Non-Plan          | Total         | Plan             | Non-Plan          | Total         |               |
| 16.02 Critical anti-erosion works<br>in Ganga Basin States  | 3601             | 23.00                 | ...           | 23.00             | 23.00             | ...           | 23.00            | 20.00             | ...           | 20.00         |
| <i>Total</i>  |                  | <i>25.10</i>          | ...           | <i>25.10</i>      | <i>24.00</i>      | ...           | <i>24.00</i>     | <i>21.00</i>      | ...           | <i>21.00</i>  |
| 17. Emergent flood protection works<br>in Eastern & Western Sectors                                 | 7601             | ...                   | 3.00          | 3.00              | ...               | 3.00          | 3.00             | ...               | 3.00          | 3.00          |
| 18. Other Schemes of Flood Control  |                  |                       |               |                   |                   |               |                  |                   |               |               |
| 18.01 Ganga Flood Control<br>Commission   | 2711             | 1.60                  | ...           | 1.60              | 1.95              | ...           | 1.95             | 2.09              | ...           | 2.09          |
| 18.02 Maintenance of Flood<br>Protection Works of<br>Kosi and Gandak Projects                       | 2711             | 5.00                  | ...           | 5.00              | 5.00              | ...           | 5.00             | 3.71              | ...           | 3.71          |
| 18.03 Pagladia Dam Project  | 2711             | 40.00                 | ...           | 40.00             | 17.00             | ...           | 17.00            | 27.00             | ...           | 27.00         |
| 18.04 Others  | 2711             | 3.20                  | ...           | 3.20              | 4.29              | ...           | 4.29             | 2.85              | ...           | 2.85          |
|   | 3601             | 1.20                  | ...           | 1.20              | 11.00             | ...           | 11.00            | 5.00              | ...           | 5.00          |
| <i>Total</i>  |                  | <i>4.40</i>           | ...           | <i>4.40</i>       | <i>15.29</i>      | ...           | <i>15.29</i>     | <i>7.85</i>       | ...           | <i>7.85</i>   |
| <b>Total : Other Schemes of<br/>Flood Control</b>   |                  | <b>51.00</b>          | ...           | <b>51.00</b>      | <b>39.24</b>      | ...           | <b>39.24</b>     | <b>40.65</b>      | ...           | <b>40.65</b>  |
| 19. Cooperation with Neighbouring<br>Countries  |                  |                       |               |                   |                   |               |                  |                   |               |               |
| 19.01 Observations on rivers common<br>with Nepal & Bangladesh                                      | 2711             | 1.00                  | ...           | 1.00              | 0.50              | ...           | 0.50             | 1.00              | ...           | 1.00          |
| 19.02 Survey and Investigation of<br>Kosi High Dam Project  | 2711             | 0.50                  | ...           | 0.50              | 0.30              | ...           | 0.30             | 1.00              | ...           | 1.00          |
| 19.03 Pancheswar Multipurpose<br>Projects   | 2711             | 3.00                  | ...           | 3.00              | 4.50              | ...           | 4.50             | 8.35              | ...           | 8.35          |
| 19.04 Manas Teesta Link Canal   | 2711             | 0.70                  | ...           | 0.70              | 0.44              | ...           | 0.44             | 0.48              | ...           | 0.48          |
| <b>Total :Cooperation with<br/>Neighbouring Countries</b>   |                  | <b>5.20</b>           | ...           | <b>5.20</b>       | <b>5.74</b>       | ...           | <b>5.74</b>      | <b>10.83</b>      | ...           | <b>10.83</b>  |
| <b>Total - Flood Control</b>  |                  | <b>154.87</b>         | <b>33.90</b>  | <b>188.77</b>     | <b>144.36</b>     | <b>34.31</b>  | <b>178.67</b>    | <b>148.85</b>     | <b>35.88</b>  | <b>184.73</b> |
| <b>Other Transport Services</b>   |                  |                       |               |                   |                   |               |                  |                   |               |               |
| 20. Farakka Barrage Project   | 3075             | ...                   | 21.39         | 21.39             | ...               | 21.64         | 21.64            | ...               | 22.47         | 22.47         |
|   | 5075             | 21.50                 | -1.00         | 20.50             | 21.50             | -1.00         | 20.50            | 21.50             | -1.00         | 20.50         |
| <i>Total</i>  |                  | <i>21.50</i>          | <i>20.39</i>  | <i>41.89</i>      | <i>21.50</i>      | <i>20.64</i>  | <i>42.14</i>     | <i>21.50</i>      | <i>21.47</i>  | <i>42.97</i>  |
| 21. Non- Plan loan to Public Enterprises  |                  |                       |               |                   |                   |               |                  |                   |               |               |
| 21.01 National Projects<br>Construction Corp. Ltd.  | 6701             | ...                   | 5.00          | 5.00              | ...               | 20.00         | 20.00            | ...               | 14.00         | 14.00         |
| 22. Investments in Public Enterprises/<br>Financial Institutions                                    |                  |                       |               |                   |                   |               |                  |                   |               |               |
| 22.01 National Projects Construction<br>Corporation   | 6701             | 1.80                  | ...           | 1.80              | 2.00              | ...           | 2.00             | 1.00              | ...           | 1.00          |
| <b>Grand Total</b>  |                  | <b>475.42</b>         | <b>206.50</b> | <b>681.92</b>     | <b>425.00</b>     | <b>220.00</b> | <b>645.00</b>    | <b>500.00</b>     | <b>228.37</b> | <b>728.37</b> |
| <b>B. Investment in Public Enterprises</b>  | Head of<br>Dev.  | Budget<br>Support     | I.E.B.R       | Total             | Budget<br>Support | I.E.B.R       | Total            | Budget<br>Support | I.E.B.R       | Total         |
| 22.01 National Projects Construction<br>Corp. Ltd.  | 12701            | 1.80                  | ...           | 1.80              | 2.00              | ...           | 2.00             | 1.00              | ...           | 1.00          |
| 22.02 NABARD (Contribution to<br>Special Loan Account for<br>Command Area Development<br>Programme) | 12705            | ...                   | ...           | ...               | ...               | ...           | ...              | ...               | ...           | ...           |
| 22.03 WAPCOS (Issue of Bonus<br>Shares)   | 12701            | ...                   | ...           | ...               | ...               | ...           | ...              | ...               | ...           | ...           |
| <i>Total</i>  |                  | <i>1.80</i>           | ...           | <i>1.80</i>       | <i>2.00</i>       | ...           | <i>2.00</i>      | <i>1.00</i>       | ...           | <i>1.00</i>   |
| <b>C. Plan Outlay</b>   |                  |                       |               |                   |                   |               |                  |                   |               |               |
| <b>Central Plan</b>   |                  |                       |               |                   |                   |               |                  |                   |               |               |
| 1. Secretariat-Economic services  | 13451            | 2.30                  | ...           | 2.30              | 1.70              | ...           | 1.70             | 1.74              | ...           | 1.74          |
| 2. Major and Medium Irrigation  | 12701            | 50.60                 | ...           | 50.60             | 49.03             | ...           | 49.03            | 56.14             | ...           | 56.14         |
| 3. Minor Irrigation   | 12702            | 85.27                 | ...           | 85.27             | 88.67             | ...           | 88.67            | 84.58             | ...           | 84.58         |
| 4. Command Area Development   | 12705            | 160.88                | ...           | 160.88            | 119.74            | ...           | 119.74           | 187.19            | ...           | 187.19        |
| 5. Flood Control  | 12711            | 154.87                | ...           | 154.87            | 144.36            | ...           | 144.36           | 148.85            | ...           | 148.85        |
| 6. Other Transport Services   | 13075            | 21.50                 | ...           | 21.50             | 21.50             | ...           | 21.50            | 21.50             | ...           | 21.50         |
| <i>Total</i>  |                  | <i>475.42</i>         | ...           | <i>475.42</i>     | <i>425.00</i>     | ...           | <i>425.00</i>    | <i>500.00</i>     | ...           | <i>500.00</i> |
| <b>State Plan</b>   | <b>43601</b>     | ...                   | ...           | ...               | ...               | ...           | ...              | ...               | ...           | ...           |
| <b>TOTAL</b>  |                  | <b>475.42</b>         | ...           | <b>475.42</b>     | <b>425.00</b>     | ...           | <b>425.00</b>    | <b>500.00</b>     | ...           | <b>500.00</b> |

1. **Secretariat-Economic Services:** The provision is for secretariat expenditure of the Ministry. The Plan outlay is meant for "Information and Technology Development of the Ministry and its Organisations" and Project Secretariat Unit (PSU) of "Hydrology Project" which is an externally aided scheme.

#### Major and Medium Irrigation

2. **Central Water Commission:** It is charged with 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. Outlay for Central Water Commission is Rs. 20.58 crore. This includes Rs.1.00 crore for the North Eastern Region and Sikkim.

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 structures, geo-techniques, earthquake engineering, mathematical modelling and instrumentation. It is one of the largest Institution 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.

6. **National Institute of Hydrology:** The National Institute of Hydrology deals with the 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:** These include 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 participant States. Provision for Water and Power Consultancy Services (India) Limited (a Public Sector Undertaking) is meant for utilizing foreign aid.

#### 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 provision for the Central Ground Water Authority, which has been set up under Section 5 of the Environment (Protection) Act, 1986.

11. **Ground Water Schemes:** The provision is meant for Centrally Sponsored Schemes viz. Investigation and Development of Ground Water Resources of East and North-Eastern States. No provision has been made in BE 2001-02.

12. **Surface Water Schemes:** The provision is for releasing

to States and Union Territories for the scheme "Third Census of Minor Irrigation Works".

13. **Command Area Development Programme:** The Command Area Development Programme, launched by the Government in 1974-75 as a Centrally Sponsored Scheme, is designed to bring about optimum utilisation of the available water, as also to bridge the gap between the irrigation potential created and ultimately utilised. The financing of the CAD Programme is from three sources, viz., Central Assistance, State Government's own resources and institutional credit. Under this programme, grants are given to State Governments for preparation, planning, implementation and supervision of on-farm development works, warabandi, training and evaluation studies and Reclamation of water-logged areas, etc. Grants are also given on matching basis for subsidy of loans to small and marginal farmers on the IRDP pattern for land leveling and shaping, sprinklers and drip irrigation. Assistance under this programme is generally for Major and Medium Irrigation projects. However, for the States of North East, Himachal Pradesh, Jammu & Kashmir and Sikkim, the assistance is also available for Minor Irrigation projects or a cluster of Minor Irrigation projects covering an area of about 250 ha. or above. At present there are 219 projects under the Programme with a CCA of about 22.26 million ha. spread over 23 States and 2 Union Territories. This also includes provision for Research & Development. The outlay for this programme for 2001-2002 is Rs.187.19 crore. This includes Rs.1.50 crore for North Eastern Region and Sikkim.

#### Flood Control

14. **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, Tapi, 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 their net work 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. Outlay for Central Water Commission is Rs.31.37 crore. This includes Rs. 0.70 crore for the North Eastern Region and Sikkim.

#### Flood Control Works in Brahmaputra Valley

15.01 **Brahmaputra Board:** The Brahmaputra Board was constituted by Government of India with the specific objective of preparing Master Plan for the control of floods and bank erosion and improvement to the drainage of the Brahmaputra and the Barak Valleys besides carrying out surveys and investigations for facilitating the preparation of the Master Plan keeping in view the water resources development of the Brahmaputra Basin for multipurpose benefits. The entire expenditure of the Board is met by Central Government in the form of Grants-in-aid. Entire provision of Rs. 20.00 crore is for North Eastern Region.

15.02 **Assistance for flood control works in Brahmaputra and Barak Valley:** Central assistance would be provided during 2001-2002 for execution of flood control works in Brahmaputra and Barak Valley. This would be in the form of grant. An amount of Rs. 25.00 crores has been provided for this purpose in 2001-2002. Entire outlay is meant for North Eastern Region.

#### Flood Control Works in States

16.01 **Flood Proofing Programme:** Under this item, central

assistance in the form of "Grants" is proposed to be released to State Governments for implementation of flood proofing programmes in North Bihar and in other States.

**16.02 Critical anti-erosion Works in Ganga Basin States:** The provision of Rs.20.00 crores is meant for critical anti-erosion works in Ganga Basin States.

**17. 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.

**18. 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 Indo-Nepal Schemes, maintenance of flood protection works of Kosi and Gandak project, Pagladia Dam Project, Harrange Drainage Scheme, extension of embankments on Lalbakeya, Kamla, Bagmati and Khando Rivers, critical anti-erosion works in coastal & other than Ganga Basin States Raising and strengthening of embankments along Kosi and Gandak and Improvement of drainage in Mokama Group of Tals in the Kiul-Arohar River System in Ganga River Basin. Outlay for other schemes of flood control is Rs.40.65 crore. This includes Rs. 28.85 crore for North Eastern Region and Sikkim.

**19. 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.

#### **Transport Sector**

**20. 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.

#### **21. Non-Plan Loan to Public Enterprises**

**21.1 National Projects Construction Corporation Limited:** Provision of Rs.14.00 crore is for Non-Plan loan to National Projects Construction Corporation Ltd. to enable it to make payment of salaries and wages to its employees of idle units.

#### **22. Investment in Public Enterprises/Financial Institutions**

**22.01 National Projects Construction Corporation Ltd.:** This is a joint venture of the Central and State Governments and is engaged in the construction of multi-purpose river valley projects, hydro-electric projects, thermal power projects and irrigation projects.

#### **Accelerated Irrigation Benefits Programme**

This Programme is in operation since 1996-97 for accelerating implementation of on-going irrigation/multipurpose projects on which substantial progress has been made and which are beyond the resources capability of the State Governments. A budget provision of Rs. 2000.00 crore has been made under Grant No.27 of the Ministry of Finance for the year 2001-2002. Releases from this Grant are made by the Ministry of Finance on the recommendations of the Ministry of Water Resources.