


MOST IMMEDIATE

**A-12011/1/2010-NRCD-II
Government of India
Ministry of Environment & Forests
(National River Conservation Directorate)**

New Delhi, dated the 11th February, 2011

Sub: Minutes of the second meeting of the Empowered Steering Committee (ESC) of the National Ganga River Basin Authority (NGRBA) held on 7th February, 2011.

A copy of the Minutes of the second meeting of the Empowered Steering Committee (ESC) of the National Ganga River Basin Authority (NGRBA) held on 7th February, 2011 under the chairmanship of Secretary (Environment & Forests) is forwarded herewith for information/ necessary action.


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Encl: As above

To

ESC:

1. Secretary, Ministry of Environment and Forests, Paryavaran Bhawan, New Delhi.
2. Secretary, Dept of Expenditure, Ministry of Finance, North Block, New Delhi.
3. Secretary, Ministry of Urban Development, Nirman Bhawan, New Delhi.
4. Secretary, Ministry of Water Resources, Shram Shakti Bhawan, New Delhi.
5. Secretary, Ministry of Power, Shram Shakti Bhawan, New Delhi.
6. Secretary, Department of Science and Technology, Technology Bhawan, New Delhi.
7. Secretary, Planning Commission, Yojna Bhawan, New Delhi.
8. Chief Secretary, Uttrakhand Secretariat Dehradun, Uttarakhand.
9. Chief Secretary, Shastri Bhawan, Lucknow, Uttar Pradesh.
10. Chief Secretary, Main Secretariat, Patna, Bihar.
11. Chief Secretary, Project Bhawan, Ranchi, Jharkhand.
12. Chief Secretary, Writers Building, Kolkata, West Bengal.
13. AS&PD, MoEF, Paryavaran Bhawan, New Delhi.
14. AS&FA, MoEF, Paryavaran Bhawan, New Delhi.
15. Chairman, Central Pollution Control Board, Arjun Nagar, New Delhi.
16. Chairman, Central Water Commission, Sewa Bhawan, New Delhi.

For U.P.

1. Shri Alok Ranjan, Principal Secretary, Department of Urban Development & Environment
2. Shri A.K.Srivastava, Managing Director, UP Jal Nigam
3. Shri Ravi Rastogi, Chief Engineer (Ganga), UP Jal Nigam
4. Shri A.K.Dubey, General Manager, UP Jal Nigam, Ghaziabad
5. Shri C.S.Chaudhary, General Manager, UP Jal Nigam, Kanpur
6. Shri A.K.Mittal, General Manager, UP Jal Nigam, Allahabad

West Bengal

7. Shri Debashis Sen, Principal Secretary, Department of Urban Development
8. Shri Ashish Mazumdar, Superintending Engineer, KMW&SA
9. Shri P.K.Raha, Executive Engineer, KMW&SA

Minutes of the 2nd meeting of the Empowered Steering Committee (ESC) of NGRBA held on 7th February, 2011 in Paryavaran Bhawan, New Delhi

The 2nd meeting of the Empowered Steering Committee (ESC) of NGRBA was held on 7th February, 2011 at 3.00 pm in Paryavaran Bhawan, New Delhi under the chairmanship of Secretary, Ministry of Environment & Forests (MoEF). The following project proposals were taken up for consideration:

- (i) Sewerage works in Sewerage District 'E' of Allahabad, UP – Rs. 142 crore
- (ii) Sewerage System and Sewage Treatment Plant (STP) works at Garhmukteshwar, UP – Rs. 46.51 crore
- (iii) Kannauj Sewerage Scheme (Phase-II), UP – Rs. 43.66 crore
- (iv) Prevention of pollution of Ramganga at Moradabad (Phase-I), UP – Rs. 279.91 crore
- (v) Sewerage System & Sewage Treatment Plant (STP) works at Gayeshpur, West Bengal – Rs. 168.67 crore

List of participants is annexed.

2. At the outset, the Chairman welcomed the participants and briefly outlined the need for accomplishing the objectives of Mission Clean Ganga in a time bound manner. In this context, the necessity for taking up sewerage projects in the towns discharging their municipal waste into the river and speedy implementation of the already sanctioned projects was also underlined.

3. Additional Secretary & Financial Adviser, MoEF emphasized that in addition to improved DPR preparation, proper supervision and monitoring to ensure timely completion and quality assurance of the projects is also very important. Joint Secretary, MoEF informed that the States have been asked to appoint Third Party Inspection (TPI) agencies for independent evaluation of projects during implementation. He also informed that the projects under consideration have been appraised by the independent institutes (IIT-Roorkee, IIT-Delhi and AMU) and their observations and suggestions have been incorporated by the States while modifying the DPRs. The Appraisal Reports of the institutions while recommending approval of the respective project proposals have also made some suggestions which the States need to address during implementation.

4. The Chairman requested the State Governments to present their project proposals. The Principal Secretary, Urban Development, Govt. of UP made detailed presentations on the 4 project proposals relating to Sewerage & STP works in Allahabad, Garhmukteshwar, Kannauj & Moradabad. This was followed by a detailed presentation by the Principal Secretary, Urban Development, Govt. of West Bengal on the project proposal pertaining to Gayeshpur town. It was confirmed by the two States that all the 5 project proposals broadly conform to the revised guidelines

for DPR preparation issued by the Ministry and that these projects were necessary for abatement of pollution of the river. It was informed that synergy between NGRBA and other Central/State Sponsored Schemes in the towns have been ensured in these projects to avoid any overlapping/duplication. The States have also initiated the process of preparation of City Sanitation Plans and appointment of TPIs. Public consultations for the 4 projects of UP have been held, while that for the project of Gayeshpur, West Bengal is underway. For attaining sustainability for O&M of the assets created, the Revenue Generation Plan has been prepared for each town and DBO model will be followed for the STPs proposed to be constructed.

5. Detailed deliberations were held on each of the project proposals, on the basis of which various issues were clarified and decisions were taken as mentioned below:

- (i) The Principal Secretaries of UP & West Bengal confirmed that the sewerage works proposed in the project proposals would form an integral part of the City Sanitation Plan under preparation for these 5 towns.
- (ii) The sewerage system has been designed for the next 30 years as per the norms given in the CPHEEO Manual. It was also clarified by the State Governments that while trunk sewers have been proposed for the whole town, branch sewers have been proposed only for the inhabited areas. STPs on the other hand have been proposed for 10 year design period, as they are modular and further capacity can be subsequently added.
- (iii) Since, branch and lateral sewers are being provided under the projects, the State Governments/concerned ULBs would ensure 100% house connections to the sewerage network in the project area. This would lead to full sewage collection & increased revenue generation.
- (iv) It was agreed that all IITs would be included in the list of agencies already circulated by the Ministry to the States for selection of TPI agencies for the projects. The States would pursue with the IITs first for taking up this work, before awarding it to any other agency. It was also confirmed by the State Governments that the TPI agencies would be in place by end of March, 2011 as stipulated.
- (v) Service level benchmarking needs to be ensured by the State Government/ULB to ensure highest levels of quality for treated sewage/industrial effluents.
- (vi) The water quality of the river would be monitored regularly by the respective State Pollution Control Board after completion of the projects to assess the impact of the project on the water quality. It was also informed that under the proposed World Bank assisted NGRBA project, the existing water quality monitoring programme is proposed to be revamped and upgraded.
- (vii) Treated effluent parameters from the STPs need to be regularly monitored and reviewed to ensure that they meet the prescribed standards.

- (viii) State Government, State Pollution Control Board, concerned ULBs and CPCB to work together to ensure effective control of industrial pollution from the units into the river as well as municipal solid waste management in the towns.
- (ix) The States were advised to formulate and implement solid waste management projects in various towns along Ganga following the principles of 3Rs (i.e. reduce, reuse & recycle) to ensure minimal landfill requirement. In this context, the model under implementation in Kanpur could be considered and technical help of CPCB may be sought, if required.
- (x) The State Governments/concerned ULBs will furnish an Addendum to the MoA already signed for inclusion of the following:
 - Commitments from State Government and ULBs to reforms and outcomes
 - Provision for TPI – to ensure quality of work and adherence to the implementation schedule.
 - Time bound commitments on O&M and revenue generation
 - Commitments of ULB to MoUD
 - Regular monitoring at the outlet of the STPs
- (xi) Treated waste water should be reused to the maximum extent possible, either for irrigation or for industrial use. PPP models may also be explored in this regard.
- (xii) The choice of technology shall be left open during the tendering process and shall be guided by the least life cycle cost for ensuring the treated effluent standards. The agency which has appraised the project/IITs could also be consulted in this regard.
- (xiii) The progress of implementation of the already sanctioned projects needs to be expedited so that the works are completed as per the schedule. The States may also explore the possibility of reducing the completion period in the project proposals under consideration, so that the benefits of the projects accrue early.
- (xiv) The State Governments and concerned ULBs shall ensure that there is continuous flow of funds for sustainable O&M of assets being created, as GoI will bear 70% of the O&M cost for only the first five years. Thus, levying of adequate user charges and sewer tax may be given priority to ensure that the commitments made in the O&M Recovery Plan submitted by the State Government/ULB are fulfilled.

6. Based on the deliberations elaborated above and the supporting documents submitted by the State Governments, it was observed that the project proposals broadly conform to the revised guidelines. The following project proposals were accordingly approved by the ESC. It was also decided that 25% of GoI share of the respective capital cost of the projects will be released as the 1st installment, as indicated below:

- (i) Sewerage works in Sewerage District 'E' of Allahabad, UP – Rs. 142 crore
(release of Rs. 23.32 crore)
- (ii) Sewerage System and Sewage Treatment Plant (STP) works at Garhmukteshwar, UP – Rs. 46.51 crore (release of Rs. 7.69 crore)

- (iii) Kannauj Sewerage Scheme (Phase-II), UP – Rs. 43.66 crore (*release of Rs. 7.25 crore*)
- (iv) Prevention of pollution of Ramganga at Moradabad (Phase-I), UP – Rs. 279.91 crore (*release of Rs 44.96 crore*)
- (v) Sewerage System & Sewage Treatment Plant (STP) works at Gayeshpur, West Bengal – Rs. 168.67 crore (*release of Rs. 28 crore*)

The meeting ended with thanks to the Chair.

Annexure

List of participants of the 2nd meeting of the Empowered Steering Committee (ESC) of NGRBA held on 7th February, 2011 in Paryavaran Bhawan, New Delhi

Ministry of Environment & Forests (MoEF)

1. Shri T.Chatterjee, Secretary - in chair
2. Ms. Meera Mehrishi, Additional Secretary & Project Director, NRCD
3. Ms. Gauri Kumar, Additional Secretary & Financial Adviser
4. Shri S.P.Gautam, Chairman, CPCB
5. Shri Rajiv Gauba, Joint Secretary
6. Shri Vivek Wadekar, Director (Finance)
7. Shri Brijesh Sikka, Director, NRCD
8. Shri S.K.Agrawal, Director, NRCD
9. Shri Rajeev Sinha, Director, NRCD
10. Shri B.B.Barman, Director, NRCD
11. Shri Sanjay Kumar Singh, Deputy Director, NRCD
12. Shri Amardeep Raju, Deputy Director, NRCD
13. Shri V.K.Singh, Dy. Director, NRCD
14. Shri D.C.Sharma, Under Secretary (Finance), NRCD
15. Shri C.Uppili, Under Secretary, NRCD
16. Shri K.A.Roy, Project Officer, PMG - NGRBA

Other Central Ministries/Organisations

17. Shri Sudhir Garg, Joint Secretary, Ministry of Water Resources
18. Shri Rajesh Kumar, Chief Engineer, Central Water Commission
19. Shri Anupam Prasad, Director, Central Water Commission
20. Shri R.K.Gupta, Director, Ministry of Power
21. Shri V.K.Chaurasia, Deputy Advisor, CPHEEO, Ministry of Urban Development
22. Dr.(Mrs.), S.N.Khan, Director, Department of Science & Technology
23. Shri Ashok Sharma, Section Officer (PF-II), Department of Expenditure

Government of Uttar Pradesh

24. Shri Alok Ranjan, Principal Secretary, Department of Urban Development & Environment
25. Shri A.K.Srivastava, Managing Director, UP Jal Nigam
26. Shri Ravi Rastogi, Chief Engineer (Ganga), UP Jal Nigam
27. Shri Lakhan Singh, Chief Engineer, UP Jal Nigam, Moradabad
28. Shri C.S.Bhatt, Member Secretary, UP Pollution Control Board
29. Shri A.K.Dubey, General Manager, UP Jal Nigam, Ghaziabad
30. Shri Hukam Singh, Superintending Engineer, UP Jal Nigam, Moradabad
31. Shri C.S.Chaudhary, General Manager, UP Jal Nigam, Kanpur
32. Shri A.K.Mittal, General Manager, UP Jal Nigam, Allahabad
33. Shri J.P.Mani, Project Manager, UP Jal Nigam, Allahabad
34. Shri Y.K.Jain, Project Manager, UP Jal Nigam, Ghaziabad
35. Shri M.C.Tripathi, Project Manager, UP Jal Nigam, Kannauj

36. Shri Yogesh Raizada, Project Engineer, UP Jal Nigam, Moradabad
37. Shri Maharaj Singh, Project Engineer, UP Jal Nigam, Ghaziabad
38. Shri Ramesh Chandra, Project Engineer, UP Jal Nigam, Ghaziabad
39. Shri P.P. Agarwal, Project Engineer, UP Jal Nigam, Moradabad
40. Shri S.K. Verma, A.P.E, UP Jal Nigam, Kannuj

Government of West Bengal

41. Shri Debashis Sen, Principal Secretary, Department of Urban Development
42. Shri Ashish Mazumdar, Superintending Engineer, KMW&SA
43. Shri P.K. Raha, Executive Engineer, KMW&SA

External Experts

44. Shri A.K. Mittal, Associate Professor, IIT, Delhi
45. Shri Arun Kumar, Head, AHEC, IIT, Roorkee
46. Shri V.K. Gupta, IIT, Roorkee
47. Shri Nadeem Khalil, Assistant Professor, AMU
