

INDIA
Capacity Building for Industrial Pollution Management Project
Second Implementation Review Mission: October 12 - 31, 2011

Aide Mémoire

I. Introduction and Objectives

1. The second Implementation Review mission of this project was undertaken over the period October 12-31, 2011 which included discussions with the Ministry of Environment and Forests (MoEF), Pollution Control Boards of Andhra Pradesh and West Bengal, field visits to some of the pilot sites and meetings with key stakeholders and remediation design consultants. Wrap-up meetings were held with the Secretary, MoEF, Principal Secretary, Environment, Government of West Bengal, Special Chief Secretary, Government of Andhra Pradesh and the Department of Economic Affairs. The list of people met during the mission is presented in Annex II.

2. The objectives of the mission were: (i) Review overall status of implementation, since last review mission; (ii) participate in consultations with key stakeholders and remediation design consultants for pilot sites (iii) assess implementation of social and communication activities around pilot sites and (iv) review financial management and procurement arrangements and disbursement and procurement plans.

3. The Aide Memoire summarizes the discussions and agreed next steps. The World Bank project mission team¹ wishes to thank the officials from MoEF and the Governments of Andhra Pradesh and West Bengal for their support, commitment and cooperation.

II. Key Project Data

Project Data		Project Performance Ratings			
Board Approval:	3 June 2010	<i>Summary Ratings:</i>		<i>Last</i>	<i>Now</i>
Effectiveness Date:	13 October 2010				
Original Closing Date:	30 September 2015	Achievement of Project Development Objectives	S	MS	
MTR Date:	30 June 2013	Implementation Progress	S	S	
Original Grant Amount:	\$ 64.15m				
Amount Disbursed:	\$ 5.7m				

III. Project Development Objectives

4. The *development objective* of the project is to build capacity in selected state agencies for undertaking environmentally sound remediation of polluted sites and support the Government of India in the development of a National Program for Rehabilitation of Polluted Sites (NPRPS).

IV. Current Implementation Progress

¹ Ruma Tavorath (Sr. Environment Specialist, TTL), A.S.Harinath (Environment Specialist), Sangeeta Kumari (Social Development Specialist), Wolfhart Pohl (Sr. Environment Specialist – Technical specialist for Industrial pollution and Remediation {desk review}), Arvind Prasad Mantha (Financial Management Specialist), Swayamsiddha Mohanty (Procurement Specialist) and Bela Varma (Program Assistant).

5. Project implementation has gathered momentum over the past six months, especially in the Andhra Pradesh component, with MoEF lagging behind in all indicators. The sections below detail critical issues and actions agreed with each individual implementing agency. Detailed reports on physical and financial progress were received from both states (attached as Annexes VI-VIII). A list of agreed actions is detailed in Annex I.

IV (A) MoEF:

Sub-component 1.a. National Program for the Rehabilitation of Polluted Sites (NPRPS):

6. The three base studies for the development of the NPRPS, ((i) policy and institutions (ii) inventorization and mapping and (iii) methodologies and standards) are now significantly delayed. While the EOIs were issued on 10 July and more than 80 proposals received by early August, the MoEF evaluation committee has not yet shortlisted the candidate proposals for issuance of RFPs on account of changes in norms of the evaluation committee. The MoEF has committed to evaluating the proposals and shortlisting by end November. The mission wishes to flag this as an issue which is on critical path and will impact achievement of the Project Development Objectives and requests MoEF to expedite the contracting process.

7. As agreed during the last mission, MoEF is organizing the international study tour and training on cost-benefit analysis of remediation processes for this year. Instead of hiring a training consultant, the MoEF, in consultation with the Bank, has decided to outsource the technical activities (including developing training modules) and the logistics of travel to a national training institute. Two such institutes were invited to prepare proposals which were reviewed by a joint training committee consisting of officials from APPCB and WBPCB during the mission. Detailed comments were provided and the revised proposals are expected to be submitted by the 2nd week of November. It was also agreed that there is no need for MOEF to hire a training consultant at this stage.

8. Subsequent to the decision taken in March to re-think the institutional structure at MoEF and not hire a Project Management Consultant, the project has been managed by a small team of 5 persons, including the Project Director, who has significant responsibilities in other large programs. Shortage of technical experts in this existing structure is becoming a constraint and the MoEF has agreed to hire the required expertise (hazardous and municipal solid waste management) on an urgent basis. Administratively, MoEF is required to send an official letter to the Bank justifying the cancellation of the procurement process of the Project Management Consultant and recommendation on way forward.

9. Given the synergies between this project and the national program for remediation funded under the National Clean Energy Fund the mission recommends that MoEF consider a shared institutional structure along with the Central Pollution Control Board (CPCB) to facilitate joint implementation. Such cooperation will also address the need for technical expertise and ensure knowledge sharing and uniformity in implementation.

10. A strong Technical Evaluation Panel is essential for providing the technical advice and quality review of all key documents related to the project. The mission recommended that the MoEF reconstitute the Panel, due to resignation and non-responsiveness of some of its key members. MoEF will approach the CPCB and national institutes to identify and invite the appropriate experts.

11. The MOEF is required to establish a network of SPCBs for information dissemination on various aspects of pollution management and remediation. As there are no specific funds allocated for this activity, the MoEF will request CPCB to become the epicenter of this activity and be further supported by information from the state Pollution control boards. In the meanwhile, the two states and MoEF will work together to link their websites and ensure all key information, terms of references and approved reports are uploaded. The Project Oversight Committee is scheduled to have its first meeting in November 2011, during when it will review and approve capacity building plans and annual progress report prepared by MoEF.

IV (B) Andhra Pradesh:

Component 2: Pilot site: Noor Mohammad Kunta Lake (NMK):

12. The mission commends the high level of commitment and pro-activeness of the Government of AP to remediate the NMK Lake and implement the current project, with a strategic vision towards sustained pollution prevention.

13. The consulting firm² – Witteveen+Bos – won the assignment with the highest technical scores and the contract has been signed in August. The consultant team has since then undertaken a reconnaissance mission and gave the project team a comprehensive presentation on the site, including the conceptual model and the methodology they plan to use to do the detailed investigation, which will commence within the next few weeks.

14. The APPCB organized a stakeholder meeting during the mission with the various land-owning and official authorities³ and some NGOs associated with the conservation of lakes in Hyderabad. This consultation has been preceded by earlier rounds of higher level discussions and formal agreements on the roles and responsibilities of each agency with regard to prevention and regulation of future solid and industrial waste dumping, management of wastewater from neighbourhood residential areas, and the demarcation of land to prevent future encroachments. The discussions were very productive and centered around the above issues, especially given that the Katedan Industrial Estate (KIE) is to become a multi-zonal area within the next few years. The HMDA plans to maintain NMK as a recreational area and the APPCB needs to get clear agreement as to their requested standards of clean-up of the lake waters.

15. Considering the critical role of various stake holders in supporting the project, including pre-conditions and post-remediation requirements, the mission advises the APPCB to work out a detailed time bound action plan detailing a clear set of actions to be accomplished by each stakeholder and respective timelines for completion. Now that the formal agreements have been reached at highest levels of government, the mission requested that signing of the Memorandum of Agreement (MOA) be expedited.

16. In response to NGO feedback that there is lack of clarity and transparency with regard to industrial production at the individual plots within the KIE, APPCB has initiated a listing and classification of all industries detailing their products, status of authorization, and verification

² A Joint Venture between Messrs Witteween+Bos, Tauw, COWI and Kadam Environmental Consultants.

³ Andhra Pradesh Industrial Infrastructure Corporation Ltd. (APIIC), Hyderabad Metropolitan Development Authority (HMDA), Irrigation Department and Greater Hyderabad Municipal Corporation (GHMC),

of their solid, liquid and hazardous waste disposal methods. The NGOs also requested that the primary objective of social and socio-economic goals be consistently maintained and that there be local and community involvement in the inventorization process.

Component 2: Pilot Site: Kadapa Solid waste dumpsite:

17. The consulting firm – Witteveen+Bos – have been selected for the assignment, after the highest ranked firm was disqualified on technical grounds. The contract for this assignment was signed in October and the consultants have initiated the first reconnaissance field visit. The Kadapa Municipal Commissioner attended the consultations and informed the mission that the alternative landfill site has been identified and has received authorization from the APPCB. Construction is to commence immediately so that dumping in Kadapa site can be ceased prior to remediation works. The draft MOA has been circulated with the stakeholders and is to be signed shortly.

18. *Laboratory Strengthening:* The procurement process for laboratory equipment is progressing well, and orders have been placed for 4 pieces of equipment with another 6 to be bid out by end November. APPCB has built in on-site and international training of lab technicians into the suppliers' contracts at no additional cost. The laboratory has recently been accredited under the NABL⁴ as of August 2011. To house the new equipment, APPCB has decided to move the entire lab into a new floor, which is to be constructed within the next 6 months using its own funds and utilize the CBIPMP funds for designing and erecting the lab as per the optimal specifications required to house the sophisticated equipment. APPCB will prepare the monitoring indicators format which will help quantitative evaluation of utilization rate and economics of operating and maintaining their own equipment instead of outsourcing.

19. *Studies:* The studies to be undertaken by APPCB have been delayed marginally, including the business strategy of ECAC (list and status in Annex I). It has been agreed with the mission team that APPCB will initiate a new study to forecast the assimilative and carrying capacity of industrial areas. This will enable the Government of AP to make informed decisions about sustainability of its industrial siting and accurately estimate how many industries can be authorized to operate within specific zones.

20. The Project Steering committee has met two times in the last fiscal year and while approving the annual plans, has also been kept informed of significant activities such as shortlists of consultants, agreements with stakeholders and MOA. APPCB intends to take the Committee members to the NMK site, with presentations by the consultants, which will ensure buy-in and commitment from senior officials of the state government.

IV (C) West Bengal:

21. Recognizing that the original Project Implementation Unit (PIU) structure was cumbersome with multiple reporting and management arrangements, West Bengal Pollution Control Board (WBPCB), has now streamlined the institutional structure with two key focal points for better coordination and smoother communication with Bank and MoEF. There is need to hire additional technical support into the PIU, including a Project Coordinator, technical engineer for Hooghly site and procurement assistant. The Project Steering Committee has approved the annual plan for the project.

⁴ National Accreditation Board for Testing and Calibration Laboratories

Component 2: Pilot site - Hooghly:

22. The selected consultant firm made a presentation to key official stakeholders of the Hooghly area⁵. There was a general agreement that the clean-up work is required and should be undertaken; though concerns around accessibility and temporary disruption of livelihood activities were raised. The Memorandum of Agreement (MOA) with key stakeholders is being worked out and to be signed shortly. It was agreed that WBPCB will call senior official stakeholders, along with MoEF, to clearly detail and delineate specific and sequential responsibilities for each. This will be followed by consultations at the local and community level to ensure that the activities are well understood and accepted by all. While social and health issues are one of the primary reasons for this program, direct impacts of such heavy metal pollution on health is complex and random. The social communication therefore needs to be well managed, and the mission urges the WBPCB to hire the communication agency and start the consultation with the local stakeholders on the ground. In the meanwhile, the WBPCB is proceeding with signing of the contract with the consultant, so that the assessment activities can commence by mid November.

23. A detailed discussion was held around sites which are privately owned– which are legacy but not orphan. The mission raised a concern of the funding of such sites and the precedent it could set and effect on its regulatory functions for other similar sites. It was agreed that the detailed investigation and design phase would proceed as planned but the project will not finance the actual remediation works. WBPCB will continue to follow-up with the private owners and review various option with them including PPP arrangements, with the understanding that legal action will be resorted to in case of future default in clean-up by the land owner. A key issue related to future dumping was raised by all stakeholders present and the WBPCB will need to elaborate a strategy for continued pollution prevention.

Component 2: Pilot site - Dhapa:

24. There is a formal communication between WBPCB and the Kolkata Municipal Corporation with regard to hand-over of site and also the councils consent for the proposed remediation activities. The MOA needs to be signed with the Corporation before the consultants work commences. However, there has been a delay in hiring of the consultancy firm due to some technical issues, which is expected to be resolved shortly and the final decision and contract are to be completed by end November. This activity is now on critical path.

25. *Studies:* Four studies are about to commence within the next few months and the mission urged the WBPCB to expedite the contracting process. It was agreed to drop the study on inventorization of municipal dumpsites which is being taken up by the MoEF for NPRPS. The decision to undertake an inventorization of e-waste is awaiting confirmation from MoEF, which is conducting a national inventory. The detailed list of studies and respective status is attached in Annex IV.

26. Before proceeding with the proposed study of mercury and naphthalene contamination at 2 urban clusters, the WBPCB will assess whether this could be funded under the national

⁵ Public Works Department (PWD), District Magistrate (DM), Hooghly Municipal Corporation, Hooghly Zilla Parishad, etc

program, given their high possibility of attracting PPP type of arrangements. The allocated funds under this project could then be utilized for undertaking a study on other less viable rural contaminated sites.

Sub-Component 1b: Environmental Compliance Assistance Centers (ECAC):

27. While the building for the ECAC has been rented and the furniture has been procured, ECAC functioning has slowed down. The staff member responsible for this component has recently been transferred out, which leaves the ECAC without leadership and guidance. There is only one consultant dedicated to this activity and the mission urges that the momentum from the earlier ACEAN project not be lost. There has been some delay in initiating the consultancy for business strategy, and the shortlisting of the EOIs has only recently been completed. Given that the strategy will be finalized after 10 months, there is need to continue ECAC activities, and it was agreed that WBPCB will submit an action plan and hire a coordinator and technical consultants to implement the core activities over this interim period.

28. *Laboratory Strengthening:* The process of equipment procurement has picked up speed and about 5 pieces of equipment are in various stages of procurement. Technical specifications of package 3 have also been finalized in consultation with the technical committee. The mission discussed the related issues of space and operations and maintenance cost of these sophisticated pieces of equipment and it was agreed to remove two of them, which have prohibitive operations and maintenance costs. The format to be prepared by APPCB will be utilized for monitoring and reporting. (Details of equipment to be procured and status is detailed in Annex VII.)

29. The mission team did a walk-through of the laboratory at WBPCB and was informed that 3 laboratory personnel are to be hired for the project period, of whom one is at place and the other two are to be hired shortly. The hired staff and the PCB laboratory personnel will be trained in the operations of the new equipment by the suppliers. WBPCB has indicated that it will review the need for expansion to house the new equipment and informed the mission that the process to obtain the NABL accreditation for its laboratory has been initiated.

V. Environment

30. On environmental safeguards, the mission emphasized the need for a detailed environmental assessment of the remedial actions being proposed by the consultant. The assessment should include the environmental impacts of the proposed activities to be prepared as a separate volume to the detailed assessment and should encompass all the engineering, policy, regulatory and land use changes being proposed. The assessment should also include detailed stakeholder consultations and shall comply with the disclosure policies of the Bank. Since the project is an environmental management project, the mission emphasized the need to monitor the environmental assessment activities which can be done by the respective PIUs. The key observations and suggestions on environmental and technical aspects of the respective sites are attached in the Annex III.

VI. Social

31. Overall the progress on actions to manage social issues for pilot sites under the project has been slow and is being rated as Marginally Satisfactory. The state PIUs are yet to be fully staffed for managing and supervising social and communication aspects and the mission urged that this activity be expedited, particularly since the remediation assessment and design

consultants are already on board. Implementation progress is better in AP, where the social specialist has been inducted and is in place, although two support professionals are yet to be recruited. The development and implementation of a full consultation strategy and communication plan, as identified in the approved Environment and Social Management Framework has also been delayed.

32. The APPCB intends to disclose the proceedings of the stakeholder consultations for NMK site on their website for wider feedback. This is a good initiative and the mission suggests its replication for other pilot sites. It is noted that based on initial findings, restoration of original boundaries of the lake make require removal of encroachments. The mission informed both PIUs that this may trigger Bank's policy on Involuntary Resettlement for this sub project and requested that the Bank be kept informed on the status of such encroachment, once the detailed assessment studies are completed and the impact area is defined. The key observations and suggestions on social aspects of the respective sites are attached in Annex IV.

33. MoEF and the state Pollution Control Boards have to create an information window, which will be updated on a regular basis, to enable the public and users of resources to have access to project information. The mission also discussed the Grievance Redressal and complaint handling mechanism to be instituted at both PIUs and at MOEF by November 30th.

VII. Procurement:

34. The mission reviewed the progress on procurement vis-à-vis the procurement plan and adherence to agreed procedure by various agencies engaged in the process and assigns a "S (Satisfactory)" rating to procurement. The procurement risk at this stage continues to be rated as Moderate.

35. The mission observed that the implementing agencies have hired/inducted their procurement staff. It is recommended that all the procurement staff and other key staff of Project may be sent for training in Bank procurement procedures in an institution of repute like ASCI (Hyderabad) or NIFM (Faridabad). The procurement specialist of the Bank also conducted a training session on hiring of Consultants following Bank's Guidelines for key personnel at the two PCBs.

36. The mission noted that all the implementing agencies have complied with the requirement of mandatory disclosure by hosting procurement related information, i.e. Procurement Notices and Contract Award details on the project website. However the procurement plans need to be revised with details of number of packages for which contracts has been awarded along with values and sent to the Bank. A provision for complaint handling mechanism also needs to be instituted on the respective websites, with and contact details of the authority to whom the complaints shall be addressed. Updated procurement plans also need to be uploaded on respective websites. Bank's fiduciary requirement of conducting Procurement Post Review (PPR) was discussed and all agencies have to provide the list of post review contracts for FY12 by mid-November, prior to a PPR mission in February 2012.

VIII. Financial Management

37. The project has taken timely action on the financial management issues identified in the last implementation support mission of April 2011. These include (a) submission of Interim Unaudited Financial Reports (IUFRR) for the period April 2010 to March 2011 incorporating the expenditures incurred by MoEF, Andhra Pradesh and West Bengal pollution control boards; (b) sharing of annual work plan for the financial year 2011-12, and; (c) appointment of financial management consultant at MoEF. There is adequate budget provision for implementation of project activities and there are no fund flow delays or constraints.

38. The project now needs to focus on the following aspects; (a) submission of the annual audit report for the financial year 2010-11; (b) appointment of statutory auditors for APPCB and WBPCB for financial year 2011-12 and onwards; (c) APBCB to ensure that adequate budgetary provision is created by the state finance department in the Revised Estimate (RE) of FY 2011-12 and the funds are transferred into the project bank account; (d) monitoring of the actual expenditures vis-à-vis budget and reporting the same in the quarterly Interim Unaudited Financial Reports (IUFRRs). A detailed report on FM issues is attached in Annex V.

IX. Project Operations Manual

39. The Project Operations Manual needs to be revised and the mission requested the states and MoEF to send their amendments with regard to any changes in institutional structures (i.e. WBPCB PIU, MOEF, role of Project Steering Committee, staffing in PIUs etc) and any changes in procedures.

X. Design of Market Based Emissions Trading Scheme to Improve Air Quality:

40. The Grant Agreement between Government of India and the Bank was signed in September 2011. The contract with the consultancy firm J-PAL SA is to be signed shortly. The final design of the trading platform is expected to be completed in the next few weeks and it has been agreed that a launch workshop will be organized in December 2011, to be chaired by Secretary MOEF. The final design is to be in place by April 2012.

41. Since this small grant-funded six-month activity is linked though the CBIPM project, the mission requested the Financial consultant appointed for CBIPM be made responsible for monitoring the financial management arrangements of the IDF grant which includes maintenance of books of accounts, preparation and submission of quarterly IUFRRs and audit reports.

X. Agreed Next steps and Mission:

42. The next formal Implementation review mission is scheduled for late March 2012. A technical discussion is to be organized in December in Delhi, where the remediation consultant teams for all pilot sites will present their inception reports. Activities to be undertaken and completed within the next six months are detailed in Annex I.

ANNEX I
LIST OF AGREED ACTIONS

Action	Responsibility	Due Date	Comments/ Revised Due Date
Finalize the TORs for NPRPS studies consultancies. Initiate the consultancy bid process	MoEF/ TEP	April 27 End May	Completed. Evaluation of EOI proposals and shortlisting by Nov 25, 2011
Submit revised proposals for training on Implementation of remediation process based on cost benefit analysis (NPRPS)	MoEF		Nov 25, 2011
Submit justification to the Bank for cancellation of Procurement Management Consultant	MoEF		<i>Nov 7, 2011</i>
Reconstitution of Technical Evaluation Panel (TEP)	MoEF		December 23, 2011
Review possibility of linking information exchange requirement with the CPCB portal	MoEF	end June	November 30, 2011
Review institutional mechanism with national program and hire technical staff	MOEF		January 31, 2011
Maintaining procurement related information on project webpage	MoEF, APPCB, WBPCB	End May	Nov 20, 2011
Feedback/Grievance Redressal Mechanism to be set up under the project	MoEF, APPCB, WBPCB	End May	Nov 30, 2011
Provide updates for POM (Changes in PIU structure and/or PSC etc)	MoEF, APPCB, WBPCB		Dec 10, 2011
Submission of Updated Procurement Plans	MoEF, APPCB, WBPCB		Nov 15, 2011
Status of awarded contracts with value for each category (Goods, Works, Consultancy) vis-à-vis procurement plan	MoEF, APPCB, WBPCB		Nov 30, 2011
List of Contracts for PPR for FY12	MoEF, APPCB, WBPCB		Nov 15, 2011
Uploading of procurement disclosures including procurement plan and also contact details for complaint handling on respective websites	MoEF, APPCB, WBPCB		Nov 30, 2011
Procurement Training of new Procurement staff	MoEF, APPCB, WBPCB	End-May	Dec 30, 2011
Issuance of contracts for Assessment and design consultants for the two pilot sites	APPCB	June 25	<u>Completed</u> <u>NMK</u> : Signed on Aug 25, 2011

			Kadapa: Signed on Oct 17, 2011
Draft Inception Report for NK site to be submitted to the Bank	APPCB		Nov 30, 2011
Signing of Memorandum of Agreement	APPCB	July 20	Kadapa: Dec 15, 2011 NMK: Dec 15, 2011
Issuance and signing of contract for procurement of laboratory equipment	APPCB	June 15	Finalized by Dec 31, 2011.
Initiate consultancy process for Business strategy of ECAC	APPCB	June 15	RfP to be issued by Dec and contract to be issued by Jan 2012
Hiring of social expert in PIU	APPCB	Mid June	Completed in Sept 2011
Appointment of statutory auditors for FY 2011-12 and onwards	WBPCB APPCB		Jan 31, 2012
Receipt of funds in the APPCB project bank account through the state budget	APPCB		Jan 31, 2012
Issuance of contracts for Assessment and design consultants for the two pilot sites	WBPCB	June 25	Hooghly: Nov 30, 2011 Dhapa: Dec 30, 2011
ECAC sector studies	WBPCB	End May	Sponge Iron and Tannery Sector: RFP to be re-advertised. Lead Acid Battery Sector study: EOI to be issued by Dec 1, 2011; contract to be signed Feb 25, 2012.
Initiate the consultancy process for the Business strategy of ECAC	WBPCB	June 15	Shortlist to be sent for Bank NOC by Nov 15 Contract to be issued by Jan 15 2012
Submit action plan for Business Strategy, and hire coordinator and technical consultants for core activities of ECAC	WBPCB		Nov 30, 2011
Issuance and signing of contract for procurement of laboratory equipment	WBPCB	Sep 2011	Instruments to be ordered by Dec some to be in place by Jan 15, 2012
Develop Consultation Strategy and Communication Plan	WBPCB		Dec 12, 2011
Hiring consultancy firm for Social aspects	WBPCB	Mid June	Dec 15, 2011

Design of Market Based Emissions Trading Scheme to Improve Air Quality in India

Action	Responsibility	Due Date
Consultancy contract with J-PAL SA to be signed and the final design to be completed	MoEF	Dec 1, 2011
Launch of Emissions Trading platform	MoEF	Dec 24, 2011
Trading platform to be operational	MoEF	Apr 30, 2012

ANNEX II
LIST OF PERSONS MET

Ministry of Environment and Forests

Dr. T. Chatterjee, Secretary
Mr. Rajiv Gauba, Joint Secretary
Mr. Aniruddhe Mukerjee, Director (Project Director)
Dr. R.B. Lal, Deputy Director (Project Coordinator)
Mr. G. Rambabu, Assistant Environmental Engineer
Mr. R.K. Gupta, Procurement Consultant
Mr. R.S. Mishra, Accounts Officer

Government of Andhra Pradesh

Mr. M. Samuel, Special Chief Secretary, Environment, Forests, Science & Technology
Mr. B.S.S. Prasad, Special Secretary (Environment), Department of Environment, Forests,
Science & Technology

Andhra Pradesh Pollution Control Board

Ms. Janaki R. Kondapi, Chairperson
Mr. M. Dana Kishore, Member Secretary (Project Director)
Dr. K.V. Ramani, Joint Chief Environment Scientist
Mr. A. Surendra Raj, Joint Chief Environment Engineer
Mr. N.V. Bhaskara Rao, Sr. Environment Engineer
Mr. B.V.S.S. Prakasa Rao, Chief Accounts Officer
Mr. B.S. Reddy, FMS
Ms. Annapoorna, Procurement Assistant
Ms. Sridevi, Financial assistant
Mr. P.V.K. Naidu, Accounts Officer
Mr. S.S.S. Murali, Environment Engineer
Mr. W.G. Prasanna Kumar, Social Scientist
Mr. Y. Atchuta Ramayya, Procurement Specialist
Mr. T. Venugopal, Technical Consultant
Mr. Prasada, xxx
Ms. G. Sudha
Mr. Praveen Kumar, Regional Officer, APPCB, Hyderabad
Mr. Raghu, Sr. Environmental Engr., Zonal Office, APPCB, Hyderabad

Participants of NMK Stakeholder Workshop on October 21, 2011 (Andhra Pradesh)

Mr. R.Chenchaiah, CGM(E), APIIC.
Mr. S.Aleebasha, Addl. Comm(H&A), GHMC
Mr. D.Sudhakar, E.E(SWM), GHMC
Mr. P.Rajender Reddy (DUF), HMDA
Mr. BLN Reddy, SE, HMDA
Mr. Narsing Rao, Dy.EE, HMDA.
Mr. B.Yesubabu, Executive Engineer, Irrigation Department
Mr. R.Rama Rao, Assistant Engineer, Irrigation Department

Mr. D.John Samson, MC, Kadapa Municipal Corporation, Kadapa
Mr. A.Uma Maheswara Rao, SE, KMC, Kadapa.
Ms. P.Anuradha Reddy, Intach, Hyderabad (NGO)
Maj. Shiva Kumar, Sukuli Exnora (NGO)
Ms.. Priyanka Tadipatri, Sukuki Exnora (NGO)
Ms. Jasveen Jairath, Save Our Urban Lakes (NGO)
Mr. Marten van der Wijk, Team Leader, Witteveen + Bos
Mr. Peter van den Bossche, Environmental Engineer, Witteveen + Bos
Mr. Sangram Kadam, Kadam Environmental Consultants

Government of West Bengal

Mr. R.P.S. Kahlon, Principal Secretary, Environment

West Bengal Pollution Control Board

Prof. Binay K. Dutta, Chairman
Mr. Sandipan Mukherjee, Member Secretary (Project Director)
Mr. Subrata Ghosh, Chief Engineer
Dr. Tapas Kumar Gupta, Chief Engineer
Mr. Ujjal.K. Mukhopadhyay, Chief Scientist
Mr. Debanjan Gupta, Scientist
Mr. S.K. Adhikary, Sr. Environment Engineer
Ms. Sarmishta Kundu, Environment Engineer
Ms. Barna Majumdar, Environmental Engineer
Ms. Nupur Sengupta, Assistant Environmental Engineer
Mr. S.K. Khamrui, Finance & Accounts Manager
Mr. Subhasis Paul, Finance & Accounts Manager
Mr. Kartick Ghosh, Project Procurement Assistant
Mr. Pranab Chakraborty, Project Accounts Assistant
Mr. Swarupananda Bhowmick, Project Accounts Assistant
Mr. Ramkrishna Saha, Scientist
Mr. Nanda Dulal Nandi, Junior Scientist
Mr. Ananda Banerjee, Junior Scientist
Mr. Lakshmikanta Halder, Junior Scientist
Mr. Asit Bhowmik, Junior Scientist
Mr. Subhankar Debnath, Junior Scientist
Mr. Subhajit Chowdhury, Junior Scientist
Mr. Samannay Majumder, Environmental Analyst
Ms. Soumya Chakraborty, Environmental Analyst
Ms. Aishi Sengupta Environmental Analyst
Mr. Amiya Bhusan Majumder, Environmental Analyst
Mr. Arindam Chattopadhyay, Environmental Analyst
Ms. Baisakhi Guha Roy, Laboratory Assistant
Mr. Bikash Das, Laboratory Assistant
Mr. Provash Biswas, Laboratory Assistant
Mr. Debasish Ghosh, Office Assistant

Participants of Hooghly Stakeholder Workshop on October 20, 2011 (West Bengal)

Prof. Binay K. Dutta, Chairman, WBPCB
Mr. Sandipan Mukherjee, IFS, Member Secretary, WBPCB
Ms. R. Alicevaz, ADM (G), Hooghly
Mr. R. B. Lal, Dy. Director, MoEF, Govt. of India, Delhi
Mr. Shyamal Kotal, Sahakari Sabhadhipati, Hooghly Zilla Parishad
Mr. Jayanta Das, Dy. Mayor, Chandernagore Municipal Corporation, Hooghly
Mr. Prabir Roy, Finance Officer, Chandernagore Municipal Corporation, Hooghly
Mr. B. K. Ghosh, S.I., Chandernagore Municipal Corporation, Hooghly
Mr. Barun Chowdhury, MMIC, Chandernagore Municipal Corporation, Hooghly
Mr. Krishnendu Kundu, SI, Baidyabati Municipality, Hooghly
Mr. Pradip Chatterjee, Baidyabati Municipality, Hooghly
Mr. Bibek Raha, Chief Engineer, Public Works Department
Mr. Pradip Nag, S.E., Public Works Department
Mr. Rwitabrata Mallick, Indian Chamber of Commerce
Mr. S.K. Maschatak, Hooghly Chamber of Commerce
Mr. Masood Mallick, Managing Director, ERM India Pvt. Ltd.
Mr. Seungcheon Baek, Partner, ERM India Pvt. Ltd.
Mr. Jaydeep Sathaye, ERM India Pvt. Ltd.
Mr. Abhishek Singh, Principal Consultant, ERM India Pvt. Ltd.
Dr. T. K. Gupta, Chief Engineer (P), WBPCB
Mr. Subrata Ghosh, Chief Engineer(O & E), WBPCB
Mr. S. K. Adhikari, Sr. Environmental Engineer, WMC, WBPCB
Mr. Debashis Sarkar, Sr. Environmental Engineer, WBPCB
Ms. Sarmistha Kundu, Environment Engineer, WMC, WBPCB
Mr. Debanjan Gupta, Scientist, WBPCB
Mr. Biplab Baidya, Env. Engineer, Hooghly Regional Office, WBPCB

Administrative Staff College of India (ASCI)

Dr. Valli Manickam, Chairperson, Environment Area

National Environmental Engineering Research Institute (NEERI)

Dr. M.P. Patil, Scientist
Dr. A.N. Vaidya, Scientist

ANNEX: V
Environment including safeguards
Pilot Site Visit Report

The Bank's Environment Specialist, Mr. A.S. Harinath visited the NMK pilot sites in Andhra Pradesh and the Hooghly site in West Bengal in October 2011.

Some of the site specific findings and suggestions are:

- NMK:. It was agreed that the consultant will (i) carry out sample surveys at various depths (both for water and soil) (ii) provide detailed lab analysis protocols to be followed by its various laboratories involved in the sample analysis for the project (iii) develop a detailed base map of the lake through topographic surveys (iv) collect, collate and analyze all the available information on the earlier studies on NMK and establish trends of contamination (v) assess the leachate and pollution potential from the existing sewage treatment plant and the abandoned solid waste dump site.
- Hooghly: The mission, went to the site along with the consultants and WBPCB and discussed the proposed approach and various issues related to carrying out detailed assessment. It was agreed that the consultant will (i) adopt an area based approach to carry out the assessment and the area from the Old Delhi road junction to the junction after the brick factory will be considered as the project area (ii) use a combination of field reconnaissance, land use survey, Google maps , secondary data and satellite imageries to identify the impact area of the contamination (iii) conduct sample surveys both at the identified hot spots and at the adjoining industries / areas to clearly establish the trends of contamination.

ANNEX: IV
Social Development including safeguards
Pilot Site Visit Report

Visit was made to the pilot sites in Andhra Pradesh from July 20 to 23, 2011) by Social development Specialist, World Bank along with Mr. Venugopal and representatives from regional pollution Control Board Offices to understand the potential social issues to be managed under the project. The visit was made to the pilot sites in West Bengal from April 20 to 21, 2011 along with Dr. Adhikari, Mr. Chatterjee and Ms. Kundu from State Pollution Control Board. Also the role of social expert and communication expert to supervise the project preparation and supervision was discussed.

Some of the common and pilot site specific findings and suggestions are:

- a) The management of pollution in both the pilot sites would require adopting area approach. While the specific treatment/mitigation activity to be carried out as part of this project may be limited to the site, the project would also require to identify and agree on preventive/ management activity of the broader and area for long term sustainable solutions. These may include awareness activities.
- b) Confirm ownership of land to be included under project.
- c) SPCB will require to continue to facilitate forum for all concerned parties in order to identify long term solution to avoid further contamination of site and better management of environmental and social impacts. These consultations and forums must be organized and well documented as part of the studies to be carried out by the consultants.
- d) As part of the studies by the Design consultants to be carried out following broad steps would be required on social aspects:
 - i. Identification of stakeholders and consultations
 - ii. Review of relevant studies, plans and proposals
 - iii. Identification of likely social concerns and impacts
 - iv. Delineation of project impact area, define scope of detailed social impact assessment and develop communication strategy
 - v. Enumeration of occupants of the project area (Census and socio-economic survey)
 - vi. Social Impact Assessment as per proposed design
 - vii. Preparation of Resettlement action Plan as per final design
 - viii. Preparation of communication and public participation action plan

Noor Muhammad Kunta Lake

1. The lake was reported to be under government ownership. However, few graves were noticed on the Bund on Airport road side. As this is not the designated location for graveyard and is being done on government land, it is suggested to prevent additional graves to come in this portion and protect the government land. Based on the proposed project interventions the strategy for the present graves should be framed.

2. Confirm ownership of land to be included under project.
3. The Kantedan Industrial Area upstream of the lake appears to have issues of both solid waste dumping and waste water disposal. The management of pollution in the lake would require adopting area approach. While the specific treatment/mitigation activity to be carried out as part of this project may be limited to the pilot site, the project would also require identifying and agreeing on preventive / management activity of the broader area for long term sustainable solutions. These may include awareness activities and agreements with the Andhra Pradesh Industrial Infrastructure Corporation who is currently responsible for maintenance of the Kantedan Industrial Area. APIIC has a office within the site. On enquiry with one of the officers in the APIIC office, it was learnt that Aila has been dissolved for past several years and now APIIC has taken over the maintenance responsibility. The Industrial estate is 30years old spread in 250 acres. There are around 340 plots and 200 sheds. Each entrepreneur owns his own plot or shed. After Supreme Court order the estate was declared as green zone and all the polluting industries have been relocated out and have been replaced by non polluting ones accordingly. As maintenance charges, about 50 lakhs is being collected per annum by APIIC for maintenance of roads and provision of street lights. About 30 acres area within the estate is open area still under the control of APIIC. These open areas have virtually turned into solid waste disposal sites as there is no provision planned within the estate. As of now Rag pickers from nearby areas are able to collect Rs 70-80 worth of items from these open areas.
4. The impact on and from residential area around the lake and Kantedan Industrial Area under Rajendra Nager Municipality should also be looked at during the studies under the project.
5. SPCB will require facilitating a forum for all concerned parties such as APIIC, Department of Industries in order to identify long term solution to avoid further contamination of lake and better management of environmental and social impacts. These consultations and forums must be organized and well documented as part of the studies to be carried out by the consultants.

Kadapa Municipal waste Dump Site

1. The pilot site for remediation is still under use for solid waste disposal (around 25 trucks/day =210 tonnes). A total of 16.5 acres was reported to be under the current site. Out of this 11.5 acres is under dumpsite and another 5 acres for the composting plants.
2. 10 to 12 families are depended on the site for their livelihood from collection of items from waste worth Rs. 60 to 70 per day.
3. The dump site is currently is neither having any guards nor being routinely monitored. Waste was found dumped along the road outside the dump area boundary too. Currently there is no provision to contain the leachate or spilling of waste outside the dump area boundary.
4. The impact on health of residents around the current dump site, if any would require to be assessed as part of DPR studies and specific recommendations on awareness generation and prevention would require to be made.

5. The infrastructure built for the composting plant is currently equipped with machines for segregation and shredding , power connection and shade for wormi composting.
6. No clarity could be provided by the officials from Municipality on the overall concept and plan for the current site and the future site. The files and documents shown could not provide any clarity either on the future usage of the current site. The master plan shows the site to be residential whereas the brief summary prepared by Kadapa Municipality propose it to be Green belt and the presentation on Integrated Municipal solid Waste Proposal shows this site to continue to have the composting plant along with capping of current dump site.
7. SPCB must also facilitate discussions to bring clarity on the overall solid waste disposal plan of Kadapa town vis a vis the current site and proposed site in their reports prior to according NoC for the new site. The consultants being hired for the Kadapa site remediation must clearly provide these linkages in their reports.
8. Since the progress on the pilot site is directly linked to the functioning of the new site, the schedule of activities for the new site needs to be closely monitored by SPCB.
9. Enquiry with the regional office SPCB revealed that the new site identified for the MSW is being resisted by the private land owners and nearby community. A Public Interest litigation has been filed in February 2011 by them in the High Court. It is observed that in absence of clarity on the overall solid waste disposal proposal, The amount of land sought for the new site appears to be arbitrary. The size of land acquired previously for the same purpose was only 11.5 acres, whereas the current site under consideration is 92 acres.
10. Further the suggestion made by the Bank team during previous visits to do public consultation for the new site has also not been done so far.
11. It was reported that the commissioner has already directed the concerned revenue officers to give advance possession of 92 acres of land for the new site. The Bank alerted the SPCB to ensure the formal transfer of land in the revenue records to rule out any uncertainty with regard to new site.
12. Currently there is no tracking system to account for the people entering the site such as the labour with the dump trucks or the rag pickers. The sites offers opportunity in the project to identify ways to create safer working conditions for the rag pickers and others in the composting area. Also a comprehensive management plan for the entire site may be developed as part of the DPR studies.

Hoogly site:

It was observed that as per the initial assessments of the SPCB, the polluted spots are currently found all along the old Delhi road. These largely constitute the waste material and spoils brought by the abutting land users for building access to their plots and properties. In the event of construction of these access roads in ad hoc manner, water logging was also observed at several places as the drainage along the Delhi road has been disturbed too. The adjoining landuse include the industries/factories, agricultural, residential and informal Commercial (petty shops, weigh bridge, vehicle repair and dhabas on the road side). Some of these appear to be encroachment on the road land. The ownership of roadside land would require to be ascertained. Hence, the management of

pollution for this site would require to adopt area approach. Further SPCB will require to facilitate a forum for all concerned parties to have a long term solution to avoid further contamination of site due to dumped waste with high chemical content for access roads and water logging. Some of the likely concerned parties appear to be department concerned for maintenance of old Delhi road, Kolkata Urban development Authority responsible for landuse/conversion along the highway, local bodies/panchayats/municipalities and other occupants/ landusers along the road.

Dhapa Site:

The proposed site (Approx. 8 Ha.) under the project for capping and leachate treatment is part of the larger dump area which is said to be more than 100 years old. However, the current active site (Approx. 13 Ha.) is also in close proximity to the pilot site. Further Additional 14 Ha. has been acquired for engineered dump site. A proposal for 50 Ha. is also in the pipeline, which is at EIA clearance stage. The site is part of Ramasar site, has low lying areas and wetland swampy areas around the proposed pilot site and other active sites too. The dump site is also in close proximity to two inhabited villages. The boundaries among the various proposals and current usage will require to be clearly defined. The access road to the two villages also are amidst the dump area. Approximately 500 rag pickers are dependent on this site. However currently there is no tracking system to account for the people entering the site such as the labour with the dump trucks or the rag pickers. The site offers opportunity in the project to identify ways to create safer working conditions for the rag pickers and others. Also a comprehensive management plan for the entire site may be developed as part of the DPR studies.

43. Implementation progress is better in AP, where the social specialist has been hired and is in place, although two support professionals are yet to be recruited. The stakeholder consultations organized for NMK site was effective in bringing the concerned government departments on one platform and mutually agree on their respective roles and responsibilities. The APPCB intends to disclose these proceedings on their website for wider feedback, which is a good initiative and the mission suggests its replication for other pilot sites. It is noted that based on initial findings, restoration of original boundaries of the lake may require removal of encroachments. The mission informed APPCB that this may trigger Bank's policy on Involuntary Resettlement for this sub project and requested that the Bank be kept informed on the status of such encroachment, prior to marking the boundaries of the lake on the ground.

44. For the West Bengal sites, the Bank's policy on Involuntary Resettlement may also be triggered. However this will be determined once the detailed assessment studies are completed and the impact area is defined. The social assessment will also provide the baseline information on social benefits and likely impacts (both direct and indirect) on people, their assets and livelihood vis-a vis benefits. Alternatives shall be analyzed to minimize the adverse impacts and select the most feasible intervention. Finally mitigation measures should be identified and site specific action plans including Resettlement Action Plans shall be prepared, if required in consultation with the affected community. The key

observations and suggestions on social aspects of the respective sites, based on field visits undertaken by the social specialist, World Bank are attached in the Annex IV.

45. MoEF and the state Pollution Control Boards are expected to create an information window that will enable the public and downstream users of resources, to have access to project information. The key information needs to be updated on a regular basis to secure support of key government agencies and civil society.

46. The mission discussed the Grievance Redressal and complaint handling mechanism in detail. While the respective websites of the SPCBs provide for registration of complaints, the mission finds this insufficient and advised that project specific feedback and grievance handling mechanism needs to be developed, which could cross linked with the existing system. Provision for common persons or civil society to register complaints in easy and multiple ways needs to be made. (details provided in Section X) Such entries need to be monitored by a committee with members outside the project implementation team chaired by Project Director and a time-line also needs to be maintained for responding. The mission requested the states to share details of such mechanism, which is to be instituted by November 30.

ANNEX: V
FINANCIAL MANAGEMENT

Budgeting & Funds Flow: The MOEF has made a budget provision of Rs 250 million for the financial year 2011-12 representing 85% of the project expenditures financed by the Bank. The budget provision made by MOEF for the financial year 2011-12 is adequate to meet the fund requirements for implementing the project activities carried out jointly by MOEF, APPCB and WBPCB. The MOEF has transferred Rs 33.90 million & Rs 31.06 million into the bank accounts of APPCB and WBPCB opened specifically for this project. There have been no delays noticed in the transfer of funds to the respective state pollution control boards.

The West Bengal and Andhra Pradesh pollution control boards in the financial year 2010-11 had transferred 15% of the state contribution from the Board's existing reserves into the project bank account. In financial year 2011-12, the state of West Bengal has made the budget provision and the funds were accordingly received in the project bank account. However, for the state of Andhra Pradesh, no such budget provision was made for FY 2011-12 and therefore the mission team has advised the AP pollution control board to follow-up with the state finance department and ensures that adequate budgetary provision is created in the Revised Estimate (RE) and the funds are transferred into the project bank account.

Disbursement: The project has disbursed an amount of USD 5.637 million (including Designated Account Advance of USD 5.026 million) representing 8.52% of the fund allocation. The below table depicts the details of the funds approved and disbursed under the project components.

Financing source	Allocation	Disbursement	Allocation	Disbursement
	SDR Million	SDR Million	USD Million	USD Million
IDA 4755	25.700	0.383	41.042	0.611
IBRD 7924*	15.756	0.000	25.147	0.000
DA Advance	-	3.147	-	5.026
Total	41.456	3.530	66.189	5.637
% Disbursed including DA		8.52%		8.52%
% Disbursed excluding DA		1.49%		1.49%

*Excluding front end fees of US\$0.063 million

Exchange rate as of October 31, 2011: 1SDR=1.596 USD (approx)

Accounting and Reporting: A review of the financial management aspects of the APPCB and WBPCB were carried out during the mission. It has been observed that the staffing arrangements at these state pollution control boards are adequate. The respective pollution control boards are headed by experienced finance managers and are adequately supported by accounts officers. Both AP and WB pollution control boards have accounting systems⁶ in place and these systems are being used for accounting and reporting of financial transactions. The component/activity/and sub-activity wise accounting codes have been created in these accounting systems and the actual

⁶ APPCB is using Tally accounting software and WBPCB is using web based operating system Linux

expenditures incurred are recorded and monitored against these established codes. The accounting staffs are appropriately trained to use these

accounting systems. The state pollution control boards follow cash basis of accounting and there are reasonable controls in place for the accounting and reporting of project expenditures.

The AP and WB pollution control boards are timely in rendering the quarterly financial reports (IUFRRs) to MOEF. The IUFRR for the quarter ended September 30, 2011 has been shared by AP and WB during the mission reporting the actual expenditures of Rs 5.324 million & Rs 9.236 million respectively. The mission team has recommended the project to supervise the actual utilization of project expenditures vis-à-vis the budget (figures as per PAD) which would essentially require introduction of budget figures against the existing activity and sub-activity wise account codes and subsequently reporting the same through the quarterly Interim Unaudited Financial Reports (IUFRRs) submitted to the Bank through the office of MOEF. It has been agreed with the project that the budget figures for (year till date i.e. YTD and cumulative till date i.e. CTD columns) will be introduced in the IUFRR formats and the actual utilization of expenditures against the same will be reported to the Bank from next quarter onwards (i.e. Oct 2011 to Dec 2011).

Internal Audit: The AP and WB pollution control boards have internal audit systems in place and the internal audit is being carried out by an independent firm of chartered accountants appointed by the board. The internal audit report for financial year 2010-11 of the AP pollution control board was shared during the mission. A review of internal audit report indicates that the scope and coverage of auditors is adequate and they have provided their opinion on the fiduciary and financial aspects of the audit. The pollution control board also initiates effective steps to address the issues identified by the auditor.

The mission team was appraised by the WB pollution control board that the internal audit for the financial year 2010-11 has been completed and the auditor is in the process of issuance of internal audit report. It has been agreed that the internal audit report will be shared with the Bank on receipt.

External Audit: The AP and WB pollution control boards have shared the external audit reports for the financial year 2010-11 with the Bank reporting the expenditures incurred under this program. There were no accounting and internal control weaknesses identified and reported by the auditors in these audit reports. It has been agreed with AP and WB pollution control boards that the statutory auditors for the financial year 2011-12 and onwards will be conducted by an acceptable independent firm of chartered accountants, which will be selected from the major list of auditor's empanelled with the office of CAG; by following the Bank's consulting guidelines and in accordance with the terms of reference agreed with the Bank.

The audit report for the expenditures incurred by MOEF for the financial year 2010-11 is not yet received by the Bank. It has been agreed that necessary follow-up will be made with the office of CAG for entrustment of audit and the audit report for the financial year 2010-11 will be shared with the Bank by November 15, 2011.

ANNEX VI
MoEF ACTION PLAN 2011-12

Sl. No.	Issues	Revised Timelines
1.	The Status of three NPRPS consultancies, namely: <ol style="list-style-type: none"> i. Inventory and Mapping of Probably Contaminated Sites in India; ii. Development of Methodologies for National Programme for Rehabilitation of Polluted Sites; and iii. Development of National Programme for Rehabilitation of Polluted Sites. 	<ul style="list-style-type: none"> • These studies are likely to be awarded upto 31.03.2012.
2.	Consolidated IUFRR	IUFRR for the period July 2011 to September 2011 and October 2011 to December 2011 will be sent in time
3.	Reimbursement claim	Reimbursement claim for the period July 2011 to September 2011 and October 2011 to December 2011 will be claimed in time
4.	Procurement Plan	<ul style="list-style-type: none"> • Revised procurement plan will be sent by 30.11.2011. • Some office equipments i.e. Computers, Laptop have been procured
5.	Training <ol style="list-style-type: none"> i. Training on implementation of remediation process based on cost benefit analysis (NPRPS) and; (Domestic) ii. International best practices (study tour / training) 	<ul style="list-style-type: none"> • Both the domestic training / international study tour are likely to be accomplished by 31.03.2012
6.	Consultants	<ul style="list-style-type: none"> • The Contract for existing Consultants is extended upto 31.03.2012 • The hiring of additional individual consultants i.e. Training Specialist, Financial Specialist, Procurement Specialist, and Technical Assistant / Data Entry Operator are under process. The hiring of Financial Specialist and Technical Assistant / Data Entry Operator is likely to be completed upto December 2011. For the Training Specialist and Procurement Specialist a fresh advertisement is to be floated and process may likely to be completed 31.03.2012.
7.	CBIPMP Website	<ul style="list-style-type: none"> • CBIPMP Website has been launched at MoEF Web Server
8.	Annual Action Plan	<ul style="list-style-type: none"> • The consolidated Annual Action Plan for the year 2011-12, based on the information received from the two States was prepared and sent to the World Bank for their acceptance. • The releases to both the States are to be made by January 2012.
9.	Audit Certificate	<ul style="list-style-type: none"> • The Audit report of MoEF expenditure for the year 2010-11 is expected upto 15.11.2011.
10.	Financial Progress <ol style="list-style-type: none"> 1. Total Expected Expenditure for 2011-12 2. Expenditure incurred upto Sept. 2011 	Rs.202.00 lakhs Rs. 7.85 lakhs

ANNEX VII
ANDHRA PRADESH: ACTION PLAN 2011-12

<u>ANDHRA PRADESH: STATUS OF PHYSICAL ACTION PLAN 2011-12</u>				
No.	ACTIVITY	Timeline		Status as on 17.10.2011
		As per Action plan submitted	Status as on 19.08.2011	
I	Appointment of Technical consultant		Completed	
II	Appointment of FMS			Completed (Joined on 15th Sept)
III	Appointment of Social Officer & Communication Expert			
	a) Preparation of TOR	28.05.2011	15.09.2011	Sent to Bank on 28.09.2011
	b) NOC from Bank	31.05.2011	20.09.2011	NOC obtained from Bank on 03.10.2011
	c) Issue of Advertisement	01.06.2011	25.09.2011	Social Scientist of the Board has been inducted to PIU
	d) Receiving of Application	01.07.2011	25.10.2011	
	e) Interviews, Selection & Issue of Appointment Order	15.07.2011	31.10.2011	
IV	Appointment of Executive Engineer and Monitoring & Evaluation Specialist (Through Board Staff)			
	a) Preparation of TORs	25.05.2011	Completed	
	b) Proposal of deputing officials of A.P. Pollution Control Board as Exe. Engineer and Monitoring & Evaluation Specialist in the State Steering Committee	30.05.2011	Completed on 17.06.2011	NOC obtained from Bank on 14.09.2011
	c) Inviting Expression of Interest from APPCB officials	3.06.2011	07.07.2011	The EE & MES are working full time in the project
	d) Selection / Deputing from APPCB officials	10.06.2011	31.08.2011	
V	NMK-KIE			
	Inception report			Submitted by consultants and is reviewed and sent to bank with comments/edits
	a) Evaluation of Technical Bids	17.05.2011	Completed	
	b) Forward to MoEF	24.05.2011	Completed	
	c) NOC from MoEF		received NOC on 06.06.2011	

	d) Forward to Bank	25.05.2011	completed on 07.06.2011	
	e) State Steering Committee	30.05.2011	completed on 17.06.2011	
	f) Preparation of technical evaluation reports		completed on 22.06.2011	
	g) NOC from Bank		completed on 27.06.2011	
	h) Opening of financial bids and negotiations	08.06.2011	completed on 18.07.2011	
	i) NOC from Bank for minutes of negotiations		completed on 04.08.2011	
	j) Signing of Contract	30.06.2011	completed on 25.08.2011	
	h) Commencing of work			Commenced the work from 5.09.2011 Received Bank Guarantee on 20.09.2011.
VI	MSW Kadapa			
	a) Evaluation of Technical Bids	17.05.2011	Completed	
	b) Forward to MoEF	24.05.2011	Completed	
	c) NOC from MoEF		received NOC on 06.06.2011	
	d) Forward to Bank	25.05.2011	completed on 07.06.2011	
	e) State Steering Committee	30.05.2011	completed on 17.06.2011	
	f) Preparation of technical evaluation reports		completed on 22.06.2011	
	g) NOC from Bank on TER		completed on 01.07.2011	
	h) Opening of financial bids and negotiations	08.06.2011	completed on 12.07.2011 and 15.07.2011	
	i) NOC from Bank for rejection and opening of next ranked bid		completed on 05.08.2011	
	j) Opening of financial bids of T2		completed 25.08.2011	
	k) NOC from the Bank for draft contract			Received on 03.10.2011
	l) Signing of contract			Contract signed on 17.10.2011
V (i)	NMK			
	Site Assessment and Development of Sampling Protocol (step 1 and part of step 2)	Aug-11	Sep-11	In progress
VI (i)	MSW Kadapa			

	Site Assessment and Development of Sampling Protocol (step 1 and part of step 2)	Aug-11	Sep-11	
	Sample Analysis and Assessment of Site Pollution Levels (part of step 2 and step 3)	Feb-12	Feb-12	
	Development of Draft Containment and Closure Plans including a separate environmental and social assessment report (Step 4)	Mar-12	Mar-12	
VII	ECAC			
	a) TOR for engaging consultant for preparation of strategy	18.06.2011	27.08.2011	ToRs sent to Bank on 15.09.2011
	b) Forwarding to Bank	20.06.2011	31.08.2011	Sent again on 28.09.2011 and NOC received from Bank on 30.09.2011
	c) Inviting applications as per National Shopping	23.06.2011		Sent on 05.10.2010
	d) Receiving of application	05.07.2011	last date for submission of proposal 30-11-2011	
	e) Finalisation of consultancy	25.07.2011	Jan 06, 2012	
	f) Work order to the consultant		Jan, 12, 2012	
VIII	Impact of MSW Dumpsites on Environment			
	a) Preparation of ToR		20.08.2011	ToRs sent to Bank on 23.09.2011. Reply awaited.
	b) Identification of Municipalities to take-up the study in 1st phase		25.08.2011	Completed
	c) NOC from Bank for ToR and type of procurement		27.08.2011	Yet to be received
	d) Issue of RFP		15.09.2011	
	e) Date for receiving proposal from the consultants		17.10.2011	
	f) Bid Evaluation		31.10.2011	
	g) NOC from Bank for Minutes of the evaluation committee		05.11.2011	
	h) NOC from Bank for Draft Contract		10.11.2011	
	i) Issue of Work Order		15.11.2011	
IX	WEB Page			
	a) WEB Design forwarded to Bank		completed on 05.08.2011	
	b) NOC from Bank		completed on 16.08.2011	
	c) Final Order	20.06.2011	20.08.2011	Completed
	d) Hosting	20.06.2011	24.08.2011	Application submitted to NIC, Hyderabad on

				11.10.2011
X	Lab Equipment			
(i)	a) Closing date for submission of Bids	30.04.2011	completed on 30.04.2011	
	b) Finalisation of bids (6 instruments)	30.06.2011	completed on 25.06.2011	
	c) No objection from World Bank (4 instruments)	02.07.2011	completed on 11.08.2011	
	d) draft purchase order (NOC from Bank)		23.08.2011	
	e) issue of purchase order	15.07.2011	issued on 25.08.2011	Payment of 10% advance against Bank Guarantee for 3 instruments (15lakhs) LC opened for 4 instruments
(ii)	Rebidding for 2 instruments and remaining instruments			
	a)Specs. finanlisation for the remaining instruments		30.08.2011	Specs. sent to Bank on 21.09.2011 for NOC
	b)NOC from Bank for the Specs.		05.09.2011	NOC received on 10.10.2011
	c)Issue of paper notification		10.09.2011	15.10.2011
	d) Last date for submission of bids		10.10.2011	30.11.2011
	e) Finalisation of bids		25.10.2011	31.12.2011
	f) No objection from World Bank		10.11.2011	
	g) Draft purchase order (NOC from Bank)		17.11.2011	
	h) Issue of purchase order		23.11.2011	
XI (i)	Office Equipment	18.05.2011	completed	
XI (ii)	Computer, Laptops & Net Books			
	a) Specifications Preparation and letter of invitation	20.05.2011	completed on 20.05.2011	
	b) Quotations to be received	30.05.2011	completed on 15.06.2011	
	c) Finalisation of bids	03.06.2011	completed on 06.07.2011	
	d) Issue of purchase order	15.06.2011	completed on 04.08.2011	
XII	GIS works and identification of data gaps – Noor Mohammad Kunta			

	a) Preparation of ToR		03.10.2011	ToR under finalisation
	b) NOC from Bank for ToR and type of procurement		10.10.2011	
	c) Call for EoIs		14.10.2011	
	d) Issue of RFP		14.11.2011	
	e) Date for receiving proposal from the consultants		30.11.2011	
	f) Bid Evaluation		12.12.2011	
	g) NOC from Bank for Minutes of the evaluation committee		19.12.2011	
	h) Issue of Work Order		27.12.2011	
XIII	Trainings (Use of modern tools to identify legacy sites & remediation technologies for contaminated sites including monitoring of env. Impact of legacy sites for various classified wastes			
	a) Preparation of ToR		05.09.2011	
	b) NOC from Bank for ToR		10.09.2011	
	c) Call for EoI		12.09.2011	
	d) Short list		15.10.2011	
	e) Issue of RFP		20.10.2011	
	f) Evaluation, negotiations and finalisation		30.11.2011	
	g) NOC from Bank		07.12.2011	
	h) Issue of work order		15.12.2011	
XIV	Inventorisation and classification of HW categories & E-waste and GIS works			
	a) Preparation of ToR		15.09.2011	Draft ToRs sent to Bank on 28.09.2011
	b) NOC from Bank for ToR		20.09.2011	Yet to be received
	c) Call for EoI		25.09.2011	
	d) Short list		25.10.2011	
	e) Issue of RFP		30.10.2011	
	f) Evaluation, negotiations and finalisation		01.12.2011	

ANNEX VIII**WEST BENGAL: ACTION PLAN 2011-12**

S.N	Components		Total Activities of the Project	Outley		Proposed Actions for Apr. 2011 – Mar 2012	Actual Apr-Jun (INR in Lakhs)	Actual Jul-Sep (INR in Lakhs)	Est. Oct-Dec (INR in Lakhs)	Est. Jan-Mar (INR in Lakhs)	Est. for 2011-12 (INR in Lakhs)	
				US\$ in '000	INR in Lakhs							
1	Strengthening of Environmental Institution : Building Capacity for addressing Pollution remediation											
	A	Technical Support			0							
		I	Goods									
		ii	Services	Inventorization and Characterization of HW Categories and Sampling and analysis of HW	264.5	118.87	TOR approved by Bank on 30/09/11 . EOI approved on 12.10.11 and published on 15.10.11. RFP issue by 15.11.2011, Contract signing by 31.01.2012 (30% will be paid)	0.00	0.00	0.00	36.00	36.00
				Assessment and preparation of priority contaminated sites at Khardah, Durqapur, Belda and Dankuni (~2 contracts)	956.46	429.83	TOR approved by Bank, EOI published on 09.09.2011, shortlisting just completed and along with RFP will be sent to Bank very soon for approval, RFP issue by 25.10.2011,Contract signing by 10.01.2012, (30% will be paid)	0.00	0.00	0.00	130.00	130.00
				Impact of MSW Dumpsites on Environment	169.84	76.33	Dropped	0.00	0.00	0.00	0.00	0.00

			Identifying Illegal Dumpsites – Firm	137.22	61.67	Postponed. To be decided by the Bank & MoEF.						0.00
			Sub total 1A(ii)	1528.02	686.69		0.00	0.00	0.00	166.00		166.00
		iii	Incremental Operating Cost	0	0.00							0.00
			Sub total 1A	1528.02	686.69		0.00	0.00	0.00	166.00		166.00
	B	Laboratory Equipment										
		I	Goods	Laboratory Equipment (Package 1) (1 no.) (Flash Point Analyser)	35.67	16.03	Bid invited on 30.05.2011. Bid opened on 15.07.2011. Bid evaluation completed and approved by Bank Contract sign by Oct. 2011 Supply and installation of equipment to be completed by Jan. 2012 (Payment will be made in Jan 2012 as per estimated LOA value of Rs. 12.00)	0.00	0.00	12.00	0.00	12.00
				Laboratory Equipment (Package 2) (4 no.) [Bomb Colorimeter, Solid Waste Extraction Assembly, X-ray Fluorescent Spectrometer, ICP-AES (instead of ICP-MS)]	278.44	125.13	Bid Document approved by Bank on 07.10.11.Draft Tender Notice sent to Bank for approval on 13.10.11,Bid Invitation on 21.10.2011, Bid to be opened on 05.12.11. Bid evaluation by 20.12.2011. Contract sign by 31.12.2012.Supply and installation of equipment to be completed by March 2012 (Payment will be made in Mar. 2012 as per estimated LOA value of Rs.	0.00	0.00	0.00	324.07	324.07

							324.07)					
				Laboratory Equipment (Package 3) (5 no.) (Sampling apparatus assembly for POPs and VOCs, Sampl. apparatus for dioxine and furane, GC-MS(HR), Infra Red Spectrometer, TCLP Appratus Assembly for POPs and VOCs,)	617.60	277.55	Bid preparation by 31.10.2011. Bid to be invited by 04.11.2011. Bid to be opened by 20.12.2011. Bid evaluation by 31.12.2011. Contract sign by 15.01.2012. Partial supply and installation to be completed by Mar. 2012. (10% payment will be made in Mar. 2012 as per estimated LOA value of Rs. 540.05)	0.00	0.00	0.00	54.00	54.00
				Spares and consumables for related instruments (around 40 contracts)	492.20	221.19	8 Letter of Awards have already been issued in July 2011. Most of the items have already been supplied and major payment has already been made within Sep.. 2011)	0.00	37.86	10.00	0.00	47.86
				Operation & maintenance and warranty cost (around 16 contracts)	341.74	153.58		0.00	0.00	0.00	0.00	0.00
				Sub total 1B	1765.65	793.48		0.00	37.86	22.00	378.07	437.93

	C	Environmental Compliance Assistance Centre										0.00
		I	Works	Centre's Interior Design & Development – ECAC	13.36	6.00	Partially completed	0.07	0.00	0.00	0.00	0.07
		ii	Goods	Office Furniture – ECAC	3.80	1.71	Completed	0.00	1.70	0.00	0.00	1.70
				Office Equipment-ECAC								0.00
				Desktops & Laptops	10.46	4.70	Rate Quotations collected and opened on 14.10.2011 under shopping procedure.Evaluation is unedr process. Award to be made by 21.10.2011.Supply and installation to be completed by 15.11.2011.Payment will be made by Nov. 2011	0.00	0.00	4.70	0.00	4.70
				LCD Projector - 1 no.	3.57	1.60	Do	0.00	0.00	1.60	0.00	1.60
				Heavy duty scanner - 1 no.	1.19	0.53	Do	0.00	0.00	0.53	0.00	0.53
				Heavy duty printer - 1 no.	1.43	0.64	Do	0.00	0.00	0.64	0.00	0.64
				Servers - 2 (Internet connectivity & data collection / storage)	28.53	12.82	LOA issued on 16.08.2011. Supply completed on 30.09.11 and installation to be completed within 25 Oct 2011.	0.00	3.85	0.00	0.00	3.85
				OS Software for servers	14.27	6.41	Award to be made by Dec. 2011. Supply and installation to be completed by Jan. 2012. Payment will be made accordingly.	0.00	0.00	0.00	6.41	6.41

				OS MS-Office x 6 computers	3.42	1.54	Rate Quotations collected and opened on 14.10.2011 under shopping procedure. Evaluation is under process. Award to be made by 21.10.2011. Supply and installation to be completed by 15.11.2011. Payment will be made by Nov. 2011	0.00	0.00	1.54	0.00	1.54
				Database Software for ECAC	55.80	25.08	Award to be made by Dec. 2011. Supply and installation to be completed by Jan. 2012. Payment will be made accordingly.	0.00	0.00	0.00	25.00	25.00
				Firewall	9.30	4.18		0.00	0.00	0.00	0.00	0.00
				Sub total 1C(ii)	131.77	59.22		0.00	5.55	9.01	31.41	45.97
		i	Services	Preparation of a detailed business strategy and plan ECAC	180.34	81.04	TOR approved by Bank,EOI issued on 26.08.2011. Shortlisting completed on 30.09.2011.and will be sent to bank along with RFP very soon for approval. RFP to be issued by 31.10. 2011. Contract signing by 15.01.2012. (10%+20% have been considered to be released in 4th quarter)	0.00	0.00	8.00	16.00	24.00
				Technology Assimilation/Sector studies done by International experts-ECAC (for chemical & Petrochemical sector)	1298.43	583.51		0.00	0.00	0.00	0.00	0.00

				Periodic sector studies done by domestic / national experts – ECAC – Individuals (2 studies per year)- around 8 studies	1659.32	745.70	Sponge Iron & Tannery Sector during 2011-12.TOR approved by Bank,EOI issued on 26.08.2011. Shortlisting completed on 30.09.2011.and will be sent to bank along with RFP very soon for approval. RFP to be issued by 31.10. 2011. Contract signing by 15.01.2012. (10% in 3rd quarter & 20% in 4th quarter).For Spong Iron Sector- Due to non availability of suitable prospective consultants expert committee recomended for readvertisement.Accordingly proposal will be sent to Bank shortly for such re-advertisemnet. 10% considered in 4th quarter Lead Acid Battery Sector during 2011-12. TOR sent to Bank for approval. EOI to be issued by 25.10.2011 Shortlisting by 25.11.2011. RFP to be issued by 05.12.2011. Contract signing by 25.02.12. (10% has been considered to be released in 4th quarter)	0.00	0.00	9.30	37.00	46.30
			*	WBPCB Staff-Full time-ECAC	107.18	48.17		0.00	0.00	0.00	0.00	0.00

				Centre Dedicated Staff-ECAC	315.24	141.67	Office Assistant already appointed and Env./ Industry Specialist, IT Specialist, Asst. IT Specialist will be appointed by Dec. 2011.	2.01	2.17	2.31	3.51	10.00
				Sub total 1C(iii)	3560.51	1600.09		2.01	2.17	19.61	56.51	80.30
		Iv	Incremental Operating Cost	Office Infrastructure								0.00
				Office Rent-ECAC	278.24	125.04	-	1.80	2.70	2.75	2.75	10.00
				Newsletter/publication								0.00
				Quarterly newsletters (4 per year)-ECAC	26.16	11.76	One newsletter will be published by 15.12.2011. Payment will be released accordingly.	0.00	0.00	1.00	0.00	1.00
				Annual report-ECAC	37.66	16.92		0.00	0.00	0.00	0.00	0.00
				Sector Specific reports (3 per year)-ECAC	77.98	35.04		0.00	0.00	0.00	0.00	0.00
				Sub total 1C(iv)	420.04	188.77		1.80	2.70	3.75	2.75	11.00
		V	Training and Workshop	Information dissemination workshops and training								0.00
				Technology Fair	129.03	57.99	ToR to be prepared & sent to the Bank by 31.10.2011. EoI to be invited by 08.11.2011 under CQ method. Shortlisting by 05.12.2011 . Contract signing by 15.01..2012. 1st technology fair will be arranged by 15.02..2012. Proportionate payment will		0.00	0.00	15.00	15.00

							be made within 4th quarter.					
				Information dissemination workshops with strategic partners Cross-sectoral/large(2 per year)	143.74	64.60			0.00	0.00	0.00	0.00
				Information dissemination workshops with strategic partners – sector specific (4 per year)	143.74	64.60			0.00	0.00	0.00	0.00
				Specialised technical training (4 per year)	143.74	64.60	Two trainings will be arranged by Dec. 2011 and Mar. 2012.		0.00	3.50	3.50	7.00
				Professional Exchange visit for stakeholders	114.99	51.68	One prof. exchange visit will be arranged by 15.03.2012.		0.00	0.00	12.00	12.00
				Sub total 1C(v)	675.24	303.45		0.00	0.00	3.50	30.50	34.00
				Sub total 1C	4800.92	2157.53		3.88	10.42	35.87	121.17	171.34
	D	Training		Operation of Equipments Used for Contamination (soil & ground water aquifer) study including POP and VOC; and QA & QC	114.35	51.39						0.00

			Quantification and Categorization of Process Specific HW	26.72	12.01						0.00
			Statistical Methods for Interpretation and Validation of Data	55.30	24.85						0.00
			Use of Modern Tools to Identify Legacy Sites & Remediation Technologies for Contaminated Sites .	57.17	25.69						0.00
			Monitoring of Environmental Impact of Legacy Sites for Various Classified Wastes	122.35	54.98						0.00
			Development of Onsite and Offsite Emergency Response Plans	32.73	14.71						0.00
			Integration of 4 R Approach in Processes	14.73	6.62						0.00
			Monitoring of Landfill Gases and Leachate Analysis for municipality	70.04	31.48						0.00
			Sub total 1D	379.04	170.34		0.00	0.00	0.00	0.00	0.00
	E	Upgrading Information Management System									0.00

		I	Goods	Upgradation of existing server; procurement of server & networking devices, GPS to incorporate GIS mapping of HW units coupled with existing environmental management information system	105.68	47.49	LOA issued on 16.08.2011. Supply completed on 30.09.11 and installation to be completed within 25 Oct 2011. Payment has been made accordingly. Award, supply & installation of balance items will be made by 15.12.2011. Payment will be made accordingly.	0	21.25	0.00	0.00	21.25
		ii	Services	Technical Manpower (consultant- Information Management System)	21.4	9.62		0.00	0.00	0.00	0.00	0.00
				Sub total 1E	127.08	57.11		0.00	21.25	0.00	0.00	21.25
				Sub total 1	8600.71	3865.16		3.88	69.53	57.87	665.24	796.52
2	Investments in Priority Remediation and Environmental Improvements : Rehabilitation of abandoned contaminated sites											
	A	Remediation of Hazardous Waste Site										0.00
		I	Works	Remediation works (Excavation and related Works) - Hooghly HW Sites (1203.64+6375.05)	7578.69	3405.86	-	0.00	0.00	0.00	0.00	0.00
				Remediation & upgradation of Chakundi Site (design, engineering, remediation and transport work - Chakundi site)	1711.4	769.10		0.00	0.00	0.00	0.00	0.00
				Sub total 2A(i)	9290.09	4174.97		0.00	0.00	0.00	0.00	0.00
		ii	Goods		0	0		0.00	0.00	0.00	0.00	0.00

		iii	Services	Detailed feasibility / engineering study, bid document preparation and supervision - Hooghly HW Sites	467.54	210.11	Price bid of technically highest ranked bidder has been opened. Negotiation meeting completed. NOC from Bank received. Letter of award and contract to be signed by Oct. 2011. 20% on final price of Rs. 386 lakhs has been considered to be released during this year as per RFP.	0.00	0.00	39.00	39.00	78.00
				Independent Supervision Consultant- Hooghly HW Sites	98.48	44.26	TOR to be prepared by Dec 2011. Advertisement to be issued by 20.03.2012	0.00	0.00	0.00	0.00	0.00
				Supervision Consultant- Chakundi Site	40.01	17.98		0.00	0.00	0.00	0.00	0.00
				Community communication - Hooghly HW Sites- NGO/Firm	6.57	2.95	ToR to be prepared by 15.12.2011. EoI to be invited by 31.12.2011. Contract award to be completed by 31.03.2012	0.00	0.00	0.00	0.00	0.00
				Independent third-party soil & water monitoring -Hooghly HW Sites	139.62	62.75		0.00	0.00	0.00	0.00	0.00
				Sub total 2A(i)	752.22	338.05		0.00	0.00	39.00	39.00	78.00
				Sub total 2A	10042.31	4513.02		0.00	0.00	39.00	39.00	78.00
	B	Remediation of Dhapa MSW sites										0.00
		I	Works	Closure and Containment works -	7704.04	3462.20	Design to be completed by 31.03.2012.	0.00	0.00	0.00	0.00	0.00

				Dhapa MSW Site								
		ii	Goods		0.00	0.00						0.00
		iii	Services	Detailed design, engineering, bid document preparation and supervision - Dhapa MSW Site	106.87	48.03	Price bid of technically 2nd ranked bidder will be opened and negotiation meeting by 15.11.2011 Letter of award and contract to be signed by 30.11.2011. 20% on estimated LOA value of Rs. 300 lakhs has been considered to be released during this year as per RFP.	0.00	0.00	30.00	30.00	60.00
				Supervision Consultant- Technical Audit-Dhapa	129.84	58.35	TOR to be prepared by Dec. 2011. Advt. to be issued by 20.03.2012	0.00	0.00	0.00	0.00	0.00
				Community communication - Dhapa MSW Site	43.28	19.45	ToR to be prepared by 15.12.2011. EoI to be invited by 31.12.2011. Contract award to be completed by 31.03.2012	0.00	0.00	0.00	0.00	0.00
				Sub total 2B(iii)	279.99	125.83		0.00	0.00	30.00	30.00	60.00
				Sub total 2B	7984.03	3588.03		0.00	0.00	30.00	30.00	60.00
				Sub total 2	18026.34	8101.05		0.00	0.00	69.00	69.00	138.00
3	Project Management											0.00
	A	Establishment / Consultancy Services		Procurement Assistant - 1 Nos. (Full time)	26.95	12.11	Procurement Asst. already appointed @ Rs.17000/- p.m.	0.51	0.51	0.51	0.51	2.04
				Procurement Specialist (Full time)	38.61	17.35	Procurement consultant already appointed @ Rs. 50000/- p.m.	1.50	1.50	1.50	1.50	6.00

			Environment & Social Safeguards Specialist	46.09	20.71	TOR approved by Bank, EOI published on 09.09.2011, shortlisting is unedr process and draft RFP along with shortlisting report will be sent to Bank very soon for approval, RFP issue by 31.10.2011,Contract signing by 15.01.2012, (20% payment has been considered will be paid)	0.00	0.00	0.00	4.00	4.00
			Communication Specialist-Consultant	46.09	20.71		0.00	0.00	0.00	4.00	4.00
			Project Training Specialist (Full time)	55.38	24.89	Appointment by Dec'11	0.00	0.00	0.00	1.50	1.50
			Project Officers - 3 Nos.	196.1	88.13	1 Proj. Eng. and 1 Proj. IT Officer appointed @ Rs. 40000/- p.m. Other will be appointed by Dec. 2011.	2.40	2.40	2.40	3.60	10.80
			Project Assistants - 5 Nos. (Full time)	336.87	151.39	1 Scientific Asst. @ Rs.17000/- p.m. already appointed. Others will be appointed by Dec. 2011.	0.06	0.51	0.51	2.00	3.08
			Project Coordinator (Full time - 4 Nos.)	33.79	15.19	Already appointed @ Rs. 37000/- p.m. (under re-employment procedure) and resigned w.e.f 30.09.11. Fresh appointment by Dec 2011	1.12	1.12	0.75	2.25	5.24
			Account Assistants - 2 Nos. (Full time)	40.44	18.17	Both Acc. Asst. @ Rs.17000/- p.m. already appointed.	0.51	1.02	1.02	1.02	3.57

			Sub total 3A	820.32	368.65		6.10	7.06	6.69	20.38	40.23
	B	Goods and Equipment	Office Furniture/AC	24.08	10.82	Major Furnitures procured. Rest procurement will be completed by 31.12.2011. Payment will be made accordingly.	0.00	8.59	2.00	0.00	10.59
			Office equipment								0.00
			Desk Top Computers(10 Nos.)	10.70	4.81	Rate Quotations collected and opened on 14.10.2011 under shopping procedure. Evaluation is under process. Award to be made by 21.10.2011. Supply and installation to be completed by 15.11.2011. Payment will be made by Nov. 2011	0.00	0.00	4.80	0.00	4.80
			Laptop Computers(10 Nos.)	12.84	5.77	Do	0.00	0.00	5.77	0.00	5.77
			Printers (2 Nos.)	2.68	1.20	Do	0.00	0.00	1.20	0.00	1.20
			LCD Projector	5.35	2.40	Supply and installation to be completed by 15.12.2011. Payment will be made accordingly.	0.00	0.00	2.40	0.00	2.40
			Photocopy Machines(Multi functional device)	2.68	1.20	Award has already been made . Rental charges will be made quarterly basis.	0.00	0.00	0.30	0.30	0.60
			Dhapa (NGO Work)								0.00
			Dhapa: Safety equipment (boots,	92.16	41.42		0.00	0.00	0.00	0.00	0.00

				gloves, masks) for ragpickers								
				Identity cards for ragpickers	8.02	3.60		0.00	0.00	0.00	0.00	0.00
				Sub total 3B	158.51	71.23		0.00	8.59	16.47	0.30	25.36
	C	Domestic/Abroad Training / Study Tour			0.00	0.00						0.00
	D	Incremental Operating Cost										
				Stationery, supplies & miscellaneous	47.19	21.21		0.17	0.07	1.00	1.90	3.14
				Books, Journals & Publications	20.51	9.22		0.00	0.03	0.50	1.00	1.53
				Steering Committee Meeting costs	30.73	13.81		0.00	0.00	0.50	0.50	1.00
				Vehicles & Transport including maintenance (Rent)	170.12	76.45	Monthly bills are being paid.	2.60	2.74	4.00	4.40	13.74
				TA & DA for PIU	126.13	56.68	As and when required.	1.72	0.24	2.00	3.25	7.21
				Training of PIU Staff	61.53	27.65		0.00	0.00	1.00	1.50	2.50
				Website	17.54	7.88	Webpage has been created in Jun. 2011. Further development will be taken in Mar. 2012.	0.00	0.00	0.00	0.00	0.00
				Telephones & Internet (capital cost)	5.94	2.67		0.00	0.03	0.25	0.25	0.53
				Telephones & Internet (recurring cost)	87.27	39.22		0.00	0.03	1.50	1.50	3.03
				Advertisements / Tender notifications	124.36	55.89		5.22	3.10	6.00	6.00	20.32
				Procurement Committee & costs	55.06	24.74		0.71	0.69	1.00	1.00	3.40

				Grievance Redressal Committee Meeting & Costs	30.77	13.83		0.00	0.00	0.50	0.50	1.00
				Audit Fees	23.54	10.58	Preparation of TOR, approval from bank, Advertisement by 15.11.2011. Appointment by Feb 2012. Payment will be made accordingly.	0.00	0.17	0.00	2.00	2.17
				Bank Charges					0.09	0.10	0.13	0.32
				Sub total 3D	800.69	359.83		10.42	7.19	18.35	23.93	59.89
	E	Monitoring and Evaluation		Dhapa (NGO Work)	235.05	105.63	ToR to be prepared by 15.11.2011. EoI to be invited by 30.11.2011. Contract award to be completed by 31.03.2012	0.00	0.00	0.00	0.00	0.00
				Hooghly sites (NGO Work)	46.09	20.71	ToR to be prepared by 15.11.2011. EoI to be invited by 30.11.2011. Contract award to be completed by 31.03.2012.	0.00	0.00	0.00	0.00	0.00
				Environmental Monitoring Initiative - Dhapa	24.68	11.09		0.00	0.00	0.00	0.00	0.00
				Environmental Monitoring Initiative - Hooghly	78.14	35.12		0.00	0.00	0.00	0.00	0.00
				Dhapa (Income restoration / Compensation /	191.46	86.04		0.00	0.00	0.00	0.00	0.00

				Grievance)								
				Hooghly sites (Income Restoration & Grievance)	40.7	18.29		0.00	0.00	0.00	0.00	0.00
				Sub total 3E	616.12	276.88		0.00	0.00	0.00	0.00	0.00
	F	Project Preparation Cost		IBRD Front End Fee	30.00	13.48		0.00	0.00	0.00	0.00	0.00
				Sub total 3	2425.64	1090.08		16.52	22.84	41.51	44.61	125.48
				GRAND TOTAL	29052.69	13056.28		20.40	92.37	168.38	778.85	1060.00

Budgeted Figure was on
26.08.2011

20.40	102.19	284.30	736.77	1143.66
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