A. Introduction, Objectives, Acknowledgements and Schedule

1. The Second Implementation Review mission of this project was undertaken during November 10 – December 30, 2011. During the site visits and discussions, the World Bank team was joined by officials and staff of the SICOM (the national project management unit) and the State Project Management Units from Gujarat, Odisha and West Bengal. The mission included field visits to the cities of Jamnagar, Bhuj, Mandavi and Gandhidham and the villages along the southern cost of the Gulf of Kachchh in Gujarat; to Bhubaneswar and the villages around the Chilika Lagoon in Orissa; to Kolkata and the villages on the Sagar Island in the Sundarban and to Digha-Shankarpur Area in West Bengal; to Chennai, Chidambram and Pichavaram in Tamil Nadu. The mission also included progress review meetings with Project Implementing Agencies and the National and State Governments in New Delhi, Chennai, Gandhinagar, Bhubaneswar and Kolkata.

2. Objectives of the mission included: (a) reviewing the process of initiation and implementation of the Project activities, including the schedule of completing the first and second year activities; (b) preparing an action plan to speed up procurement and disbursement in the Project, in light of the current slow disbursement; (c) assessing the status of actions agreed since the First Implementation Support Mission (May-June 2011); (d) reviewing the progress on the setting up of satisfactory financial management system, procurement management system, environmental and social impact management processes, grievance redress processes, and the roll-out of the communication strategy and plans; (e) finalizing and agreeing on the detailed monitoring and reporting system relevant to implementation of the social and environmental management plan for the project; (f) finalizing the monitoring and evaluation processes for the project.

3. During the mission, discussions were held with the State Project Directors and the staff of the State Project Management Units (SPMUs), Priority Investment Executing Agencies (PEAs), and community groups including Community-based Organizations (CBOs) and Self-help Groups (SHGs) involved in implementation of the Project in Odisha, West Bengal and Gujarat. The mission had wrap-up meetings with the Chief Secretary of the Government of West Bengal, the Principal Secretary Environment and Forests in Orissa, and the Principal Secretary, Environment and Forests in Gujarat; with the Director, DEA; and with the Secretary and the Special Secretary of the Ministry of Environment and Forests, Government of India. The list of officials and prominent stakeholders met during the mission is presented in Annex 1.

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1 The World Bank team consisted of Thomas O’Brien (Manager, SARDE), K. Roy Paul (Coastal Zone Management, consultant), Parthapriya Ghosh (Social Development Specialist), D Nagaraju (Senior Procurement Specialist), S. Krishnamurthy (Financial Management Specialist), Roshni Sarah John (Program Assistant), A Sita Ramakrishna (Environment Specialist) and Tapas Paul (Senior Environmental Specialist and TTL).
B. Key Project Data

<table>
<thead>
<tr>
<th>Project Data</th>
<th>Project Performance Ratings</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Summary ratings</td>
</tr>
<tr>
<td>Board Approval</td>
<td>Achievement of PDO</td>
</tr>
<tr>
<td>Effectiveness Date</td>
<td>Implementation Progress</td>
</tr>
<tr>
<td>Original Closing Date</td>
<td>Financial Management</td>
</tr>
<tr>
<td>MTR Date</td>
<td>Procurement</td>
</tr>
<tr>
<td>Original Credit Amount</td>
<td>Project Management</td>
</tr>
<tr>
<td>Amount Disbursed</td>
<td>Counterpart Funding</td>
</tr>
<tr>
<td></td>
<td>Monitoring and Evaluation</td>
</tr>
</tbody>
</table>

C. Achievement of Development Objectives

4. The Project Development Objectives are to assist GOI in (i) building national capacity for implementation of comprehensive coastal management approach in the country, and (ii) piloting the integrated coastal zone management approach in states of Gujarat, Odisha and West Bengal.

5. Institutional Capacity: The appropriate national institutional structure for guiding and coordinating implementation of ICZM approaches has been established including: (i) the National Coastal Zone Management Authority (NCZMA), and the State Coastal Zone Management Authorities (SCZMAs); (ii) initiation of formation of District Level Coastal Zone Management Authorities (DCZMAs); (iii) mandating Society for Integrated Coastal Management or SICOM (which is the national project management unit) to be responsible on behalf of MOEF to coordinate all conservation and community livelihood programs for integrated management of the coastal and marine areas, and coordinate all programs for conservation and sustainable development of marine biodiversity of the country. The Government of Odisha has mandated the Integrated Coastal Zone Management Society of Odisha (which is the SPMU) to be the secretariat of the Odisha SCZMA; (iv) Recruitment of the first batch of 60 staff for the National Centre for Sustainable Coastal Management (NCSCM) is delayed, but expected to be completed soon.

6. Improving Knowledge Base: A number of knowledge initiatives have taken place including: (i) establishing expert committees to prepare guidelines and national agenda for marine biodiversity (in progress) and safeguarding critical infrastructure from tsunami (completed); (ii) NCSCM has completed preparation of shoreline change (1972-2010) maps for the country; and all maps for Gujarat, Odisha, Kerala and Pondicherry have been publicly disseminated after ground verification; (iii) MoEF has announced and initiated steps for setting up the National Centre for Marine Biodiversity in Jamnagar, Gujarat in partnership with private sector; a Wetland Research Centre at an initial cost of US$ 12 million; and a Turtle Research Centre – both in Odisha; (iv) Gujarat has published detailed mangrove and coral maps; a report on valuation of the corals in Gulf of Kachchh. Calcutta University has been able to get NCBI, USA accreditation for gene maps of 363 new non-culturable microbes. All these knowledge products are available in public domain, such as at websites; (v) activities related to hazard mapping, analysis of tidal data, and economic valuation studies are progressing well.

7. Policy and Regulation: January, 2011 CRZ notification became formally effective replacing CRZ Notification 1991. In addition, an Island Protection Zone Notification, 2011 also became effective covering Andaman and Nicobar and Lakshadweep Islands. Based on this experience, SICOM has prepared concept notes for a proposed River Zone Regulation for conservation of estuaries; and a
proposed Fisher Persons' Rights Act. Both concept notes were disseminated, including in SICOM website, for public comments.

**Likelihood of achieving Project Development Objective**

8. Project implementation has started and considerable progress has been made under different components of the project. Even if good progress is noticed, available data is insufficient for an objective assessment for the likelihood of achieving the PDOs. However, the progress made since the last implementation support mission, and the continuing public and stakeholder engagement suggest that the PDOs are likely to be achieved.

9. **Replication:** As agreed between the World Bank and the GOI at appraisal of the Project, replicability more than sustainability will be the true test of the Project. The GOI has recommended that MOEF should start preparing plans and proposals for replicating the Project in all of the 9 coastal states and 4 coastal union territories. MOEF had organized a national workshop in October, 2011 to prepare concept notes for the larger project. All State Governments and Union Territory Administrations are preparing project concept notes. SICOM will provide an update of the status of preparation by March 2012.

**Likelihood of Achieving Intermediate Outcomes**

10. Following is a summary discussion on the likelihood of achieving the intermediate outcomes. Annex 2 describes the achievement in each sub-component activity including the related indicators in greater detail.

<table>
<thead>
<tr>
<th>Component</th>
<th>Planned Intermediate Outcome</th>
<th>Up to Last mission</th>
<th>Major achievements since last mission</th>
<th>Overall Remarks</th>
</tr>
</thead>
<tbody>
<tr>
<td>One</td>
<td>National Capacity Built for guiding and coordinating ICZM</td>
<td>Likely</td>
<td>Expert Group Reports on Marine Biodiversity and Protection of Critical Infrastructure for Tsunami. Land issue for the NCSCM sorted; but no progress recruitment at NCSCM. Aerial photograhy started. Photogrammetry bids invited. Analyses of tidal data for 21 major and 250 minor ports completed. Third Ecologically Sensitive Area (ESA) - Vedaranyam identified.</td>
<td>Somewhat at risk</td>
</tr>
<tr>
<td></td>
<td>Coastal Management Areas Demarcated and Verified</td>
<td>Highly Likely</td>
<td></td>
<td>Highly Likely</td>
</tr>
<tr>
<td>Two</td>
<td>Gujarat state and other stakeholder’s capacity built in implementing ICZM approaches</td>
<td>Highly Likely</td>
<td>The project and the ICZM agenda continue to receive attention at the highest policy levels. Good results already achieved at the village community level. A second training for all judges of the High Court and all State Judicial Staff organized.</td>
<td>Highly Likely</td>
</tr>
<tr>
<td>Three</td>
<td>Odisha state and other stakeholder’s capacity built in implementing ICZM approaches</td>
<td>Highly Likely</td>
<td>The project and the ICZM agenda are receiving adequate attention at the highest policy levels. Very substantial communication and consultations continuing. A number of additional knowledge and capacity building activities initiated. Most pilot investments progressing well.</td>
<td>Highly Likely</td>
</tr>
<tr>
<td>Four</td>
<td>West Bengal state and other stakeholder’s capacity built in implementing ICZM approaches</td>
<td>Likely</td>
<td>The project and the ICZM agenda are receiving attention and review at the highest policy levels. Electricity reached Sagar Island and its 250,000 people. Work of the distribution system awarded. Digha festival organized, around the project. Implementation accelerated.</td>
<td>Likely</td>
</tr>
</tbody>
</table>
D. Current Progress of Implementation

11. Following is a summary discussion on current progress of implementation. Annex 2 describes the achievement in each sub-component and each of the activities within the sub-component in greater detail.

12. Progress on Agreements during the Last Mission: Overall, there has been progress on all of the actions agreed during the first implementation support mission (May-June 2011).

   a. The completed actions include the following: (i) Gujarat and West Bengal had appointed near-full time state project directors; (ii) NPMU and all SPMUs prepared and finalized annual action plans; (iii) SPMUs in Odisha and West Bengal recruited the planned staff; (iv) SPMU West Bengal effected the communication cell and started full-scale communication activities; (v) NPMU declared MSSRF as a PEA for implementing the planned activities at the Vedaranyam ESA; (vi) Odisha released the state’s share of funds; (vii) land for solid waste management at Paradip was selected and finalized; (viii) Odisha State Pollution Control Board completed its entity statutory audits.

   b. The following actions had some progress, even if completion will take time: (i) NPMU and SPMUs together produced a format for QPR which will require further improvement; and the current idea is to automate such progress reporting to be completed by June 2012. (ii) The forum for discussing and agreeing on the scope of ICZM Plan; (iii) Preparation of Oil-Spill Disaster Risk Management Plan for the Gulf of Kachchh in Gujarat; (iv) Preparation of an alternative but comprehensive strategy for Cyclone Risk management in West Bengal; (v) Finalizing plans for environmental improvement of “mela ground” at Sagar Island of West Bengal. (vi) Most importantly, very little progress has been made at the NPMU with regard to recruitment of the planned staff including the Additional Project Director.

13. Major Issues: At present the major issues are: (a) slower than anticipated disbursement performance which needs to be improved; (b) slack in the capacity and staffing of the national project management unit including low performance of staff recruited and staff turnover; and (c) lack of adequate progress on recruitment of research staff and lack of effective performance at the NCSCM.

14. Component One - National ICZM Capacity Building: Sub-component (1A) Hazard Mapping has progressed very well, and could be completed in advance of estimated schedule; analysis of tidal data for 21 major and about 150 minor ports has also progressed very well; erosion mapping is progressing satisfactorily. (1B) Identification and mapping of two ecologically sensitive areas – Dandi in Gujarat and Vedaranyam in Tamil Nadu has been completed; mapping of the third, the Vembanad lake in Kerala has started. (1C) Initial work to start mapping of coastal sediment cells completed; further analysis is delayed due to delay in recruitment of staff at NCSCM. (1D) National Center for Sustainable Coastal Management (NCSCM) has been established, recruitment of the first batch 58 staff is in process, now expected to be completed in February 2012 with a delay of 6 months; and as a result the research studies will now be starting with a delay of 6 to 9 months. (1D) The full capacity building plan of MOEF is expected to be rolled out on schedule; a number of small and discrete capacity building activities are already under implementation. (1E) Project management activities are underway; staffing of the project management unit was near complete, but has experienced performance...
issues lately. The capacity and performance of the communication and capacity building cell; and the procurement and administration cell need substantial augmentation; whereas the financial management cell is working fine. Early recruitment of senior staff and head of procurement and procurement of HR consultants to set up a system of performance tracking and evaluation will be required. Financial management support consultants, internal and external auditors are in place. Terms of reference for the monitoring and evaluation consultants are under preparation. Very substantial communication and stakeholder engagement activities were already implemented, and continuing.

15. Component Two – Piloting ICZM Approaches in Gujarat: Implementation of all planned activities has started; and is satisfactory. (2A) A large number of stakeholder workshops and discussions have been organized to scope the ICZM Plan and a formal process for finalizing the ToR is initiated, preparation of ICZM Plan will start in Year 3. (2B) Capacity building activities are progressing satisfactorily, and the training sessions organized for judicial officers and judges had been excellent. (2C) Priority investments are progressing well, especially the livelihood enhancement related activities; 4,935ha of mangrove had been planted and about 2,800ha planted 2010-11 has been verified; and community mobilization work is near complete in 134 out of 163 villages. For livelihood improvement pilot investments, community mobilization is nearly completed in 50 villages, and progressing well in the remaining villages; and 48 entry point activities, mostly small civil works, have been completed; the work of sewerage in Jamnagar is progressing satisfactorily; the work on marine conservation research center activity is further delayed due to the lack of progress by the National Project Management Unit with respect to the National Center for Marine Biodiversity. (2D) Project management activities, including financial management and communication are progressing very well.

16. Component Three - Piloting ICZM Approaches in Odisha: This component, overall, has also progressed well, and the current achievements are highly satisfactory. (3A) Workshops and discussions have been organized to scope the ICZM Plan, and related topics of shoreline management and management of the Sundarban estuaries and islands. (3B) The capacity building activities of the Chilika Development Authority are progressing very well, where substantial recruitment of staff and procurement of equipment, hardware and software have been completed; and there has been reasonable progress in the activities by the Odisha State Pollution Control Board (3C) Priority investments have started in a very satisfactory manner, especially the livelihood enhancement related activities; the transaction advisory services on solid waste management work in Paradip will start soon as the issue of final transfer of land for the landfill site from the Paradip Port Trust has now been resolved. Odisha State Disaster Management Authority progressed very well and contracts for 13 out of 14 cyclone shelters have been awarded. (3D) Project management activities, including financial management, and especially the communication and stakeholder engagement activities are progressing very well.

17. Component Four - Piloting ICZM Approaches in West Bengal: As expected (after the electoral change, during and before which the project was progressing very slowly) this Component is nearly back on schedule; and should be able to catch up performance of the other project states earlier than June 2012 (as was anticipated during the last mission). (4A) Workshops and discussions have been organized to scope the ICZM Plan, and related topics of shoreline management and management of the Sundarban estuaries and islands. (4B) The capacity building activities of Calcutta University has progressed very well, where already world-class research results are available (including recognition by the international authority NCBI, USA on its genomic research. The knowledge activities at the Institute of Environmental Sciences and Wetland Management is now on track, and the program for installing tide gauges tied up with global network is on track. (4C) Priority investments have started receiving attention at highest policy levels, and guided by the Chief Secretary has now started moving very well. The work of electricity distribution at Sagar Island has been awarded; and the transmission line has been completed by the West Bengal State Electricity Distribution Company Limited. Bid documents for sewerage and sewage treatment works; drainage improvement works and a fish auction centre – all at Digha are nearly ready. SPMU has invited and received interests from about 50 NGOs to
support livelihood activities at the Sagar Island; and activities are expected to start as soon as the partnering NGOs are selected. The initial work of renovation of the marine aquarium by the Zoological Survey of India has been good. (4D) Project management activities, including financial management, and especially the communication and stakeholder engagement activities progressing very well.

E. Status of Legal Covenants:

18. The Table below presents the compliance status related to the covenants applicable to project implementation.

<table>
<thead>
<tr>
<th>Covenant</th>
<th>Limit</th>
<th>Due Date</th>
<th>Status</th>
</tr>
</thead>
<tbody>
<tr>
<td>Maintain NPMU and SPMU with suitably qualified personnel and sufficient resources</td>
<td>Throughout Project period</td>
<td>September 22, 2010</td>
<td>Complied.</td>
</tr>
<tr>
<td>Each PEA will maintain dedicated suitably qualified personnel and sufficient resources</td>
<td>Throughout Project period</td>
<td>March 21, 2011</td>
<td>Complied.</td>
</tr>
<tr>
<td>Each Project State will make adequate annual budgetary allocations, and shall transfer 10% of the estimated cost of the respective State Component to the SPMU</td>
<td>First part of each FY</td>
<td>December 2010 (FY11) November 2011 (FY12)</td>
<td>Complied; except for partial compliance in Gujarat and West Bengal for FY12.</td>
</tr>
<tr>
<td>Each Project State will establish and maintain a State Level Steering Committee</td>
<td>Throughout Project period</td>
<td>September 22, 2010</td>
<td>Complied.</td>
</tr>
<tr>
<td>NPMU and SPMUs shall maintain specific dedicated cells as agreed; and will engage full-time qualified procurement specialists and finance professionals</td>
<td>Throughout Project period</td>
<td>September 22, 2010</td>
<td>Complied except for staff turnover or recruitment issues in Gujarat and West Bengal.</td>
</tr>
<tr>
<td>The NPMU will submit quarterly consolidated IUFRs</td>
<td>45 days after end of quarter</td>
<td>July 15, 2011</td>
<td>Complied as per due dates.</td>
</tr>
<tr>
<td>Internal Auditors (for NPMU and SPMUs); External Auditors (by NPMU) will be in place</td>
<td>6 months from start</td>
<td>March 21, 2011</td>
<td>Complied.</td>
</tr>
<tr>
<td>NPMU will submit annual audit reports for the entire project</td>
<td>6 months from close of FY</td>
<td>September 30, 2011</td>
<td>Complied.</td>
</tr>
<tr>
<td>NPMU and the SPMUs will establish, operationalize and maintain computerized accounting system</td>
<td>3 months from start</td>
<td>December 21, 2011</td>
<td>Complied.</td>
</tr>
</tbody>
</table>

F. Environmental Management

19. The project is following the avoidance principles built in its design to ensure long-term conservation of coastal and marine resources and at long term sustainability. Implementation plans for all activities include environment management measures; and monitoring measures to ensure that the issues avoided during design do not recur. The proposed monitoring and evaluation processes (which are yet to start in a systematic way) include plans for conducting social audit and third-party audits as relevant. All these environment management measures have been adequately budgeted and staffs have been designated to provide the required oversight. The three tier grievance redress system has been established in the SPMUs in Gujarat, Odisha and West Bengal. Regulatory clearances, such as the CRZ clearance where relevant is being ensured before award of works contracts. See Annex 3 for detailed discussions.

20. The project is being implemented by professionals of NPMU and SPMUs with a good level of environment awareness and experience. However, not all the staffs of the NPMU, SPMUs and the
PEAs are fully aware of the precautionary needs of this Project, and about the environmental avoidance, mitigation or monitoring processes agreed for this Project. Efforts are underway that (a) an activity-wise detailed chart is prepared summarizing all actions proposed in the environmental management plan for the Project, and disseminated to all staff of NPMU, SPMU and PEAs; and (b) an orientation cum training program for all such staff is held by January 2012.

21. A very detailed plan for monitoring and reporting on the implementation of the environmental management and social impact management plan (together called the EMP in the project) has been prepared. By virtue of being very detailed and very systematic, this also means very detailed and heavy workload. As such manual use of this plan including all of its formats will be unwieldy. Therefore, it was agreed that this entire plan and formats for monitoring and reporting on progress of implementation and efficacies of the EMP will be dovetailed with the QPR; and will be fully automated, and be web-based. Work on this is expected to be completed by March 2012, and the QPR for the period January-March 2012 (to be submitted by May 2012) should be able to demonstrate the effectiveness of such an automated and web-based system.

G. Management of Social Issues and Impacts

22. The mission was pleased to note the continuous progress made in community mobilization in Gujarat. Collection of baseline data has been completed in more than 50% of the villages. Self Help Groups (SHGs) for income generation activities and Eco-Development Committees (EDCs) and Community Based Organizations (CBOs) for mangrove plantations have formed in over 140 villages. Several awareness generation and capacity building activities including orientation or exposure visits for CBOs, EDCs and SHGs have been initiated. A toll-free telephone and a theme based interactive and informative website has been designed, which apart from disseminating project information also serves as one of the channels for redressing grievance. The project held the second workshop for judicial officials including judges of the High Court to orient them to the ICZM agenda, the project and its grievance redress mechanism. See Annex 4 for detailed discussions.

23. The Odisha SPMU has made considerable progress since the last mission, especially at the field level. Interaction with the community members during field visits revealed that community mobilization has been very effective. Substantial progress has been made in the activities related to livelihood enhancement pilot investment by the Fisheries Department. Some 300 SHGs have been identified and 242 SHGs have already received Rs. 50,000 each towards entry point activities. For the overall project, the SPMU has installed a toll free phoneline and has also launched a dedicated website with an interactive grievance redress link.

24. In West Bengal, the social/rural development specialist is yet to be hired in the SPMU. Though no private land acquisition will be required for any of the activities in the Project, government land will be transferred or used to the project at various locations. At two such sites at Digha, one proposed to be used for an engineered solid waste landfill, and another for sewage treatment plant, standing agricultural crops were noticed during the mission. The Digha-Shankarpur Development Authority informed, and the local community corroborated that these parcels of land are indeed government land lying vacant for years. The DSDA claimed that the neighboring households are using these parcels of land only because these were lying vacant; are aware of the proposed use of these; and will vacate their encroachment as soon as they are requested. In detailed discussions, it was agreed that for both these sites, a social screening survey will be undertaken by SPMU (which has been completed as per report from SPMU); and based on the results of this survey, applicability of the project’s resettlement policy framework (RPF) will be determined. On the other side, the planned activities in partnership with the NGOs in Sagar Island have already generated great community interest. The current level of engagement with local/village communities is adequate; and is expected to be very good in the next 3 to 6 months.
H. Procurement

25. There is considerable progress in hiring consultants, awarding major works and initiating goods procurement. Since the last mission the notable improvements include compliance to the procurement disclosure requirements by all 4 implementing agencies; and development of an automated procurement complaint handling system in the Odisha SPMU (which will be replicated for the other SPMUs and the NPMU). There is adequate procurement capacity in the Gujarat and the Odisha SPMUs except in the West Bengal SPMU where the situation has improved since the last mission with the PFMC being in place. Procurement management capacity in the NPMU is insufficient (and even has deteriorated somewhat). Augmentation of procurement management capacity is required urgently, as the NPMU is not only responsible for procurement for the National Component of the project but is expected to guide all other SPMUs and PEAs, and to standardize the procurement processes.

26. The project will need to augment its capacity in light of the various cases of repeated rebidding. The project has prepared a draft revised Procurement Activity Schedule for the next 12 months with an aim to complete procurement of all major works, goods and consultancies by June 2012. This is required to accelerate disbursement in the project which is currently slower than projected [see Annex 7 for a fuller description]. This will be finalized and submitted to the Bank for no-objection latest by February 2012. The National and State Project Directors will need to review progress and performance of the respective procurement cells and the PFM support consultants every month to ensure that there are no further slippages. The procurement capacity in none of the 4 implementing agencies is yet adequate (even if there are signs of progress) to handle all procurement without any handholding by Bank. The agreed key actions for next six months are: (i) to augment the procurement cell at the NPMU with recruitment of 1 or 2 experienced senior procurement specialists; (ii) to regularly monitor intermediate steps of the procurement process for all Goods and works and ensure award by June 2012 as per the revised procurement activity schedule; (ii) to ensure all the agreed disclosures are made as per disclosure framework; (iii) replicate the online procurement complaint handling and Procurement MIS implemented by Odisha SPMU to other SPMUs and at NPMU; and (iv) to ensure compliance with mitigation measures agreed during project preparation. The agreed details with respect to procurement management are listed in Annex 6, and supplementary activity-specific supplementary details are available in Annex 2 and Annex 7.

I. Financial Management

27. Based on discussions during the implementation support mission and review of the Financial Management (FM) systems across the project, the FM rating is retained as Moderately Satisfactory (MS). While the NPMU and the Odisha SPMU have carried out most of the agreed actions, the SPMUs in West Bengal and Gujarat are in the process of completion of the agreed actions; and it is expected that these actions would be completed before the next implementation support mission. Except for Gujarat and West Bengal, where there is a partial compliance to the legal covenant related to budget, all other financial covenants have been met by the project. The mission also recognized the issue faced by the NPMU and the SPMUs in getting continuous further releases from their respective Finance Departments given the current scenario of low spending and consequent inability to submit utilization certificates. The mission requested the NPMU/SPMUs to make realistic budget estimates for the upcoming financial years based on actual works; and intimate the same to the respective Finance Departments for budget provision. The agreed actions for the project are summarized in the FM annex. If these agreed actions are completed before the next implementation support mission, the FM rating could be considered for an upgrade. See Annex 5 for detailed discussions.
J. Agreed Next Steps and Mission

28. The next formal Implementation Review Mission is proposed to be scheduled around mid-May 2012. It was agreed that this next mission will also be a joint mission, in which officials from the NPMU, the SPMU and select PEs will participate.

29. Following is a list of major agreed actions required from the national and the state project management units (or the MOEF and the State Governments, as applicable) to be undertaken and completed within the next six months. Further, Annex 2 lists all other actions that were discussed and agreed for more successful implementation of the Project.

<table>
<thead>
<tr>
<th>Major Actions</th>
<th>Responsibility</th>
<th>Due Date</th>
</tr>
</thead>
<tbody>
<tr>
<td>Prepare revised Procurement Plans and Schedules to ensure that by June 2012, procurement process for all major works, goods and consultancies (other than exceptions listed in Annex 7) is completed.</td>
<td>NPMU and all SPMUs</td>
<td>February 15, 2012</td>
</tr>
<tr>
<td>Monitor and ensure that all procurement actions are completed as per the revised procurement schedule; and proactive actions are taken such that the disbursement targets are achieved.</td>
<td>NPMU and All SPMUs</td>
<td>Quarterly - March 30, 2012</td>
</tr>
<tr>
<td>Recruitment of the first batch of staff for the National Center for Sustainable Coastal Management should be expedited.</td>
<td>NPMU and NCSCM</td>
<td>February 29, 2012</td>
</tr>
<tr>
<td>Fill-up the position of deputy/additional project director</td>
<td>NPMU</td>
<td>Feb. 29, 2012</td>
</tr>
<tr>
<td>Recruitment of staff of the Communication and Capacity Building Cell and the Procurement and Administration Cell should be expedited.</td>
<td>NPMU</td>
<td>February 29, 2012</td>
</tr>
<tr>
<td>Recruitment of additional contract staff, and consultants (on cultural mapping issues, legal issues, regional planning, marine biodiversity issues, human resources management issues) should be completed.</td>
<td>NPMU</td>
<td>February 29, 2012</td>
</tr>
<tr>
<td>An expert appropriately skilled should be recruited at SICOM to lead the initiation of tasks envisaged for the National Center for Marine Biodiversity.</td>
<td>NPMU</td>
<td>February 29, 2012</td>
</tr>
<tr>
<td>With augmented staff, SICOM should launch regular or monthly project monitoring activities including verification of progress of implementation at sub-project sites; and develop an in-house full-fledged web-based project monitoring system.</td>
<td>NPMU</td>
<td>June 30, 2012</td>
</tr>
<tr>
<td>Engage the Marine National Park authority to develop models and techniques for coral transplantation (in addition to the Gujarat Environmental and Ecological research Foundation, which has not been able to yet progress satisfactorily in this task)</td>
<td>SPMU and Forests and Env. Dept.</td>
<td>February 15, 2012</td>
</tr>
<tr>
<td>Finalize bidding documents and organize prospective bidders' meet for the STP at Jamnagar</td>
<td>SPMU and JMC</td>
<td>February 29, 2012</td>
</tr>
<tr>
<td>Initiate transaction advisory services consultancy for the MRCI</td>
<td>SPMU</td>
<td>Feb. 29, 2012</td>
</tr>
<tr>
<td>Engage community-based organizations directly to undertake mangrove and shelter-belt plantation, in addition to encouraging the Forest Department to achieve their physical targets</td>
<td>SPMU</td>
<td>May 31, 2012</td>
</tr>
<tr>
<td>Obtain the selected land from the Paradip Port Trust, and proceed with the transaction advisory</td>
<td>GOO and SPMU</td>
<td>February 15, 2012</td>
</tr>
<tr>
<td>Engage project management consultants for the Sagar Island Ecotourism and Environmental Pollution Management activities, where the previous consultants engaged by the priority investment executing agency could not prepare plans and designs of acceptable quality</td>
<td>SPMU</td>
<td>March 30, 2012</td>
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<td>Revise the plans and designs for the cyclone shelters to incorporate all elements and principles of smart disaster preparedness programs (as has been evaluated to be successful in Odisha and elsewhere).</td>
<td>DMD (PEA) and SPMU</td>
<td>March 30, 2012</td>
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K. List of Annexes

30. The following annexes are part of this aide memoire.

Annex 1 - List of Officials and Resource Persons met during the Mission
Annex 2 - Activity-wise Summary of Progress and Agreed next Steps
Annex 3 - Management of Environmental Issues and processes
Annex 4 - Management of Social Safeguards and Social Development Processes
Annex 5 - Financial Management Systems and Performance
Annex 6 - Procurement Management Systems and Performance
Annex 7 - Disbursement Performance and Procurement Schedule
Annex 1
Officials, Resource Persons and other Stakeholders met during the Mission

Government of India and Stakeholders for the National Component

1. Dr. Tishya Chatterjee, Secretary, Ministry of Environment and Forests
2. Mr. J. M. Mauskar, Special Secretary, Ministry of Environment and Forests
3. Dr. Nalini Bhat, Advisor, Ministry of Environment and Forests
4. Dr. A. Senthilvel, National Project Director, SICOM
5. Ms. Kavita Prasad, Director, Department of Economic Affairs, Ministry of Finance
6. Dr. P. Mannar Jawahar, Vice Chancellor, Anna University
7. Prof. S. Shanmugavel, Registrar, Anna University
8. Dr. M. Sekhar, Dean, College of Engineering, Guindy
9. Mr. Akash Sharma, SICOM
10. Dr. Asir Ramesh, SICOM
11. Dr. Mishra, SICOM
12. Mr. V S Krishnan, SICOM
13. Mr. Sumeet Singh, Team Leader, PFM Support Consultant, SICOM
14. Mr. Gairola, SICOM
15. Mr. Dharma Raj, Additional Surveyor General of India, Survey of India
16. Mr. R. M. Tripathi, Additional Surveyor General of India (Tech), Survey of India
17. Mr. Sinha, Deputy Surveyor General of India
18. Prof. R. Ramesh, Acting Director, NCSCM
19. Dr. Purvaja Ramachandran, Institute of Ocean Management, Anna University, Chennai
20. Prof. M S Swaminathan
21. Dr. Ajay Parida, MS Swaminathan Research Foundation
22. Dr. V. Selvam, Director, MS Swaminathan Research Foundation
23. Dr. Sophia, MS Swaminathan Research Foundation

Government of Gujarat and Stakeholders in Gujarat

1. Mr. S. K. Nanda, Principal Secretary, Forest & Environment Department
2. Mr. J. K. Vyas, Director (Environment) & Addl. Secretary, Forest & Environment Department
3. Mr. Dipak Erda, Financial Advisor, Finance Department
4. Mr. Anupam, Commissioner, Jamnagar Municipal Corporation
5. Mr. D. K. Sharma, Chief Conservator of Forest, Kutch Forest Circle
6. Mr. Bharat Pathak, Chief Conservator of Forest, Director, GEER Foundation
7. Mr. R. D. Kamboj, Chief Conservator of Forest, Marine National Park, Jamnagar
8. Mr. A. K. Verma, Member Secretary GEC, State Project Director, SPMU
9. Mr. C. H. Pandya, Addl. Project Director, SPMU & Director, Gujarat Ecology Commission
10. Mr. P. H. Sata, Deputy Conservator of Forest, Marine National Park, Jamnagar
11. Mr. C.B. Bhimani, Assistant Conservator of Forest, Marine National Park, Jamnagar
12. Mr. Hardik Shah, Member Secretary, Gujarat Pollution Control Board (GPCB)
13. Mr. T. P. Singh, Director (Environment) & Addl. Secretary, BISAG
14. Mr. Nischal Joshi, Head of Operation, Gujarat Ecology Commission,
15. Mr. Lomesh Bhrambhatt, Field Manager, Gujarat Ecology Commission
16. Dr. Shailesh Dodia, Project Officer, Gujarat Ecology Commission
17. Mr. Ishwar Desai, Social Scientist, Gujarat Ecology Commission
18. Ms. Margi Purohit, Project Assistant, Gujarat Ecology Commission
19. Ms. Krupa Jha, Botanist, Gujarat Ecology Commission
20. Mr. Ankur Patel, Botanist, Gujarat Ecology Commission
21. Mr. Rohit Pansare, Environmental Planner, Gujarat Ecology Commission
22. Mr. Manish Dohre, Manger Projects, Gujarat Ecology Commission
23. Mr. Santhosh Upale, Clerical, Gujarat Ecology Commission
24. Mr. Jairin Joshi, Computer Operator, Gujarat Ecology Commission
25. Ms. Kajal Jaswal, Accounts Officer, Gujarat Ecology Commission
26. Mr. Avtar Thakor, Account Assistant, Gujarat Ecology Commission
27. Ms. Varsha Parmar, Project Coordinator, Gujarat Ecology Commission
28. Ms. Vibha Patel, Project Coordinator, Gujarat Ecology Commission
29. Mr. Kamlesh Dave, Project Coordinator, Gujarat Ecology Commission
30. Mr. Sanjay Bariya, Project Coordinator, Gujarat Ecology Commission
31. Ms. Sunita Patel, Project Coordinator, Gujarat Ecology Commission
32. Mr. Pradeep Patel, Field Assistant, Gujarat Ecology Commission
33. Mr. Pravin Bagda, Field Assistant, Gujarat Ecology Commission
34. Ms. Rekha Joshi, Field Worker, Gujarat Ecology Commission
35. Mr. Kamlesh Purohit, Field Worker, Gujarat Ecology Commission
36. Mr. Popathbai Bharvad, Field Worker, Gujarat Ecology Commission
37. Ms. Jasmita Patel, Field Worker, Gujarat Ecology Commission
38. Ms. Nilam Patel, Field Worker, Gujarat Ecology Commission
39. Ms. Parul Parmar, Field Worker, Gujarat Ecology Commission
40. Mr. Kalpesh Gopani, Field Worker, Gujarat Ecology Commission
41. Mr. Jagdish Gohil, Field Worker, Gujarat Ecology Commission
42. Mr. Amit Limbachiya, Field Worker, Gujarat Ecology Commission
43. Mr. Mukesh Vadakhliya, Field Worker, Gujarat Ecology Commission
44. Mr. Dhara Mehta, Field Worker, Gujarat Ecology Commission
45. Mr. Harish Parmar, Field Worker, Gujarat Ecology Commission
46. Mr. Chandrapal Rathod, Field Worker, Gujarat Ecology Commission
47. Mr. Jaysukhbhai Solanki, Field Worker, Gujarat Ecology Commission
48. Ms. Nayna Patel, Field Worker, Gujarat Ecology Commission
49. Ms. Daya Ribadiya, Field Worker, Gujarat Ecology Commission
50. Ms. Joshi Pooja A., Field Worker, Gujarat Ecology Commission
51. Mr. Raval Amrutbhai L, Field Worker, Gujarat Ecology Commission
52. Mr. Maya Makwana, Field Worker, Gujarat Ecology Commission
53. Mr. Kishan Golsar, Field Worker, Gujarat Ecology Commission
54. Ms. Sheetal Solanki, Field Worker, Gujarat Ecology Commission
55. Mr. Sanjay M. Kadivar, Field Worker, Gujarat Ecology Commission
56. Mr. Mr. B.J. Vasavda, Procurement Consultant, Gujarat Ecology Commission
57. Mr. S.P. Patel, Dy Director, Gujarat Ecological Education & Research (GEER) Foundation
58. Mr. Dishant Parsharya, Project Coordinator-Coral & Coral Reef, GEER Foundation
59. Dr. Harshad Salvi, Scientist, Gujarat Ecological Education & Research (GEER) Foundation
60. Mr. Vikram Singh, Project Manager, GEER Foundation
61. Mr. Manoj, Account Officer, Gujarat Ecological Education & Research (GEER) Foundation
62. Ms. Vaishali Solanki, Account Assistant, Gujarat Ecological Education & Research Foundation
63. Mr. S.M. Jha, Retd. Senior Scientist, Gujarat Pollution Control Board (GPCB)
64. Mr. A.N. Shah, Lab In-charge, Gujarat Pollution Control Board (GPCB)
65. Mr. K.C. Mistry, Nodal Officer, Senior Scientist, Gujarat Pollution Control Board (GPCB)
66. Mr. R.D. Patil, Senior Accountant, Gujarat Pollution Control Board (GPCB)
67. Mr. B.C. Bhrambhatt, Scientific Officer, Regional Office, Bhuj, (GPCB)
68. Mr. S.S. Jaiswal, Senior Scientific Assistant, Regional Office, Bhuj, GPCB
69. Mr. Ajay Patel, Project Manager, BISAG
70. Mr. Jaydeep Singh, Project Scientist, BISAG
71. Mr. Sumit Prajapati, Project Scientist, BISAG
72. Mr. Bhagitath Kansara, Project Scientist, BISAG
73. Mr. Sanjay Gandhi, Accountant, BISAG
74. Ms. Pinal Prajapati, Account Assistant, BISAG
75. Mr. Atul Sharma, Environmental Engineer, Gujarat Maritime Board (GMB)
76. Mr. Javed Waris, Project Manager, Tourism Corporation of Gujarat Ltd. (TCGL)
77. Mr. M.D. Rana, Executive Engineer, Jamnagar Municipal Corporation
78. Mr. N.M. Parmar, Deputy Engineer, Jamnagar Municipal Corporation
79. Mr. Amit Kansagara, Addl. Assistant Engineer, Jamnagar Municipal Corporation
80. Mr. G.V. Sadani, Town Planning Officer, Jamnagar Municipal Corporation
81. Mr. D.K. Vasoya, Estate Officer, Jamnagar Municipal Corporation
82. Mr. Vivek Buchket, Security Officer, Jamnagar Municipal Corporation
83. Mr. K.K. Bismoi, CFO, Jamnagar Municipal Corporation
84. Mr. Jignesh Nirmal, Chief Accountant, Jamnagar Municipal Corporation
85. Mr. Shreyas Parekh, Assistant Chief Accountant, Jamnagar Municipal Corporation
86. Mr. Rizwan Sama, Computer Operator, Jamnagar Municipal Corporation
87. Mr. J. Pradeepkumar, Team Leader, PMC, Jamnagar Municipal Corporation
88. Mr. Bithesh Desai, Engineer, PMC, Jamnagar Municipal Corporation
89. Mr. B.K. Patel, Engineer, PMC, Jamnagar Municipal Corporation
90. Mr. Ajaybhai Rana, Engineer, PMC, Jamnagar Municipal Corporation
91. Mr. Amit Ameeben Parikh, Hon. Mayor, Jamnagar Municipal Corporation
92. Mr. Suresh Alariya, Deputy Mayor, Jamnagar Municipal Corporation
93. Mr. Tulshibhai Patel, Chairman, Jamnagar Municipal Corporation
94. Mr. Dinesh Patel, Councillor, Jamnagar Municipal Corporation
95. Mr. M.A. Malani, Resident, Valkeshvari Society
96. Mr. Kamlasingh Rajput, Resident and Councillor of JMN, Defence Colony
97. Mr. D.T. Vasavda, DCF, Kutch Forest Circle (West Division)
98. Mr. L.N. Jadeja, DCF, Kutch Forest Circle (East Division)
99. Mr. A.C. Sampat, DCF, Vigilance, Kutch
100. Mr. V.S. Devda, ACF, Bhuj
101. Mr. B.M. Shukla, RFO, Bhachau
102. Mr. G. A. Sodha, Range Forests Officer, Marine National Park, Jamnagar
103. Mr. D. K. Parekh, Deputy Executive Engineer, Marine National Park, Jamnagar
104. Mr. K. M. Karangia, Accountant, Marine National Park, Jamnagar
105. Dr. Chandresh Dave, Marine Biologist, ICZMP, Marine National Park, Jamnagar
106. Mr. Chetan Sojitra, Social Scientist ICZMP, Marine National Park, Jamnagar
107. Ms. Sonal Varnagar, Social Scientist ICZMP, Marine National Park, Jamnagar
108. Mr. Vipul Chauhan, Account Assistant ICZMP, Marine National Park, Jamnagar
109. Mr. G. K. Dangar, Forester, Marine National Park, Jamnagar
110. Mr. J. T. Jadeja, Forester, Marine National Park, Jamnagar
111. Mr. R. M. Barad, Forest Guard, Marine National Park, Jamnagar
112. Mr. P. R. Sindhiya, Forest Guard, Marine National Park, Jamnagar
113. Mr. H. J. Joshi, Forest Guard, Marine National Park, Jamnagar
114. Mr. D. M. Dafda, Forest Guard, Marine National Park, Jamnagar
115. Mr. Yogeshbhai B. Ramani, EDC President, Khijadiya Village, Jamnagar
116. Ms. Varshaben Y. Ramani, SHG Secretary, Khijadiya Village, Jamnagar
117. Mr. Hirabhai H. Kathiriya, Community leader & Member, Khijadiya Village, Jamnagar
118. Ms. Varshaben S. Agravat, Community leader & Member, Khijadiya Village, Jamnagar
119. Ms. Vasooya Varshben V., Secretary, Satyam SHG, Khijadiya Village, Jamnagar
120. Ms. Vasooya Sarojben Rajeshbhai, President, Shivam SHG, Khijadiya Village, Jamnagar
121. Ms. Meeraben Ramani, SHG President, Khijadiya Village, Jamnagar
122. Ms. Savita Makvana, Social Community President, Kharaberaja Village, Jamnagar
123. Ms. Prabhhaben Makvana, SHG, President, Kharaberaja Village, Jamnagar
124. Mr. Vijyaben Nagar, SHG, President, Kharaberaja Village, Jamnagar
125. Mr. Ushaben Makvana, SHG, President, Kharaberaja Village, Jamnagar
126. Mr. Karshanbhai Makvana, EDC, President, Kharaberaja Village, Jamnagar
127. Mr. Mavjibhai Pardhi, CBO, President, Kovaipadhar Village, Gandhidham
128. Ms. Madhuben, CBO, Member, Kovaipadhar Village, Gandhidham
129. Mr. Palabhai Rabari, CBO, President, Kukadshar Village, Gandhidham
130. Ms. Sheljuben Rabari, CBO, Secretary, Kukadshar Village, Gandhidham
131. Mr. Bhupendrabhai, SHG, Secretary, Kukadshar Village, Gandhidham
132. Ms. Sejuben, SHG, Secretary, Kukadshar Village, Gandhidham
133. Mr. Vikrambhai Rabari, CBO Member, Kukadshar Village, Gandhidham
134. Mr. Falgunbhai, CBO, President, Tuna Village, Gandhidham
135. Mr. Kharshanbhai Kori, Committee Member, Tuna Village, Gandhidham
136. Mr. Lakhiben Ganga, CBO, President, Tuna Village, Gandhidham
137. Ms. Sajuben Gaya, Member of mangrove plantation, Tuna Village, Gandhidham
138. Ms. Lakhiben Ramji, Member of mangrove plantation, Tuna Village, Gandhidham
139. Ms. Shardaben Karshan, Member of mangrove plantation, Tuna Village, Gandhidham
140. Mr. Ranthod Dhana Dangar, Villager, Jangi Village,
141. Mr. Majihera Maharaj, Villager, Jangi Village,
142. Mr. Alla Vaju Harijan, Villager, Jangi Village,
143. Mr. Vela Jaga Harijan, Villager, Jangi Village,
144. Mr. Bhujiben Bava Samadiya, Villager, Jangi Village,
145. Ms. Bhusiben Paba Rabari, Villager, Jangi Village,
146. Mr. Aaberaj Singh Jadeja, Villager, Bada Village
147. Ms. Punsiben Shah, Villager, Bada Village
148. Mr. Khetsinghbhai Aahir, Villager, Bada Village
149. Mr. Alibhai Kumbhar, Villager, Bada Village
150. Mr. Bethabhai kolı, Villager, Bada Village
151. Mr. Jethabhai Mehesvari, Villager, Bada Village
152. Mr. Ravjibhai Kannar, Villager, Bada Village
153. Mr. Gopalbhai Gandhi, Villager, Bada Village
154. Mr. I.K. Barad, ACF, Bhuj
155. Mr. Tapariya, ACF, Lakhpat

Government of Odisha and Stakeholders in Odisha

1. Mr. J.K Mahapatra, Principal Secretary, Finance Dept, Govt Of Odisha
2. Mr. R.K Sharma, Commissioner cum Secretary, Forest & Environment Dept, Govt. of Odisha
3. Dr. Ajit Kumar Pattnaik, Project Director, ICZM- Odisha
4. Mr. H.K. Bisht, APD (Operations), ICZM- Odisha
5. Mr B.K Samal, APD (F & A), ICZM- Odisha
6. Mr. Chitta Ranjan Mishra, Addl. Chief Executive, Chilika Development Authority
7. Mr.Sidhant Das, Member Secretary, OSPCB
8. Prof. Niraj Kumar, Faculty of Rural Management, XIMB
9. Prof. W. Williams, Faculty of Rural Management, XIMB
10. Dr. S.Balachandran, Consultant, BHNS, Mumbai
11. Dr M S Suar,Dept of Biotechnology, KIIT University=
12. Dr. D.K. Rout, Nodal Officer, OSPCB
13. Mr J.K. Das, Sr. DMBD-II, OTDC
14. Mr. B.K. Das, Additional Director, DH & CI
15. Mr. P.K. Nanda, Coir Supervisor, DH&CI,GoO
16. Mr J.K. Tripathy, Executive Engineer, Aul Embankment Division ,Water Resources Dept,
17. Mr. A.C. Naik, Addl. Director, Fisheries& ARD Dept, Govt. of Odisha
18. Mr C.M. Behera, ACF, Balugaon
19. Mr. S.K. Das, Nodal Officer Culture Department, GoO
20. Mr B.K. Das, Nodal Officer, DH & CI, GoO
21. Dr. R.K. Nayak, Executive Officer, Paradeep Municipality
22. Mr.P.K. Swain, CWLD, Balugaon
23. Dr. K.S. Bhatta, Consultant to CDA
24. Mr. S.K. Mohanty, Fishery Consultant to CDA
25. Dr Ranjan.R.Pradhan, CV Raman College of Engineering
26. Dr. A.K. Sahu, Ecologist, ICZMP, Odisha
27. Dr. Debasish Roy, Sr. Scientist, Forest & Env, Dept., GoO
28. Mr. A.K. Nayak, GM, OSDMA
29. Mr. Parameswar Swain, Administrative Officer, ICZMP, Odisha
30. Dr. Mamata Mishra, RD Expert, ICZM, Odisha
31. Dr. N.C. Biswal, Fishery Specialist, ICZM, Odisha
32. Mr. Sibananda Mishra, PMC&B, ICZM, Odisha
33. Mr. Abhimanyu Behera, Asst. Engineer, Rajnagar Embankment Division, Dept of Water Resources, GoO
34. Dr. S.S. Pati, STA, OSPCB
35. Mr. Sunil Ku. Pattnaik, Curator, Orissa State Archaeology , GoO
36. Mr Aswini Ku. Satpathy, Superintendent, Orissa State Archaeology, GoO
37. Mr. R.N. Samal, Scientific Officer, CDA
38. Ms Manaswini Mishra, Documentation Officer, ICZM, Odisha
39. Dr. P.K. Panigrahy, Oceanographer, ICZM, Odisha
40. Mr. Biswajit Sahoo, Communication Officer, ICZM, Odisha
41. Mr. Binayak Padhy, MIS Expert, ICZM, Odisha
42. Dr. C.S. Kar, Sr. Research Officer, Wildlife Wing, Dept of Forest & Env, GoO
43. Ms Swapnadatta Mohanty, Architect, M/s. Nesters
44. Mr. Narayan Tripathy, Architect, M/s. Nesters
45. Mr.Deepak Panda, Architects’ Studio
46. Mr. Gopal K. Seth, Architects’ Studio
47. Mr Manoj Mohanty,Procurement Officer, ICZM-Odisha
48. Mr S.Pati, Accounts Officer,ICZM-Odisha
49. Mr Prasanna Swain, Accountant, ICZMP-Odisha
50. Mr. G.B Parida, Procurement Specialist, ICZMP-Odisha
51. Mr Pradeep Tripathy, Consultant, PFMC, ICZMP-Odisha
52. Mr Abadhuta Behera, Consultant, PFMC, ICZMP-Odisha
53. Mr K S Panda, Accountant, PFMC, ICZMP-Odisha
54. Mr Pravash Nayak, Accountant, PFMC, ICZMP-Odisha
55. Mr Manoj Mahapatra, DFO, Rajnagar, dept of Forest & Env. GoO
56. Mr. Bimal Prasanna Acharya, DFO, Chilika WL Division, Dept. Of Forest & Env, GoO
57. Mr. Krushna Chandra Bisoi, Shelter Coordinator, OSDMA
58. Md Imran Khan, Accountant, ICZMP-Coir, DH & CI

**Government of West Bengal and Stakeholders in West Bengal**

1. Mr. S. Ghosh Dastidar, Minister, Department of Environment,
2. Mr. Samar Ghosh, Chief Secretary
3. Mr. R. P. S. Kahlon, Secretary, Environment Department
4. Mr. Arijit Banerjee, Project Director, ICZMP- West Bengal
5. Mr. Somenath Bhattachaaryya, Additional Project Director, ICZMP-West Bengal
6. Mrs. Kakoli Sensharma, Geologist and Remote sensing Specialist, ICZMP- West Bengal
7. Mrs. Indrani Chakrabarty, Planner Engineer, ICZMP- West Bengal
8. Dr. Mrinali Changdar, Fisheries Specialist, ICZMP- West Bengal
9. Mr. J. Selvin P. Kani, Oceanographer, ICZMP- West Bengal
10. Mrs. Nasreen Khan, Capacity Building Specialist, ICZMP- West Bengal
11. Mr. Chayan Sur, Documentation Officer, ICZMP- West Bengal
12. Mrs. Suangana Basu, Communication Officer, ICZMP- West Bengal
13. Mr. Tapan Chkrabarty, Administrative Officer, ICZMP- West Bengal
14. Mrs. Pranab Banerjee, Finance Officer, ICZMP- West Bengal
15. Mr. Alak Halder, Chief Administrative Officer, IESWM
16. Dr. Maitree Bhattacharyya, Associate Professor, Calcutta University
17. Mr. Soumen Pal, Executive Officer, Digha Sankarpur Development Authority
18. Mr. Mahim Maikap, Assistant Sub-Engineer, Digha Sankarpur Development Authority
19. Mr. Amitava Banerjee, Managing Director, West Bengal Fisheries Corporation Limited
20. Ms. Saswati Mukhopadhyay, Superintendent Engineer, West Bengal State Electricity Distribution Company Limited
21. Dr. Prasanna Yennawar, Officer-in-charge, MARL, ZSI, Digha
22. Mr. Debabrata Pal, Additional Secretary, Department of Disaster Management
23. Mr. P. K. Pal, WBFS, Divisional Forest Officer, Purba Medinipur Forest Division
24. Mr. P. K. Goswami, Chief Engineer, Sunderban Infrastructure Development Corporation Limited
25. Mr. Subir Kumar Ghosh, Superintendent Engineer, Public Health Engineering Directorate
26. Mr. Sanjib Kumar Nagam, Executive Engineer, Public Health Engineering Directorate
27. Mr. Bankim Hazra, MLA, Sagar Island
28. Mr. Amarendranath Patra, Panchayat Pradhan of a Gram Panchayat at Sagar
29. Mr. Manoj Barui, Member, Rudranagar Gram Panchayat, Sagar
30. Mr. Chintamoni Das, Secretary, Village Development Committee at Sagar
31. Dr. Dipankar Roy, Tagore Society for Rural Development
32. Mr. Biswajit Roychowdhury, Secretary, Nature Environment & Wildlife Society
33. Ms. Swapan Basu Mallick, Director, Society for Socio-Economic and Ecological Development
34. Ms. Maya Karmakar, Co-ordinator, Society for Socio-Economic and Ecological Development
35. Mr. Bhavanando Chatterjee, Fishery Expert, Society for Socio-Economic and Ecological Development
36. Dr. Kalyan Acharya, Physician, Society for Socio-Economic and Ecological Development
37. Mr. Pranab Kumar Dhar, President, Digha Fishermen and Fish Traders Association
38. Mr. Barun Kumar Maity, Secretary, Digha Fishermen and Fish Traders Association
39. Mr. Rohininandan Khanra, Digha Fishermen and Fish Traders Association
40. Members from Hoteliers Association of Digha
41. Members from Hawkers Union Association of Digha
42. Lodha tribal community at Sagar
### COMPONENT ONE: NATIONAL I.C.Z.M. CAPACITY BUILDING

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<td>[1A] Hazard line Mapping (Flood Level Estimate; Erosion Estimate; Digital Terrain – Aerial Photography and Photogrammetry; Ground Marking)</td>
<td>Overall, this has progressed very well, and there is a chance that this activity could be completed ahead of schedule. 1. <strong>Flood Level Estimate:</strong> SOI has analyzed data for all major and minor ports in the country; with all available data. A draft report is available including illustration for one port. 2. <strong>Erosion Estimate:</strong> The quality of shoreline change maps had been satisfactory. These are expected to be very useful in estimation of the 100 year erosion line for the entire cost. The formal work for estimation of the 100 year erosion line will start as a joint exercise by SOI and NCSCM, and is expected to be completed by January-February 2012.</td>
<td>1. <strong>Flood Level Estimate:</strong> A Revised Report will be prepared by October 2011, including all quality assurance process described; detailed description on how erroneous data, if any, had been excluded. Flood level for each transect for the entire mainland coast will be ready by December 2011. 2. <strong>Erosion Estimate:</strong> NCSCM is currently recruiting professionals and procuring the minimum equipment needed to support SOI for this purpose. Given the progress on shoreline mapping, this activity can be fully completed by March 2012. It is important for SOI and NCSCM to develop a schedule showing milestones to complete this activity by September 2012.</td>
<td>1. <strong>Flood Level Estimate:</strong> The detailed revised Report on Flood Level Estimate was prepared by November 2011. Data for all 20 primary ports agreed earlier and for the Port of Bhavnagar; and for about 150 minor ports has been analyzed. The work of determining levels for each 500m transect to be using in the photogrammetry work is underway and should be completed by March 2012. The quality assurance by SOI has been on the agreed line; and the description of the process in the Report is being improved. 2. <strong>Erosion Estimate:</strong> Erosion estimate has been included as part of the photogrammetry bid and will be done by the contractor(s) under strict supervision &amp; QC by NCSCM &amp; SOI. NCSCM has not been able to recruit staff, and it is likely that SOI will take the lead to complete this work by December 2012.</td>
<td>1. <strong>Flood Level Estimate:</strong> (a) Additional investigation will be undertaken to ensure that the data missing for considerable period of time (such as for Mumbai during 1996-2006) are indeed missing. (b) Wherever, the distance between two ports where data has been analyzed, is more than say, 100km, additional data for minor ports will be collected; and if necessary SOI will undertake primary survey by installing temporary tide gauges. (c) For each point of data, the net impact of Sea Level Rise, i.e., 40cm as directed by MOEF will be added. (d) SICOM will constitute an expert committee to finally approve the Report by March 2012. (e) The report, being one of the most important reports for the country shall be edited and presented in such ways that it can be readily published. 2. <strong>Erosion Estimate:</strong> (a) SOI, NCSCM and SICOM should quickly agree on the details of the methodology, including satellite images of which years exactly will be used. (b) If required, additional work of the analyses of imageries should be covered by small variation order later. (c) SOI will determine if WorldView of QuickBird or any other images should be used, and the required definition of consistency; and if these...</td>
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<td>3. Shoreline Change Maps: MOEF (through Institute of Ocean Management and NCSCM) has already made very good progress in shoreline change maps for the country (comparing maps and satellite imageries between 1982 and 2010 – as per the methodology approved by MOEF, the Survey of India and the Ministry of Earth Sciences). The remaining work, majority currently under joint ground-truthing is expected to be completed by October 2011.</td>
<td>3. Shoreline Change Maps: Nil.</td>
<td>3. Shoreline Change Maps: NCSCM and IOM completed the shoreline change maps for the entire mainland coasts of India on a scale of 1:15,000 by September 2011. So far, the contractor’s NSOP partner airline has approved the maps, the maps are publicly available in the NCSCM website. For the remaining states, the maps have been submitted to the SCZMAs for review, ground verification, comments; and approval.</td>
<td>can be directly purchased by SOI (without going through NRSA), (d) SICOM will constitute an expert committee by June 2012 to finally approve the erosion estimates. (e) SICOM, NCSCM and MOEF should define the way the procured maps will be used by all institutions in India.</td>
<td>3. Shoreline Change Maps: (a) NCSCM is following up with other states to approve the maps; and it is expected that all the states will approve, and the maps will be available in NCSCM website by June 2012. (b) NCSCM will prepare a communique and disseminate describing the largescale nature of these maps, the methods used, and that these will be replaced by better maps of appropriate scale through the Erosion Estimate Maps in years to come.</td>
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<td>4. Aerial Photography: This activity managed by SOI has progressed very well. The aerial photography contracts (8 packages) has been awarded, and the progress of mobilization has been satisfactory and on schedule. In-principle permission for flying low-height aircrafts and carrying out photography has been obtained by SOI and MOEF from DGCA, Ministry of Home, and Ministry of Defence. Given the current progress, the aerial photography work could be completed ahead of schedule (say, by April 2012). [Additional Work] MOEF has decided, and Bank concurred, that aerial photography of (i)</td>
<td>4. Aerial Photography: The flight plan should be finalized and regulatory clearances should be obtained as per schedule. SOI, MOEF and the Contractors (two JV partners) should meet formally to reconfirm the availability of resources and the detailed work schedule, as well as reconfirm all details of the quality assurance plan.</td>
<td>4. Aerial Photography: All mandatory GOI( MoD, DGCA etc) clearances obtained by mid-December 2011 (it was delayed compared to earlier estimated schedule). There had been very high workload for SOI and SICOM, especially with regard the capacity of the contractor’s NSOP partner airline; and additional stipulation by the India Navy for security arrangements. The flying started in Gujarat in December 2011. Contractors have been asked to advance procurement of the 2nd and 3rd airplane; so that the delay of starting the work does not threaten completion of work</td>
<td>4. Aerial Photography: (a) SICOM and SOI will continue their strict monitoring of the contract; and will keep vigil that the work of acquisition of photographs is completed before monsoon; and such that the schedule of photogrammetry contract is not impacted. (b) Contractors’ and their NSOP partner airline should submit periodical revised work schedule to confirm that all schedules and milestones are being matched. (c) In light of the delay in statutory clearance for the first aircraft, contractors will be instructed to take advance actions for deployment of the 2nd and 3rd aircraft in January 2012.</td>
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| Andaman and Nicobar Islands, and (ii) Lakshadweep will also now be attempted – not only for hazard mapping, but also for planning purposes so as to implement the recent Island Protection Zone Notification. MOEF is also interested that SOI takes up marine bathymetric surveys for the country.  
5. Photogrammetry: The draft bidding documents are ready. The contracts are expected to be awarded by September 2011. The work is on schedule.  
6. Ground marking: Several ideas including replacing some of the ground markers and using an alternative of village kiosk had been discussed. This activity will probably start in 2013, and the final ideas will need to be concretized by mid-2012. | order to the current contract, and share with Bank for concurrence.  
5. Photogrammetry: Nil.  
7. Marine Bathymetry: Separately, MOEF and SOI together will prepare a proposal for completing marine bathymetry survey for the entire country covered by the CRZ Notification 2011. | before the monsoon. Quality assurance process is working appropriately.  
[Additional Work] Shape files for the Andaman and Nicobar Islands (land area about 9,000 square kilometer has been prepared. Discussions ongoing to understand if these can be included in the current contract.  
5. Photogrammetry: The pre-bid meeting went very well. A good response to bid invitation is expected.  
6. Ground marking: Nil  
7. Marine Bathymetry: Discussions underway, not concrete progress yet – mainly due to delay in recruitment at NCSCM. | [Additional] (d) SICOM will convene a meeting in February 2012 among SOI and MoEF to finalize a proposal for Aerial Photography of the Andaman & Nicobar & Lakshadweep Islands; and to determine whether it will be prudent to include some of this additional work in the current contract as variation (also depends on satisfactory performance of contractors).  
5. Photogrammetry: Nil.  
6. Ground marking: Nil  
7. Marine Bathymetry: (a) NCSCM will prepare a discussion paper on marine bathymetry by March 2012; (b) SOI will discuss with the Surveyor General of India, and finalize a proposal by July 2012. |
| 1. Dandi: Mapping, identification and stakeholder consultation for this ESA declared under this project is complete; and notified. To protect, manage and develop this as a national heritage, an activity called GANDHI was launched. Some work related to beach cleaning, solid waste collection and disposal, solar street lighting, already undertaken. Rapid rural | 1. Dandi: The consultants for preparation of the Integrated Management Plan should be in place by September 2011. Meanwhile, priority actions such as mangrove plantation, solid waste management, should continue including working through CBOs for eventual disposal of solid wastes. GEC will also organize the first meeting of the Steering | 1. Dandi: Procurement process initiated for the Integrated Management Plan consultants, but is delayed by SICOM Procurement cell. Priority actions on mangrove plantation, sanitation etc., have started. First meeting of the steering committee was held on September 12, 2011; and a second meeting is proposed in January 2012. | 1. Dandi: (a) SICOM procurement cell should ensure no further delay in procuring the consultants. (b) SICOM and GEC should sign the MOU in January 2012; (c) solid waste management through CBOs should be expanded to include disposal (and no incinerator should be installed); (d) consultants’ work should be monitored regularly such that the initial delay that has happened could be recovered; (e) staffing by GEC and Gujarat |
|----------|---------------------------------------------------------------|------------------------------------------------|--------------------------|----------------------------------------|
| appraisal (a very satisfactory exercise per Bank review) was completed, a small survey about home-stay tourism is completed; and some training on maintenance of solar street lights had been organized. | Committee for Dandi ESA by July 2011. In addition, GEC and the Gujarat Vidyapeeth will recruit multi-disciplinary staff to be positioned at Dandi; and set up the field office at Dandi | Recruitment of staff by GEC and Gujarat Vidyapeeth is delayed due to delay in signing the MoU between SICOM and GEC. | Vidyapeeth should be completed by February 2012. |
| 2. Vedaranyam: Mapping and identification of the second ESA, Vedaranyam is complete. SICOM and MSSRF has already prepared a plan of actions over the next 3 years, focusing on composite mangrove, halophytes and related capacity building of communities. | 2. Vedaranyam: SICOM should prepare an MOU (similar to what has been signed between SPMUs and PEA) and sign with MSSRF by July 2011. The first work for MSSRF will be to start the rapid rural appraisals to be completed by December 2011. | 2. Vedaranyam: An MoU has been prepared and signed between SICOM & MSSRF. Rapid rural appraisal is under process, expected to be completed in January 2012. A detailed procurement plan for next 3 years prepared. Site office established, site staff appointed. |
| 3. Vembanad: MOEF and the State Government have agreed to declare Vembanad in Kerala as an ESA. The actual mapping and the integrated area development plan proposals are yet to be developed. | 3. Vembanad: SICOM will prepare a detailed proposal. For this purpose, SICOM will recruit a few individual professional staff on contract by October 2011. SICOM will identify national/international experts who should be involved in development of the integrated plan. | 3. Vembanad: No progress in preparation of the proposal. The recruitment process is delayed. Although discussions are going on, no formal progress in identification of national and international experts. SICOM Procurement Cell mistakenly invited REOIs, a process that should be closed. | 3. Vembanad: Same as was agreed in June 2011. Revised target April 2012. |
| 4. Other ESAs (CVCAs) identified in the CRZ Notification 2011: No work has yet started on (a) comprehensive guidelines for preparation of integrated plans for the ESAs; (b) analysis of potential ESAs in coastal and marine areas in India. | 4. Other ESAs (CVCAs): Nil | 4. Other ESAs (CVCAs): No progress, as NCSCM is yet to be functional. | 4. Other ESAs (CVCAs): NCSCM should prepare a full proposal for (a) finalizing the comprehensive guidelines for identification, mapping and preparation of integrated plans for the ESAs; (b) a comprehensive analysis of potential ESAs covering the entire coastal and marine areas in India. |
|----------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| [1C] Coastal Sediment cell mapping           | 1. A 2 day workshop was organized in Bhubaneswar to discuss the specific scope of coastal sediment cell mapping. During the workshop the modalities of mapping was agreed. A preliminary map for major sediment cells was also prepared, and the ways of refining the method was discussed.  
2. NCSCM has included mapping of sediment cells and sub-cells as one of the priority research work in their program. | 1. NCSCM will prepare a detailed statement on the process and schedule of mapping coastal sediment cells and sub-cells. This detailed statement, showing resource requirements for desk analysis, field investigation and identification of the cause-effect relationships will be prepared by Dec 2011; such that the work can be fully completed by Dec 2012. | 1. SPMUs in West Bengal and Odisha organized discussions in October 2012. Based on recommendations of these workshops, NCSCM will finalize the methodology.  
2. NCSCM has prepared a draft work plan describing various stages of littoral cell delineation. A final plan is awaited. Sediment cell delineation for the coastline of India has been broadly delineated and was discussed extensively with Prof. John Pethick in October 2011. Prof. Pethick has suggested a few modifications which will be refined by Dec 2011. | 1. NCSCM will prepare a report on the methodology by April 2012, and circulate for all expert stakeholders for their comments.  
2. NCSCM will prepare a detailed work plan by April 2012, so that the entire work can still be completed by December 2012. The work plan should include (i) resource requirements for desk analysis, (ii) manpower for field investigation and to understand the cause-effect relationships, (iii) a plan and strategy for expert stakeholder communication and agreements.  
3. NCSCM in collaboration with SPMUs will prepare a short communiqué describing the role of sediment cell mapping and subsequent surveys for the eventual preparation of shoreline management plans (which in itself are inputs to the ICZM Plans). |
| [1D] National Centre for Sustainable Coastal Management (NCSCM) | 1. MOEF and Anna University signed an MOU.  
2. The Senate of the Anna University has approved transfer of the land to NCSCM. Further activities for formal transfer of land to NCSCM (and mutation) is under progress.  
3. NCSCM has been established as a society under the Tamil Nadu Societies registration Act.  
4. The GC of NCSCM has approved the immediate program and recruitment. | 1. Nil.  
2. NCSCM will ensure that all land registration process is completed by October 2011. The contemplated plot is a 2ha plot.  
3. Nil.  
4. Nil. | 1. N/A  
2. As the land cannot be transferred or leased under their agreement with the State Government, the Syndicate (and Senate) of Anna University decided to host NCSCM in their campus - a case similar to the Madras School of Economics. The 2 acre plot is a suitable one.  
3. N/A  
2. Now that the land issue is resolved, NCSCM will organize and complete survey of the land, as well as photographs and satellite images to be included in the design brief required for architectural competition.  
3. Nil  
4. Nil |
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<td>5.</td>
<td>SICOM for NCSCM had advertised for a first batch of 58 staff. In response it received about 3000 applications. Selection process is underway; and expected to be completed by end August 2011.</td>
<td>SICOM will select the interview panels; and explain the detailed selection criteria to ensure highly qualified young professionals are offered a job in NCSCM. SICOM and NCSCM discussed the need to provide reimbursement for travel to the shortlisted candidates; and Bank mission concurred.</td>
<td>Recruitment has been delayed due to delay in clearance by MoEF. Tentative shortlists have been prepared for all 58 positions, but yet to be approved. Interview panels have been nominated. Detailed selection criteria have been drafted. Recruitment is already delayed by 6 months.</td>
<td>Any further delay in recruitment process will seriously hamper the intended outputs and outcomes of NCSCM. Recruitment process should start in January and completed by February 2012.</td>
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<td>6.</td>
<td>NCSCM has prepared the design brief for building the buildings, laboratories and facilities for the NCSCM.</td>
<td>NCSCM will organize an architectural design competition will be organized by August 2011; and architectural designers will finally be selected by September 2011.</td>
<td>NCSCM will share the design brief with the SICOM and World Bank by January 20, 2012 (including land survey details). The REOI for architectural competition for design and construction of the NCSCM facilities will be published by SICOM latest by February 15, 2012. To enable a good number of EOI, the design brief will be uploaded in the NCSCM website by the same date.</td>
<td>NCSCM will submit a small report from the architect consultant that the repairs, refurbishment and interior work of the contractors are of acceptable quality.</td>
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<td>7.</td>
<td>Pending the construction of buildings, laboratories and facilities, Anna University has agreed to allow the NCSCM to function from 3 of its buildings. NCSCM will need to refurbish these spaces for their use, including some repairs and basic investment in interiors</td>
<td>NCSCM will complete such small repair, refurbishment and interior works by October 2011, such that the first batch of staff recruited can start work immediately after joining.</td>
<td>The repair, refurbishment and interior works for 3 buildings allocated to NCSCM is currently underway. These buildings will be ready for use by January 2012.</td>
<td>Discussion of the draft detailed program to start once the recruitment process is formally in place. It will be important to finalize this and get HPSC approval before February 2012.</td>
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<td>8.</td>
<td>At a specific direction from MOEF, SICOM has added a new division for “Island Studies” in addition to the 6 divisions already planned. NCSCM has prepared outline of the immediate research program.</td>
<td>NCSCM will prepare a detailed description of 2 or 3 priority research program for each of the 7 divisions of NCSCM; share with the Bank by September 2011, and get it endorsed by their High Powered Research Committee and the Governing Council by October 2011.</td>
<td>NCSCM has prepared a draft detailed program for the 7 divisions of NCSCM. Discussions with SICOM and World Bank to be taken up yet; after which endorsement from the HPSC will be sought.</td>
<td>Discussion of the draft detailed program to start once the recruitment process is formally in place. It will be important to finalize this and get HPSC approval before February 2012.</td>
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<td>9.</td>
<td>SICOM/MOEF has set up an Expert Committee, under chairmanship of Dr. A. Muthunayagam, to advise the</td>
<td>Nil</td>
<td>Expert Committee chaired by Dr. Muthunayagam has submitted the final report SICOM and MoEF on the needs and opportunities to</td>
<td>The Expert Committee Report should be published after approval from the GC of SICOM, by April 2012.</td>
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<td>MOEF about the needs and opportunities to protect critical coastal infrastructure, such as the nuclear power plants from tsunami events. The Expert Committee Report is expected in August 2011.</td>
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<td>protect critical coastal infrastructure, such as the nuclear power plants from tsunami events.</td>
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<td>Centre for Marine Biodiversity</td>
<td>1. The overall objective of the NCMB has been agreed by SICOM and MOEF.</td>
<td>1. The objectives need to be detailed out, including the program and the scope of work of NCMB, by SICOM by September 2011. The objectives, the program and the scope of work, once finalized should be translated in detailed MOA and Byelaws by October 2011.</td>
<td>1. SICOM has prepared a Report on the program and the scope of work for the NCMB, with inputs from international experts. A draft MOA in the line of that of the NCSCM is also available. However, these are yet to be approved by the GC.</td>
<td>1. The NCMB Report on its program and the scope of work will be approved by GC of SICOM by February 2012. The MOA and Byelaws to be drafted in April 2012, and the NCMB should be registered as a society by June 2012.</td>
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<td>2. With the idea of attracting private sector finance for the NCMB, MOEF has already identified Reliance Industries and other industries as partners for the NCMB.</td>
<td>2. Once the program for NCMB is final, a round of consultation is needed with Reliance Industries and the other industries to agree on the details of investment and structure of this investment.</td>
<td>2. Pending approval of the NCMB program by the GC of SICOM.</td>
<td>2. Discussions with industries on their proposal for collaboration should be led by the nominated Director of NCMB starting in April 2012.</td>
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<td>3. Alternative sites (at Jamnagar and at Dwaraka) have been identified. Advantage can be gained by developing common infrastructure for the MRCI already proposed under the Gujarat Component of the Project.</td>
<td>3. Site at Dwaraka should be confirmed by SICOM and the Government of Gujarat by October 2011. Design brief required to attach this with the proposed MRCI in Gujarat</td>
<td>3. Site has been confirmed by the Government of Gujarat. Application for land transfer is expected to move after SICOM finalizes private sector partnership model and the design brief for NCMB. No progress on the design brief for NCMB.</td>
<td>3. SICOM with the help from NCSCM’s architect consultant should prepare a design brief for the NCMB facilities to be constructed along with MRCI (led by Gujarat in a PPP model) by April 2012.</td>
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<td>4. SICOM has set up an Expert Committee, to suggest the priority research needs of the country. The Expert Committee Report is expected by Sep 2011.</td>
<td>4. Nil.</td>
<td>4. Expert Committee Report is under preparation.</td>
<td>4. A Director of NCMB will be nominated by SICOM by March 2012. Should be publicly disseminated by June 2012.</td>
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<td>5. SICOM will prepare a detailed plan for NCMB including the plan for operation of NCMB until the infrastructure and facilities are established.</td>
<td>5. SICOM will also look to appoint a recognized expert as the interim Director of NCMB by December 2011.</td>
<td>5. No progress.</td>
<td>5. An Interim Director of NCMB will be nominated by SICOM by March 2012, will be in charge of implementation of the start-up research, national and international collaboration and also for development of the requisite laboratories and infrastructure of NCMB.</td>
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<td>1. Draft training plan is ready. 2. Preliminary trainings organized in selected areas (procurement, financial management). 3. Some drafts of technical training modules and refresher courses under preparation.</td>
<td>1. Finalize Training Plan by December 2011. Start procurement process to get a consultant to coordinate implementation of the training plan including the planned national and international exposure programs. 2. Share a list of training activities undertaken so far in the Project (including in the State Components). 3. Hand over the job of development of training modules and refresher courses to NCSCM (and in turn to the partner institutes of NCSCM).</td>
<td>1. A draft Training Plan has been prepared, but yet to be discussed widely and agreed. No progress on the procurement of consultants to organize exposure programs. 2. No progress yet. 3. No progress as NCSCM is yet to be fully operational.</td>
<td>1. [Same as June 2011] Finalize Training Plan by April 2012. Start by March 2012 the procurement process to get a consultant to coordinate implementation of the training plan including the planned national and international exposure programs. 2. [Same as June 2011] Share a list of training activities undertaken so far in the Project (including in the State Components). 3. [Same as June 2011] Hand over the job of development of training modules and refresher courses to NCSCM (and in turn to the partner institutes of NCSCM). 4. (a) Prepare Summary of the Workshop Reports and upload in SICOM and NCSCM websites by February 2012. (b) NCSCM to conduct the following workshops – (i) workshop on Data Collection and Harmonization for Coastal fishery Resources, and (ii) workshop to define scope of Island Management Plans – by March 2012.</td>
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1F Capacity building of MOEF

4. The following workshops were conducted by the NCSCM – (i) June 13, 2011: workshop to enlist Fishworkers’ NGOs’ participation in Implementation of CRZ 2011; (b) In association with University of Ulster, UK; November: Methods to Plan for Wellbeing of Coastal Communities.
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<td>Project Management</td>
<td>1. MOEF had mandated SICOM to (i) implement the project, (ii) implement all ICZM activities of the MOEF, and (iii) implement all MOEF activities related to conservation of marine biodiversity. 2. SICOM office established; the minimum office infrastructure has been created. 3. Ten staff recruited; a third round of advertisement and interview process is underway to fill up the remaining positions.</td>
<td>1. SICOM, in collaboration of the SPMUs will prepare a Status Report on implementation by December 2011, and present to the GC in January 2012. Also prepare Annual Action Plan for the next year (2012-2013). 2. Given that the current office space is limited, SICOM should start thinking about expansion of the office space, and shall finalize a plan by March 2012. 3. Nil. 4. In addition to the process of recruitment, SICOM should appoint a few short-term contract staff for supporting (i) Vedaranyam, (ii) NCMB, (iii) profiling coastal communities and their culture and built spaces, (iv) conservation of cultural aspects of coastal communities including community eco-museums, (v) strategic thinking about housing for traditional communities on the coast, etc. Specialists for these positions could be recruited by October 2011.</td>
<td>1. Annual Action Plan (2012-13) was prepared and approved. The Implementation Status Report is being prepared on-schedule. 2. No specific progress, although this has been discussed. 3. Recruitment process for contract staff has not been completed (even if for most positions sufficient applications have been received). One staff has left; and performance of most others has not been adequate. 4. No progress yet.</td>
<td>1. SICOM with SPMUs (Odisha and West Bengal) will start preparation and installation by June 2012 of an in-house comprehensive on-line monitoring system that should be able to generate such reports automatically (so that high workload for this is reduced). 2. [Same as June 2011] SICOM should take on rent additional space in the same building; repair and refurbish (through an additional national shopping contract); and make ready the office spaces by March 2012. 3. SICOM is seriously understaffed. All positions advertised will be filled up before February 2012. In view of the low level of performance, the actions agreed during June 2011 have assumed a more significant role (see actions below). 4. [Same as June 2011] SICOM should appoint a few short-term (1-2 years) contract staff for supporting important initiatives such as (i) Vedaranyam, (ii) national centre for marine biodiversity, (iii) profiling coastal communities and their culture and built spaces, (iv) developing initiatives of conservation of cultural aspects of coastal communities including community eco-museums, (v) strategic thinking about housing for traditional communities on the coast, etc. Specialists for these positions should be recruited by March 2012.</td>
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<td>4. The Procurement and Financial management cell is working at full steam</td>
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<td>5. The Procurement part of procurement and Financial Management Cell needs strengthening and improved working. A plan for improving the work on the procurement aspects should be shared with Bank by end-July 2011.</td>
<td>5. The work of the Finance and Accounting Sub-Cell has been excellent. The Internal and External Audits have been regular and adequate. The performance of the PFMC consultants is expected to improve after the key personnel had been replaced. However, the Procurement Sub-Cell itself has been unable to deliver the work in time and with expected quality; or support the SPMUs in a proactive manner.</td>
<td>5. (a) The additional Project Director to be recruited should monitor the performance of the Procurement Sub-Cell and the PFMC consultants against regular milestones; (b) SICOM should recruit (preferably on secondment from a PSU) 1-2 senior procurement officer(s) to augment capacity for procurement and for contract management.</td>
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<td>5. The Communication Unit has started working with recruitment of part-time staff. Newsletters published; website under development. SICOM organized several workshops.</td>
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<td>6. Communication Cell needs strengthening as planned.</td>
<td>6. The part-time staff earlier recruited has left; and staff recruitment has not been completed.</td>
<td>6. Recruitment for Communication Cell should be completed by February 2012.</td>
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<td>6. All legal covenants (as recorded in the PAD) had been complied with within time.</td>
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<td>7. Nil.</td>
<td>7. Absence of staff and delay in recruitment are legal covenants that are in risk.</td>
<td>7. All planned recruitment should be completed by February 2012.</td>
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<td>7. Repeated attempts failed to identify any candidate for the position of Additional Project Director. Attempts will be renewed.</td>
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<td>8. The issue of Additional Project Director is very important. SICOM shall prepare a plan to recruit a senior government officer for this position; and if necessary obtain permission of GC for doing so.</td>
<td>8. Additional Project Director is yet not appointed. However, approval of GC has been obtained.</td>
<td>8. Additional Project Director will be appointed by February 2012.</td>
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<td>8. Operations Cell is not yet fully staffed. The work processes are also in the midst of being finalized.</td>
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<td>9. It is important to recruit services of consultants specializing on Human Resources Development to design the HR systems of</td>
<td>9. No formal progress, although SICOM has prepared ToR for this activity.</td>
<td>9. In view of the lower than expected performance of the SICOM contract staff, this has assumed rather more significance. SICOM will recruit HR consultants by February 2012 to set up</td>
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<td>9.</td>
<td>Although the project is preparing progress reports, no specific progress has taken place with respect to systematic monitoring and evaluation.</td>
<td>SICOM including defining work processes, responsibilities and performance management, incentive and disincentives. A full-fledged HR system should be available by December 2011 for full implementation.</td>
<td>10. QPR has been prepared as an amalgamation of reports from PEAs and SPMU – but not systematic that can be repeated. TOR/RFP for Evaluation Consultants is not yet ready.</td>
<td>a performance monitoring, incentive and evaluation system; and implement it by April 2012.</td>
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<td>10.</td>
<td>SICOM is involved in discussion with NOAA, USA and other international institutions about knowledge partnerships. Discussed with the Global Forum for Oceans, Coasts and Islands about organizing the next global conference in India, and for organizing a session on marine biodiversity during COP-2012.</td>
<td>QPR (for the period of July-September 2011) will be prepared using the final QPR format, which will used for the remaining duration of the project. Also, the TOR/RFP for the Evaluation consultants will be prepared by October 2011, so that the first evaluation report is available by March 2012.</td>
<td>10. As for QPR, all actions listed in Action (1) above will be completed. SICOM will prepare the TOR/RFP for Evaluation Consultants and recruit such consultant before May 2012. It was agreed that such a consultant shall be selected by using CQ method (even if the cost is very high) from among internationally reputed institutions or universities – who are otherwise not interested in cost-based selection (unlike commercial consultants, who might be cheaper but have no credibility to evaluate a program of this magnitude).</td>
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<td>11.</td>
<td>Nil.</td>
<td>11. No further progress; in light of capacity constraint at SICOM.</td>
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<td>12.</td>
<td>IMPORTANT: Please note the specific agreements related to the improvements required in the Procurement and</td>
<td>12. Some progress – discussed in detail in Annex 5 and Annex 6 of this Aide Memoire.</td>
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<td>IMPORTANT: Please note the specific agreements related to the further improvements required in the Procurement and the Financial</td>
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## COMPONENT TWO: PILOTING I.C.Z.M. APPROACHES IN GUJARAT

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| [2A] ICZM plan for Gulf of Kutchh | 1. The project has initiated a number of communication activities to gradually build awareness about integrated management plan.  
2. A 2-day national workshop was organized on the issue of scope and objective of ICZM planning process. In this stakeholders representing academia, industry, civil society and government agencies participated.  
3. The RFP for ICZM Plan is not expected until mid-2012. SPMU is collecting all information and stakeholder views which should be useful in formulating the ToR. | 1. Gujarat SPMU shall coordinate with the other SPMUs and NCSCM to gradually build up enough information to finalize the ToR.  
2. A specific brief from the National Workshop relevant to ICZM planning process should be prepared and shared with all states and NCSCM.  
3. By January 2012, a formal process for finalizing ToR for ICZM plan should start. | 1. Gujarat SPMU started contact with other SPMU and SICOM to collect information and ideas to prepare ToR for ICZM Plan  
2. Proceeding of the workshop has been shared with stakeholders for their comments. Response awaited.  
3. Nil, but expected to be on schedule. [SPMU has engaged 8 students from IRMA to prepare socio-economic management plans for 4 villages on the coast. This is a good initiative that should be continued in the coming years. However, the scale and scope of an ICZM Plan will be very different from any miniature or village levels plans.] | 1. The coordination should become formal – SICOM to alert all coastal states by March 2012 that Gujarat SPMU will formally write to all stakeholders.  
2. Rather than workshop proceedings, a specific brief with ideas to be circulated to all stakeholders (including outside the government) by March 2012.  
3. The formal process for preparation of the ToR should be preceded by (i) drafting a structure of the ToR; (ii) defining where consultants are required, and where state government departments will provide in-house expertise; (iii) defining the linkages among primary data collection, studies of regional coastal processes, preparation of shoreline management plans, and the ICZM Plan; (iv) defining processes for all above including revolving stakeholder consultations. In light of the lack of preparedness for these preparatory steps, it is agreed that the formal process will begin in March 2012, while collaboration with other SPMUs for the preparatory steps will start in January 2012. |
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<td>[2B-1] Capacity Building of Forest and Env Department &amp; Gujarat SCZMA</td>
<td>1. Nil.</td>
<td>1. A detailed proposal for capacity building of the Forest and Environment Department, including the needed capacity building to start using a part of the SPMU as the secretariat to SCZMA (if recommended by GoG) should be prepared by December 2011.</td>
<td>1. A draft proposal is ready with Gujarat SPMU.</td>
<td>1. SPMU needs to finalize this draft proposal in discussion with SICOM by April 2012.</td>
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<td>2. SPMU is providing logistics and other support to the Gujarat Coastal Zone Management Authority, but a formal proposal for declaring SPMU as secretariat of GCZMA has not been moved yet.</td>
<td></td>
<td>2. SPMU should seek comments from Odisha SPMU (which have been mandated by Government of Odisha to act as the Secretariat to Odisha SPMU) on the process, and receive approval from Government of Gujarat by June 2012 (proposal will need to be moved earlier, say March 2012).</td>
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| [2B-2] capacity building of the Gujarat State Pollution Control Board (GSPCB) for monitoring coastal waters of the Gulf of Kachchh | 1. GSPCB has undertaken the preparatory activities. 2. The new regional office at Bhuj has been set up; and setting up of its laboratory is underway. 3. Appointed 10 new scientific staff for analytical works; and each has been sent for a 1-month in-house training. 4. GSPCB has applied for NABL accreditation, and the pre-audit for such accreditation is complete. 5. Bid document for purchase of | 1. Nil 2. A full description of the objective, staffing, resources and work program for the Regional office at Bhuj and Jamnagar should be prepared and shared with NPMU and Bank by October 2011. 3. GSPC will finalize and include requisite details in the plan for monitoring the coastal waters of the Gulf of Kachchh. 4. GSPCB to ascertain whether the scientific staff is adequate to cope up with the workload. | 1. N/A 2. No progress. 3. A report on Coastal Water Monitoring has been submitted by GSPCB, but yet to be finalized. 4. No formal staffing plan; but a proposal has been mooted to hire additional contract staff. | 1. Nil 2. [Same as June 2011] A full description of the objective, staffing, resources and work program for the Regional office at Bhuj and Jamnagar should be prepared and shared with NPMU and Bank by February 2012. Additionally, GSPCB will undertake all measures to conserve the architectural heritage of the building at Bhuj. For this, GSPCB will hire services of a conservation architect. 3. GSPCB (a) needs to improve the draft monitoring protocol to be aligned with international and national standard protocols; and develop this as a operational manual to be used by all staff engaged in monitoring of coastal waters. 4. GSPCB to hire the contract staff without delay; but also to prepare a statement showing how the staff will be deployed in the next few years to undertake the coastal waters.
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<td>equipment was finalized and is expected to be advertised in July 2011. A technical committee was established to finalize specifications. SPMU and GSPCB organized meetings with suppliers and manufacturers to finalize technical specifications. 6. Prepared proposals for upgrading the laboratories at Gandhinagar, Rajkot and Jamnagar.</td>
<td>5. Nil.</td>
<td>5. No specific progress.</td>
<td>monitoring. Such a plan/statement should be shared with SPMU/NPMU by March 2012. 5. GSPCB to pursue NABL accreditation and report on progress by June 2012.</td>
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<td>6. SPMU (and GSPCB) will finalize issue the bid document for procurement of office equipment by July 2011, and the bid document for scientific instruments by August 15, 2011 (and schedule receiving Bank’s no-objection for prior review contracts with these final targets in mind). 7. A separate detailed note describing the improvement proposals, and the relevance to achievement of the project’s objectives will be finalized by October 2011; and if required the cost table should be modified during the next round of approval of annual action plans (January 2012).</td>
<td>6. IFB issued and bids received by December 2011. Almost all bids are found to be non-responsive.</td>
<td>6. SPMU/GSPCB should rebid by February 2012; after undertaking all actions to ensure that the bidding process do not fail again.</td>
<td>7. [Same as June 2012] A separate detailed note describing the improvement proposals, and the relevance to achievement of the project’s objectives will be finalized by March 2012.</td>
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<td>[2B-3] Capacity building of Gujarat Environment and Ecology Research</td>
<td>1. GEER has undertaken the preparatory activities. 2. Recruited 15 staff members and conducted training, including training is GIS. In addition, 6 persons have been trained in scuba diving; and more such</td>
<td>1. NIL</td>
<td>1. N/A 2. [Same as June 2011] GEER should prepare a revised staffing plan including the methods and schedule for recruitment; and share with the Bank by March 2012. This staffing plan should be accompanied by the revised work.</td>
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<td>1. GEER should prepare a revised staffing plan including the methods and schedule for recruitment; and share with the Bank by October 2011. This</td>
<td>2. A revised staff plan and revised work plan is being prepared. GEER Foundation recruited 13 employees; and orientation training is underway. Not clear how the</td>
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<td>(GEER) Foundation for bio-physical monitoring of the Gulf of Kachchh; biodiversity benchmarking for Gujarat Coast; and for developing appropriate coral transplantation models.</td>
<td>training is planned.</td>
<td>staffing plan should be accompanied by the revised work plan (showing how the initial delay of 6-9 months will be recovered during this and next year; and specific quarterly milestones). GEER should also re-confirm that staff hired by the Project will be sustained by GEER after the Project is over.</td>
<td>delay will be recovered.</td>
<td>plan (showing how the initial delay of 6-9 months will be recovered during this and next year; and specific quarterly milestones). GEER should also re-confirm that staff hired by the Project will be sustained by GEER after the Project is over. This confirmation should be analyzed by SPMU and shared with SICOM/Bank.</td>
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<td>3. Design layout for 5 field stations under progress. Design layout for central laboratory completed and cost estimate finalized. A small number of small instruments had been purchased.</td>
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<td>3. No specific progress, in light of the retracting and insistence by GEER Foundation (and SPMU) for the Central Laboratory at Gandhinagar instead of Jamnagar/Dwaraka. Architects have been procured for design of the field stations (there had been some delay due to the discussions on the process of procurement).</td>
<td>3. World Bank reiterated that the proposal for Central Laboratory at Gandhinagar is not acceptable; it should be at Dwaraka. World Bank however agreed that there is a need for a research station at Gandhinagar – and as such the original GEER Foundation proposals for Jamnagar and Gandhinagar can be swapped. Revised proposals for the Central Laboratory at Dwaraka, upgrading of Gandhinagar facility to be equivalent to a Research Station; and for all 5 field stations including architectural designs, list of equipment to be procured, and cost estimates should be finalized by March 2012, and procurement of all to be awarded by June 2012 positively.</td>
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<td>4. For procurement of major equipment, the technical specifications have been finalized, bid document under preparation.</td>
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<td>4. Technical specifications drafted for 12 sophisticated equipments drafted in October 2011 are yet to be finalized.</td>
<td>4. Bid (ICB) should be invited by January 2012. All actions to be taken to minimize chances of re-bidding.</td>
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<td>5. Sampling plan finalized; primary survey and data collection started from May 2011.</td>
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<td>5. The protocols and methods of monitoring; and dissemination of outputs of monitoring/research are under</td>
<td>5. Nil [Submit by March 2012]</td>
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| 6.       | For developing coral transplantation model, a technical committee has been nominated; and an action plan has been prepared. | 2012.  
6. No specific progress on the strategy or the model. However, regulatory clearances obtained for collecting corals from Lakshadweep. | 6. In view of delay and no significant progress by GEER Foundation, SPMU will ask the Marine National Park also to proceed simultaneously to develop the model and strategy in consultation with ZSI. |
| [2B-4] Bhaskaracharya Institute of Space Applications and Geo-Informatics (BISAG) for coastal information system for Gujarat | 1. BISAG undertaken the preparatory activities.  
2. Recruited adequate staff.  
3. Procured satellite imagery and information required.  
4. Prepared a GIS base map (including contours available from the satellite imageries, and digital terrain dependent on such contours) and a range of layers of information covering the entire coast of Gujarat.  
5. Thematic maps (including mangrove maps, coral atlas, maps of aquaculture or salt pan) have been prepared. Further work continues. | 1. Nil.  
2. Nil.  
3. Nil.  
4. Although all maps prepared by BISAG are available to any of the Government Departments, the specific maps prepared from the Project should also be shared with the SPMU (including in a GIS platform) and research agencies such as GEER for their use including analytical work. BISAG should prepare a plan for wider use of these maps and data for research work, and share such a plan with the Bank by March 2012.  
5. Nil. | 1. N/A  
2. N/A  
3. N/A  
4. BISAG had prepared software by means of which all maps prepared from the project will be publically available.  
5. Work continues satisfactorily on the thematic maps. | 1. N/A  
2. N/A  
3. N/A  
4. BISAG had prepared software by means of which all maps prepared from the project will be publically available.  
5. Nil. |
2. Mapping of the proposed plantation villages (to reconfirm the absence of mangrove) is complete. | 1. Nil.  
2. This data should be kept readily available – and a thematic layer included in BISAG GIS. All other data collected through PRA exercises should be | 1. Nil  
2. Map is being prepared. | 1. Nil  
2. These maps should be uploaded in the SPMU website and BISAG GIS. At least maps on one district should be in the website by June 2012. BISAG to confirm by June 2012 that all PRA |
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<td>3. Awareness campaign almost completed. Mangrove Yatra (including moving tableau, puppet show, street plays, audio and video shows) completed in 158 villages. 4. In total 30 eco-development committees, 70 community based organizations. 5. Nursery works is planned to start immediately.</td>
<td>incorporated in the thematic layers as attributes. 3. A report (and brief documentary) should be prepared on the mangrove yatra, and shared with SICOM and other SPMUs. 4. Community contracts should be signed without delay. GEC shall reconfirm by July 2011 that all CBOs (or SHGs) involved have substantial number of woman members, and either the president or the secretary of the CBO/SHG should be a woman.</td>
<td>3. A report on the Mangrove Yatra prepared and submitted to SICOM/Bank. 4. MoU has been signed with 36 CBOs, 50% women participant in CBO has been ensured.</td>
<td>exercises for the 163 villages have been included as thematic layers in the map. 3. This report should be uploaded in website by February 2012.</td>
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<td>[2C-A2] Coral reef regeneration by Marine National Park (MNP) 1. Work is not expected to start until the model is perfected by GEER (say by mid-2013). 2. MNP and GEER together are studying a large sample of locations along the Gulf of Kachchh to understand the environmental contexts that will be suitable for specific species and/or specific techniques.</td>
<td>1. Nil. 2. Nil.</td>
<td>1. N/A</td>
<td>1. In view of the slow progress by GEER Foundation, SPMU will ask the MNP to work in parallel to develop the model and strategy for coral reef regeneration by early 2013, so that actual coral transplantation by MNP can start by mid-2013. 2. Nil.</td>
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<td>[2C-A3] Mangrove and shelter-bed plantation by MNP. 1. MNP has undertaken the preparatory activities. 2. At 10 villages, eco-development committees (EDCs) and 78 associated self-help groups (SHGs) have been formed. Formation of EDC under progress in 20 other villages. Entry point activities have</td>
<td>1. Nil. 2. MNP shall share a copy of the contract (or MOU) entered with the EDCs and SHGs with the Bank by July 2011. MNP will additionally reconfirm, by July 2011 that all EDCs and SHGs have sufficient women</td>
<td>1. MNP has singed total of 10 MOU with EDCs till date. MNP and SPMU confirmed that all EDCs and SHGs have sufficient women members, and the head of each of the SHGs is a woman. 2. Nil; to be continued in the same manner.</td>
<td>1. N/A</td>
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### Activity

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<td>started in 10 villages or eco-development committee (EDC) areas; and these activities are expected to be completed within September 2011. 3. Through the EDCs, a total of 600ha of mangrove has been planted. Additionally, 300ha of shelterbelt plantation is completed.</td>
<td>members, and either the president or the secretary of each of the EDCs and SHGs is a woman. 3. Mangrove plantation through EDCs should be continued, and the quality of plantation and their survival should be monitored closely by SPMU, and frequency and result of such monitoring should be recorded in each QPR.</td>
<td>3. Altogether mangrove and shelterbelt plantation has started in nearly 5000ha. Adequate reports and maps have been prepared, and shared with SPMU.</td>
<td>3. All plantation work to be continued in the same manner. It was agreed that targets for shelterbelt plantation can be increased [without immediately reducing targets for mangrove plantation] in view of the chance that enough land suitable for mangrove plantation may not be finally available. SPMU should install a third-party monitoring mechanism in place by April 2012, and the first report from the third-party monitoring should be available by June 2012.</td>
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<td>4. An additional 700ha mangrove has been planted on remote islands, using force account. The quality of plantation and their survival rate has been monitored and found to be very good.</td>
<td>4. Given the issue of uncertainty of measuring performance of force accounts, mangrove plantation using force account should only be taken up in 3 villages of Gorghat, Jodia and Charkhala (as these villages have been declared “no-go” areas). All other planned mangrove plantation in islands should be done through EDCs and SHGs with clear and distinct MOU or contracts.</td>
<td>4. The Mangrove plantation activity using force account is being undertaken only in the “no go” areas.</td>
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<td>1. Government of Gujarat decided to consider the Tourism Department the responsible PEA instead of MNP. The Tourism Department as the PEA should prepare a protocol on how species under respective Schedule s of the Wildlife Act</td>
<td>SPMU is in the process of getting approval for declaring TGCL as the PEA.</td>
<td>1. (a) SPMU will move the proposal to declare TGCL as the PEA by April 2012; (b) TGCL will organize all necessary approvals and cooperation.</td>
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**[2C-A4] Marine Resources Conservation**

1. Government of Gujarat decided to consider the Tourism Department the responsible PEA instead of MNP. The Tourism Department as the PEA should prepare a protocol on how species under respective Schedule s of the Wildlife Act
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<td>and Interpretation Centre and Oceanarium (MRCI) at Dwaraka</td>
<td>Department brings additional technical strength; improved the potential of private sector investment; and if required the Tourism Department is agreeable to invest additional money to fill viability gap. This is agreeable to the Bank.</td>
<td>will be procured, displayed and conserved; and the responsibilities of the Wildlife Department and the Marine National Park, describing respective responsibilities. This should be shared with the Bank by October 2011, before the bid for the PPP is initiated. 2. Site for the MRCI (as also the NCMB and the GEER Central Laboratory) should be reserved for such purpose by a government order. Actual mutation/lease will be needed when the private investor comes on board (say by April 2012). 3. Initial discussion with potential private sector investors should be organized by October 2011, so as to understand the industry demands. 4. Once the scope of NCMB is known better (see 1E), a conceptual design brief should be prepared by SPMU, SICOM and the two PEs so as to finalize the scope of PPP by March 2012.</td>
<td>2. No specific progress although all agreements in place.</td>
<td>2. CRZ mapping for the site to be completed by SPMU with engagement of an expert agency to be completed by March 2012. 3. A transaction advisory consultants’ service will be required. SPMU will float an REOI by February 2012. 4. SICOM should provide the design brief input by April 2012.</td>
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<td>3. Discussion with private sector to be initiated; various models being discussed.</td>
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<td>3. No Progress yet.</td>
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<td>4. Discussions have taken place about combining facilities for the MRCI with that of the NCMB and the proposed central laboratory of GEER.</td>
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<td>4. No progress owing to lack of input from SICOM.</td>
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<td>[2C-B1] Sewerage System of Jamnagar by the Jamnagar Municipal Corporation (JMC)</td>
<td>1. JMC has undertaken all preparatory activities. 2. Sewerage including house connection: [A] a pilot work of laying sewers and providing house connections at Prabhukripa Society was completed using local shopping.</td>
<td>1. Nil. 2. Sewerage including house connection: [A] The PMC (with help from the SPMU Communications Cell as agreed between SPMU and PMC) will prepare a brief documentation of the work, and the reaction of</td>
<td>1. N/A 2. Sewerage including house connection: [A] A brief document on the sewerage work for Prabhukrupa Society was submitted to SPMU in September 2011; but does not address the</td>
<td>1. Nil 2. Sewerage including house connection: [A] A brief document will be improved by PMC and the Communication cell of SPMU including specific interviews with house-owners at the Prabhukrupa Society and summary recommendations as to how to ensure 100% connection</td>
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<td>[B] For the larger sewerage works, the (PMC) was mobilized in April 2011. [C] Preparatory work for inviting bids for deep suction machine, and for sewage pumping stations is almost complete. [D] Two works packages together worth Rupees 418 million has been awarded in June 2011.</td>
<td>the community, and with a special focus on the issue of how to provide incentives and disincentives such that 100% consumers connect to the sewers based on interviews and household survey; and share this with SPMU/SICOM/Bank by August 2011. [B] PMC will now prepare in agreement of the contractors, a final detailed execution schedule, and a plan for communication campaign, and share this with SPMU/SICOM/Bank by October 2011. [C] Nil. [D] JMC, with help from PMC shall prepare (i) a plan for advance warning, communication and grievance redress wherever public amenities such as water supply, street lights, storm water drain, or access road will be impacted by laying of sewer lines; and finalize actions to implement this plan; and (ii) a plan to achieve the target that 100% consumers in the sewered areas in the city get connected to the sewer network, including detail description of public outreach, incentives and disincentives, changes in municipal byelaws, etc. Both plans should be ready by December 2011.</td>
<td>concern as to what needs to be done by JMC to ensure 100% consumers connect to the sewers. [B] JMC with help from their PMC has prepared a detailed schedule for execution of the sewerage contract for packages 1 &amp; 2. This lists the milestones and quarterly progress requirements by November 2011. During the mission a number of deficiencies in the contract, especially on the communication campaign was noticed. [C] N/A. [D] No visible progress, even if these plans are expected to be completed soon. [E] ADDITIONAL: Contracts are progressing well, with quality of construction reasonably good; but there are shortcomings: (i) quality control does not regularly and formally cover invert levels; quality control by PMC for manholes is inadequate and sometimes causing delay; construction wastes and dug up earth is spread over the construction area indiscriminately; progress of work in both packages could be better, and in package I is very slow; there are legitimate concerns about the consumers connect to the sewers. House connections in this Society will be monitored and a separate brief report should be prepared on the status of house connections by October 2012. [B] JMC/SPMU will instruct PMC to improve the plan and schedule by inclusion of specific communication campaign addressing all issues raised by the Corporators and citizens of the Jamnagar Municipality, and the missing communication activities discussed during the mission. This should be submitted to SPMU/SICOM/Bank by February 2012. [C] Nil. [D] (Same as June 2011): JMC, with help from PMC shall prepare (i) by February 2012, a plan for advance warning, communication and grievance redress wherever public amenities such as water supply, street lights, storm water drain, or access road will be impacted by laying of sewer lines; and instruct the contractors to implement this plan; and (ii) by April 2012, a draft plan to achieve the target that 100% consumers in the sewered areas in the city get connected to the sewer network, including detail description of public outreach, incentives and disincentives, changes in municipal byelaws, etc. This should be finalized by October 2012. [E] ADDITIONAL: PMC will ensure that (i) progress of work in both packages should accelerate, especially for package I; (ii) the contractors manage the construction wastes</td>
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<td>3. Sewage treatment plant:</td>
<td>[A] JMC shall immediately install fencing of the entire site available for STP. A brief site plan including the important and aesthetic features on and around the site and photographic records of these features should be compiled, to be used as part of the design brief for the PPP investment. [B] PMC will prepare a short note on the relative advantages and disadvantages of EPC contract versus DBO contracts, and a final decision will be made based on this by August 2011. SPMU will appoint individual PPP experts to</td>
<td>diameter of the sewers, especially at the household connection level; communication signs do not specify the construction period in the dug-up lanes.</td>
<td>including dug up earth efficiently, without delay and double handling; (ii) all invert levels are regularly checked and cleared by PMC; (iv) organize technical presentations to the Corporators of Jamnagar on the issue diameter-size of the sewers; (v) contractors shall implement a full-fledged communication plan, and install signage as necessary; (v) that it will recruit the requisite number of civil engineers in their team (instead of other engineers who are not required at this point of time), and place a requisite number at the place of manufacturing of the manhole covers, such that quality control of the contracts is adequate, and that there is no delay in the contracts.</td>
<td>3. Sewage treatment plant: [A] JMC should complete the fencing of the entire site available for STP. JMC will prepare a brief report, by February 2012, showing the site, the important and aesthetic features on and around the site and photographic records of these features, to be used as part of the design brief for the PPP investment. [B] A sort note comparing the differences and definitions of variations of PPP contracts was prepared and submitted to Bank by October 2011; which did not address the issue of relative advantages and disadvantages of DBO versus EPC contracts. SPMU has not been able to appoint</td>
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<td>3. Sewage treatment plant:</td>
<td>[A] JMC has completed the fencing works as per approval and further fencing works shall be completed as agreed after approval from SPMU. The Site Assessment Report has not been prepared. [B] A sort note comparing the differences and definitions of variations of PPP contracts was prepared and submitted to Bank by October 2011; which did not address the issue of relative advantages and disadvantages of DBO versus EPC contracts. SPMU has not been able to appoint</td>
<td>3. Sewage treatment plant: [A] JMC should complete the fencing of the entire site available for STP. JMC will prepare a brief report, by February 2012, showing the site, the important and aesthetic features on and around the site and photographic records of these features, to be used as part of the design brief for the PPP investment. [B] Bank will provide, by January 2012, comments and suggestions on the guidance document for preparation of the bid document. As PMC was unable to prepare satisfactory outputs in this regard, SPMU will recommend to PMC to dedicate some of the resources to prepare and deliver this in a timely and acceptable manner. SPMU procurement</td>
<td>3. Sewage treatment plant: [A] JMC should complete the fencing of the entire site available for STP. JMC will prepare a brief report, by February 2012, showing the site, the important and aesthetic features on and around the site and photographic records of these features, to be used as part of the design brief for the PPP investment. [B] Bank will provide, by January 2012, comments and suggestions on the guidance document for preparation of the bid document. As PMC was unable to prepare satisfactory outputs in this regard, SPMU will recommend to PMC to dedicate some of the resources to prepare and deliver this in a timely and acceptable manner. SPMU procurement</td>
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<td>support the process of finalization of the DBO documents including norms, performance standards, environmental standards, and compliance to any other requirement that JMC/SPMU may have. Extensive consultation with potential investors will be needed, and should be completed by September 2011, before the bid documents are finalized. In addition, the JMC will examine options for constructing a world-class STP with suitable landscaping so that the opportunities presented by the STP site is not lost, and the site does not fall in to a state of disuse or abuse in future. These additional standards, relevant and specific to the site will be incorporated in the bid document.</td>
<td>nor mobilize through PMC any individual PPP expert to prepare the required documents to be included in the DBO documents. Consultations with potential investors were organized at Jamnagar in July 2011, and at Gandhinagar August 2011. There had been several discussions (including on issues addressed a number of times earlier such as advantage of a DBO contract). SPMU has prepared a draft guidance note for preparation of the bid document; Bank comments or suggestions on this are pending.</td>
<td>cell will provide advisory guidance to PMC; and SPMU will procure expert advice (for example from within the MRCI transaction advisory) to support the process of finalization of the DBO documents including norms, performance standards, environmental standards, and compliance to any other requirement that JMC/SPMU may have. SPMU will organize (again, if possible with support from the MRCI transaction advisory) extensive consultation with potential investors March-April 2012, before the bid documents are finalized. In addition, the JMC (with support from PMC) will examine options for constructing a world-class STP with suitable landscaping so that the opportunities presented by the STP site is not lost, and the site does not fall in to a state of disuse or abuse in future. These additional standards, relevant and specific to the site will be incorporated in the bid document. PMC will prepare a brief report covering each of the above actions, and share with SPMU/NPMU/Bank by April 2012.</td>
<td>4. Pumping Stations and Deep Suction Machine: [A] SPMU and JMC has prepared the bid document for the pumping stations, and bids are expected to be invited in January 2012. [B] Bids were invited for the deep suction machines, but all the bids received had been found non-</td>
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<td>4. Pumping Stations and Deep Suction Machine: [A] SPMU and JMC should take all measures including extensive contact with potential bidders to ensure that the bidding process for the pumping stations does not fail; and invite bids by February 2012. [B] With respect to re-bidding for the deep suction machine; SPMU will take all actions to including meeting/contact</td>
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<td>[2C-B2] Oil-Spill Management in Gulf of Kachchh by Gujarat Maritime Board</td>
<td>1. The Government of Gujarat has decided that in view of the looming oil-spill risks, oil-spill risk management is a priority. It has decided that the Gujarat Maritime Board will prepare and implement a oil-spill risk management plan for the Gulf of Kachchh. 2. The Bank agreed that preparation of a comprehensive plan is important; and depending on the final plan proposals, a decision can be taken to include some activities in the Project at, say, mid-term review.</td>
<td>1. SPMU/GMB will prepare a plan for comprehensive (Tier 1, 2 and 3) oil-spill management in the Gulf of Kachchh in the Project. 2. SPMU will procure the consultancies, if required, to prepare the comprehensive oil-spill management plan, subject to the provision that the GMB will manage and guide the consultants.</td>
<td>responsive; SPMU is going to rebid this.</td>
<td>with potential bidders in and outside India to ensure that the re-bidding process succeeds. SPMU will strive to complete the rebidding process by March 2012.</td>
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<td>[2C-C1] Livelihood improvement activities by the GEC</td>
<td>1. GEC has undertaken the preparatory activities. 2. Highly satisfactory progress has been achieved in this activity.</td>
<td>1. NIL 2. NIL. GEC and SPMU are encouraged to prepare a brief description of how the field workers and coordinators are implementing the activity, and share with SICOM and the other Project States. GEC is also</td>
<td>1. NIL 2. GEC and SPMU had already shared performa documents with SPMU-Odisha and SICOM. SPMU has started implementing HR guidelines, which takes care of all travel related expenditure of field staff.</td>
<td>1. NIL 2. Nil.</td>
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<td>3.</td>
<td>In total, 48 participatory rural appraisals, 140 gram sabha meetings and 411 village meetings were completed. Coastal dependency surveys conducted for Jamnagar, Gandhidham and Naliya. Eco-development committees have been organized in 30 villages, CBOs formed in 70 villages, and SHGs have been created in 196 villages. These have been completed in parallel to the implementation of 42 entry-point activities related to mangrove plantation activities. All CBOs and SHGs have a majority of women members, and either the president or the secretary of each of the CBOs or SHGs is a woman.</td>
<td>encouraged to provide additional transportation support to the field workers if required.</td>
<td>3. Further progress has taken place.</td>
<td>3. Nil. [The activities should continue retaining the current level of energy and commitment of the field staff]</td>
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<td>4.</td>
<td>Each of the newly formed CBOs, SHGs, and EDCs has been provided with initial orientation training, technical training, and exposure visits.</td>
<td>4. Nil. The training program (which will be a total of around 800 training sessions) should start without delay.</td>
<td>4. SPMU has initiated procurement processes to avail services of an NGO experienced in imparting such training (expected to start by March 2012).</td>
<td>4. Nil. The training program (which will be a total of around 800 training sessions) should start without delay.</td>
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<td>5.</td>
<td>Workshop on the occasion of the centenary of International Women’s Day at Gandhinagar.</td>
<td>5. Nil.</td>
<td>5. Several smaller workshops have been organized.</td>
<td>5. Nil. [To be continued in the current manner.]</td>
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<td>2C-C2</td>
<td>Eco-tourism and livelihood improvement by</td>
<td>1. MNP will immediately start taking actions on this. No work should be done through force accounts. The next QPR should</td>
<td>1. Bid documents for the Marine Interpretation Center is prepared</td>
<td>1. SPMU and MNP will ensure that all bids are awarded before April-May 2012.</td>
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1. No progress so far. | 1. MNP will immediately start taking actions on this. No work should be done through force accounts. The next QPR should | 1. Bid documents for the Marine Interpretation Center is prepared | 1. SPMU and MNP will ensure that all bids are awarded before April-May 2012. |
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<td>the MNP</td>
<td>1. Nearly all SPMU staff appointed. 2. SPMU office was established and operational. 3. The Project was launched at Dandi. 4. The Procurement and Financial management cell is now fully operational – with consultants for (i) procurement and financial management support; (ii) internal audit; (iii) integrated management information system; and, (iv) a dedicated website for SPMU. Financial management reports up to March 2011 submitted and approved. Tally accounting software has been installed and training completed at SPMU and at PEAs. Statutory audit report for 2010-11 has been prepared and is under review of SICOM. 5. The Communication Cell has started working full steam leading publication of three monthly newsletters. The</td>
<td>clearly show the schedule of activities planned. SPMU and MNP will discuss all corrective measures required, and SPMU will provide necessary support to MNP as required.</td>
<td>2. Design preparation for nature trail is under preparation</td>
<td>2. SPMU and MNP will ensure that all bids are awarded before April-May 2012.</td>
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<td>[2D] Project management</td>
<td>1. The State Project Director has recently retired. The Government of Gujarat is in the process of selection of a new State Project Director to be chosen from among the senior officials of the State. Until such new State Project Director is nominated by the State, the Principal Secretary, Forest and environment department will act as the State Project Director. 2. N/A 3. N/A 4. N/A</td>
<td>1. Mr. A K Verma, a senior officer has been appointed as Project Director.</td>
<td>1. Nil. [However, in the coming months it is possible that senior project officials will be retiring; it is important to plan for a transition.]</td>
<td>2. Nil. 3. Nil. 4. SPMU will consider the following actions: (a) more time input will be sought from the senior procurement advisor, who is currently able to provide about 5 days support; (b) PFM consultants will be strictly monitored for their performance and delivery; (c) and any other augmentation by way of recruitment of contract staff to the Procurement and Financial management Cell. These actions should be initiated as soon as possible. 5. SPMU will recruit suitable contract staff for the Communication Cell; and restart the work of the Cell as per the project’s communication strategy, by March 2012.</td>
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<td>6.</td>
<td>website for SPMU is under development. A toll-free telephone line is operational to record grievances. 6. All PEAs have opened bank accounts, nominated nodal officers, signed MoU with SPMU, put in place computerized accounting system; recruited staff. Additionally, all audit backlog of JMC has been updated, and the entity audit is now up to date. 7. SPMU has organized several workshops: 6 of these particularly valuable. Additionally SPMU is organizing monthly meetings with PEAs, and quarterly progress review meetings. 8. All legal covenants (as recorded in the PAD) had been complied with within time, except that there is a partial compliance to the covenant related to allocation and transfer of the State’s portion of budget. Procurement Plan for the entire Project has been updated.</td>
<td>submitted using this finalized format. 6. SPMU will finalize the format for Quarterly Progress report, and the QPR for the period of April-June 2011 will be submitted using this finalized format. 7. Nil. 8. See Annex 5 for a detailed discussion on State share of Financing. <strong>IMPORTANT:</strong> Please note the specific agreements related to the improvements required in the Procurement and the Financial Management Systems – described in detail in Annex 5 and Annex 6.</td>
<td>website is working, but content needs regularly updated and improved. 6. There has not been any significant progress in preparing systematic monitoring and reporting formats. 7. Several more workshops and more importantly regular progress review meetings have been organized. 8. The first 25% of State share has been received by SPMU. The remaining portion is expected to be received soon, given that the original GO had been revised to make the GoG commitment clear and equal to the Project Agreement.</td>
<td>6. [Modified from June 2011] SPMU will finalize the format for Quarterly Progress report based on formats provided by NPMU by March 2012, and the QPR for the period of April-June 2012 will be submitted using this finalized format. 7. Nil. [Continue in the same manner.] 8. SPMU to ensure that they receive the full State share financing; and inform SICOM/Bank before March 2012. 9. <strong>IMPORTANT:</strong> Please note the specific agreements related to the improvements required in the Procurement and the Financial Management Systems – described in detail in Annex 5 and Annex 6.</td>
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## COMPONENT THREE: PILOTING I.C.Z.M. APPROACHES IN ODISHA

|----------|---------------------------------------------------------------|--------------------------------------------------|---------------------------|----------------------------------------|
| [3A] ICZM plan for the stretches of Gopalpur-Chilika and Paradip-Dhamra | 1. The project has initiated a number of communication activities to gradually build awareness about integrated management plan.  
2. SPMU has organized several multi-stakeholder workshops to create awareness about objectives of ICZM.  
3. The RFP for ICZM Plan is not expected until mid-2011. SPMU is collecting all information and stakeholder views which should be useful in formulating the ToR. | 1. Support the Gujarat SPMU to establish forum to coordinate discussion on the ToR for preparation of ICZM Plan.  
2. Nil.  
3. By January 2012, a formal process for finalizing ToR for ICZM Plan should start; and all inputs from the progress of preparation of the regional coastal process study and the proposed shoreline management plan should be provided by Odisha SPMU. | 1. No specific additional progress so far, but the experience gained in preparation for the regional coastal process study will be shared with SICOM/SPMUs.  
2. N/A  
3. A formal process for finalizing ToR for ICZM Plan would be initiated based on the out puts of ICZM workshop. All inputs from the progress of preparation of the regional coastal process study will be provided by SPMU, Odisha by April 2012. | 1. A brief document listing the main learning should be prepared and shared with SICOM/SPMUs by April 2012.  
2. Nil.  
3. A workshop will be organized in March 2012, focusing on the need for defining objectives of (i) shoreline management plan, and (ii) ICZM plan. Recommendations should be reported in concise form to all SPMUs and SICOM by April 2012. |
| [3B-1] Capacity building of the Department of Forest and Environment (Orissa SCZMA) | 1. The SPMU has been already designated as the secretariat of the State Coastal Zone Management Authority. A minimum infrastructure has been created.  
2. No other specific progress has been made on the issue of capacity building of the Forest and Environment Department. | 1. SPMU should prepare a brief estimate of the workload related to the work as the secretariat to the SCZMA, and if required ask to additional resources, particularly for supporting decision-making by SCZMA and for dissemination of the SCZMA decisions; by March 2012; and included in the next year’s annual action plan.  
2. A detailed proposal for capacity building of the Forest and Environment Department, based on the state capacity building plan prepared by the XIM, Bhubaneswar, should be shared | 1. The Secretariat of Orissa SCZMA is established at SPMU Orissa. The DoFE has been requested to develop a proposal indicating workload and additional resources including human resources requirements for this Secretariat. Expected to be ready by April 2012.  
2. No specific progress, although XIm, Bhubaneswar is working on this. SPMU intends to hire additional services from XIM, | 1. The plan including plan for acquiring additional resources should be finalized by April 2012; and should be included in the annual action plan of 2012-13.  
2. [Same as June 2011] A detailed proposal for capacity building of the Forest and Environment Department should be shared with SICOM and World Bank by June 2012. Odisha SPMU is requested to share a draft |
|----------|---------------------------------------------------------------|-------------------------------------------------|--------------------------|------------------------------------------|
| [3B-2] Capacity building of the Orissa State Pollution Control Board (OSPCB) for monitoring coastal water quality and environment | 1. OSPCB undertook the preparatory activities.  
2. OSPCB has established a project office (temporary until the coastal management laboratory is in place) including its minimum facilities and office equipment; and deployed staff for the activity in February 2011.  
3. Coastal Monitoring laboratory at Paradip: OSPCB has taken over by lease a site at the Paradip Town for the laboratory. This site, 1 acre, free of any claims and encumbrances is suitable for the laboratory. A consultancy for | with SICOM and World Bank by December 2011. Odisha SPMU is requested to share a draft proposal with NPMU and other SPMUs, so that by December 2011 the other SPMUs are also supported to prepare the final proposal. | Bhubaneswar for this. | proposal with NPMU and other SPMUs, so that by March 2012 the other SPMUs are also supported to prepare the final proposal.  
[Additionally] World Bank agrees to the proposal from SPMU to hire additional services of XIM, Bhubaneswar to prepare a comprehensive capacity building plan. |
<p>| | 1. Nil. | | 1. N/A | 1. Nil |
| | 2. OSPCB will need to prepare a recruitment plan and schedule and share with the World Bank by October 2011. Given that OSPCB suspects that there could be conflicts among the newly recruited staff in the Project (which will be sustained after closure of the Project) and the older OSPCB staff; and there could be lack of interest in skills development due to this, World Bank recommends that OSPCB prepares a Human resources Plan taking each of these into consideration by March 2012 (or before the full recruitment drive is launched, if earlier). | | 2. Preparation of the recruitment plan was delayed by the unease and suspicion around the service conditions of older staff versus that for the newly recruited staff. This has been sorted out by State Government order of September 28, 2011. The retention of project staff, beyond project duration, will be guided by the regular OSPCB service condition. OSPCB is now launching the recruitment drive. | |
| | 3. Coastal Monitoring laboratory at Paradip: OSPCB will ensure that the new laboratory building will comply with all the environmental and pollution control norms; and should be able to demonstrate best | | 3. Coastal Monitoring laboratory at Paradip: All measures including compliance with the environmental and pollution control norms, in areas such as minimization of effluent | |
| | 3. Nil. | | 3. Nil. [OSPCB and their architectural consultants should ensure that the contractor completes the work in time. The procurement process for electrical works and interiors should be advanced such that the laboratory is available for effective use at the earliest.] Bank also |
|----------|---------------------------------------------------------------|-------------------------------------------------|-------------------------|------------------------------------------|
| 4. | Environmental Monitoring: OSPCB has started preparing an action plan for environmental monitoring of the coasts. This plan is expected to be finalized by March 2012. | practices in areas such as minimization of effluent discharge, solid waste management, chemicals and hazardous wastes management and disposal, handling of chemicals; solar passive architecture and generation of solar energy. SPMU and OSPCB will ensure that all procurement activities are on schedule, without further delay. | discharge, solid waste management, chemicals and hazardous wastes management and disposal &amp; handing of chemicals, solar passive architecture and generation of solar energy have been incorporated in the design and in the bid documents. Bids for civil work have been received and contract awarded. Bid documents for electrical and interior works are nearly ready and will be invited on schedule. | agrees with the SPMU proposal to take up additional activities, including procurement of consultants, to avail a gold/platinum certification for this “green building”. |
| 5. | OSPCB completed the entity level statutory audits up to 2008-09. It is expected that such audits for the OSPCB up to 2010-11 shall be completed by October 2011. | 4. Environmental Monitoring: As part of the environmental monitoring action plan, OSPCB will specifically decide level of aggregation of monitoring data to be disseminated in its website. The action plan should also include how the large capability for data storage, collation and dissemination will be built. | 4. Environmental Monitoring: Data acquisition, storage and retrieval - all important parts of environmental monitoring has been considered in design of the system. An action plan and protocol (see similar discussions for coastal waters monitoring for Gujarat) will be developed on schedule. | 4. Environmental Monitoring: An action plan and protocol (see similar discussions for coastal waters monitoring for Gujarat) will be prepared and shared with SPMU/SICOM/NPMU by April 2012 (Note that this is not dependent on recruitment of staff). |</p>
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<th>Environmental Monitoring: An action plan and protocol (see similar discussions for coastal waters monitoring for Gujarat) will be prepared and shared with SPMU/SICOM/NPMU by April 2012 (Note that this is not dependent on recruitment of staff).</th>
<th>5. Until such time that statutory entity level audits of OSPCB is not completed and updated, SPMU will transfer only such amount of money to the OSPCB bank account to service commitments of contracts already awarded under this Project.</th>
<th>5. OSPCB has completed the statutory audit up to 2009-10 by 30th November, 2011. Statutory audit for 2010-11 will be completed by February 2012.</th>
<th>5. Nil. SPMU will now transfer money to the OSPCB “link account”, as per requirement of the activities undertaken by OSPCB.</th>
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| 1. CDA had undertaken the preparatory activities. | 1. Nil. | 1. N/A | 1. Nil. | [The mission also appreciated the high quality of work these young professionals are already producing; and the effective manner their work program is managed and monitored by CDA, especially a senior expert consultant retained by CDA.]
| 2. Nine project staff has been recruited, and most already joined. For 3 other positions (Water resources Modeller; mathematical Modeller; and Analyst for Dolphin Research Electronics) the first round of recruitment failed to identify suitably qualified professionals, and a second recruitment process has been initiated. | 2. Nil. However, if the second round of recruitment also fails, CDA and SPMU will need to prepare an alternative plan. As the instruments and equipment procured by WRTC cannot be put into substantial use in absence of these 3 professionals, CDA should always keep a back-up plan ready. | 2. The following recruitment, in addition to the 9 positions reported in June 2011 is complete: 1 Project Fellow, 2 Project Scientists, 2 Project Assistants has been completed by October 2011; and the remaining 1 Project Assistant will be recruited by January 2012. | 2. Nil. | 3. Nil. [However, a timeframe by which data will be stored, analyzed and retrieved should be decided and these target dates need to be informed to all concerned including SPMU/SICOM/Bank by June 2012.]
| 3. Habitat Evaluation & Monitoring of Avian Fauna in Chilika Lake: the procurement process is nearly over and the awarded to the consultants is expected early to mid-July 2011. | 3. Nil. However, with respect to all the 4 studies already launched or to be launched (and the other proposed studies in future), CDA will need to work out with all the consultants together the manner and schedule that the data collected by consultants is uploaded in the GIS by WRTC staff. | 3. The software and hardware to set up the GIS cell is already completed. Two Project Assistants (GIS) already recruited and once the data flow starts it would be imported into GIS platform for easy analysis and retrieval. | 3. Nil. | 5. Intermediate results of the study should be regularly published in the SPMU/NPMU websites.
<p>| 4. Study on Fish Ecology and Diversity: RFP for procurement of consultants is issued, and the final award is expected by end-August 2011. | 4. Same as above. | 4. Contract for fish ecology and diversity study has been signed with CIFRI, Kolkata and the study began in November 2011. | 4. Intermediate results of the study should be regularly published in the SPMU/NPMU websites. | 5. Intermediate results of the study should be regularly published in the SPMU/NPMU websites. |</p>
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<th>5. Assessment of Macrophytes Biodiversity in and around Chilika: RFP to shortlisted consultants will be issued in July/August 2011, and award is expected by September 2011.</th>
<th>5. Same as above.</th>
<th>5. Contract has been awarded in December 2011 to the Regional Plant Resource Centre, Bhubaneswar.</th>
<th>5. Intermediate results of the study should be regularly published in the SPMU/NPMU websites.</th>
<th>6. This is delayed; and needs to be awarded latest by February 2012.</th>
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<td>7. Strengthening the Wetland research and Training Centre (WRTC): For procurement of scientific instruments - bid received in May 2011. Bid evaluation going on. Similarly, bid evaluation for computers and hardware is under progress. Modelling software such as MIKE21, GIS platform (ArchGIS 10, ArcInfor, ArchView and 3D Analyst), and image processing software (ERDAS Imagine, Imagine Autosync and Imagine Deltacue) have been procured. Civil work contract for renovation and upgrading of the WRTC laboratory has been awarded; and procurement process for office equipment and office/laboratory facilities is going on. All activities are on schedule.</td>
<td>7. Strengthening of WRTC: WRTC should prepare an action plan for the entire research program of the WRTC (including the ICZM Project funded activities and the activities funded by other sources including governments) describing the research objectives, the outputs, the schedule of delivery for the period of next 3-5 years. Such a plan should be shared with the World Bank by December 2011. <strong>Additional:</strong> Recently MOEF has declared that it will finance/support Odisha to set up (a) Centre of Excellence on Wetland Management and Training at a cost of Rs. 500 million; and (b) under the Coastal Zone Management program, a centre for research on turtles. The SPMU and the Department of Environment and Forests to consider combing all these proposals, and locate these new centers adjacent to WRTC instead of at Bhubaneswar such that a world-class facility (or a complex of facilities) for research and training can be created in Odisha. SPMU/ with help from CDA will propose such an alternative to the Government of Odisha.</td>
<td>7. Strengthening of WRTC: (i) a final action plan for the entire research program has not yet been finalized; (ii) civil works and interior works for upgradation of the modeling cell, analytical laboratory has been completed; contract has been awarded for supply of computers and other hardware, and the supply is expected to be on schedule; major office equipment and office/laboratory facilities have been procured; (iii) procurement of scientific instruments is delayed due to failure of the ICB procurement process; bids have been re-invited in December 2011. <strong>Additional Issue (1) of the Centre of Excellence on Wetland Management and Training:</strong> A final decision on location will be taken soon after formal clearance/sanction by MOEF. <strong>Additional Issue (2):</strong> The mission agreed that the current WRTC buildings should be retrofitted in the project to achieve a “gold” certification as a “green building”. <strong>Additional Issue (3):</strong> Steps should be initiated by the SPMU and the Forest and Environment Department to take over the incomplete but large government building at Barkul; complete this as a “green building”, and use as a research facility of WRTC and/or the proposed Centre of Excellence. The advantages would be: (i) saving of cost, (ii) need for land near the Chilika lake for a building will be avoided; (iii) avoidance of environmental impacts on the lakeshore.</td>
<td>7. Strengthening of WRTC: (i) [Same as June 2011] By June 2012, the WRTC should prepare an action plan for the entire research program of the WRTC (to be financed from all sources including this project) describing the research objectives, the outputs, the schedule of delivery for next 3-5 years. (ii) Nil. (iii) SPMU will take all actions to including contacting with potential bidders in and outside India to ensure that the re-bidding process succeeds; and the contracts are awarded by March 2012 at the latest. <strong>Additional Issue (1):</strong> The SPMU will take all actions describing the research objectives, the outputs, the schedule of delivery for next 3-5 years.</td>
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<td>[3B-4] Regional Coastal Process Study (by SPMU)</td>
<td>1. SPMU has organized a 3 day national workshop and technical discussions at Bhubaneswar to finalize the specific objectives and scope of the assignment. It was decided that the assignment involves 3 distinct parts; (i) delineation of sediment cells along the Odisha coast, which will be done by NCSCM; (ii) collection and analyses of regional coastal processes data – primary data collection by consultants to be procured; and (iii) preparation of a shoreline management plan through consultants and stakeholder discussions, which plan will then be an input to the preparation of ICZM plans in the state. 2. Initial discussion undertaken with NCSCM to hasten the process of delineation of sediment cells. 3. Terms of reference for primary data collection (by engagement of consultants) prepared. Depending on the progress of delineation of sediment cells by NCSCM, this RFP can be quickly used to initiate the</td>
<td>1. Nil. 2. SPMU and SICOM should meet with NCSCM to finalize the schedule of delineation of sediment cells (including the geomorphological analysis at NCSCM, and the field investigations required to confirm the nature, characterization, and factors influencing the specific sediment cells in Odisha). NCSCM should be able to finalize and share such a schedule by October 2011. Based on the schedule (where the delineation of sediment cells and sub-cells on the eastern coast of peninsular India should be the priority), SPMU should prepare a schedule of procurement of consultants.</td>
<td>1. Nil 2. (i) SPMU discussed with NCSCM to finalize the sediment cell and sub cell boundaries. NCSCM input is delayed. (ii) The process of delineation of sediment cell is also delayed due to the uncertainty or procedural delay in purchase of satellite imageries. (iii) The procurement of consultants for collecting primary data is in advanced stages of proposal evaluation, and it is expected that the contract will be awarded in January 2012.</td>
<td>from dismantling of the large construction itself; (iii) CRZ 2011 permits use of such buildings for coastal research purposes.</td>
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1. Nil
2. (i) Given that the NCSCM is not yet effectively functioning, delay is expected; and a schedule of delineation of sediment cells (including the geomorphological analysis at NCSCM, and the field investigations required to confirm the nature, characterization, and factors influencing the specific sediment cells in Odisha) be finalized and shared with SICOM/Bank by June 2012. (ii) SPMU, SICOM and NCSCM should prepare a proposal for procuring satellite imageries, and the appropriate method of procurement by February 2012, and complete such procurement by April 2012. (iii) The contract for collecting primary data should be signed by January 2012, and data collection should start by February 2012. (iv) NCSCM may provide preliminary information on the delineation of the sediment cell so that the consultant can start the planning and preliminary work by February 2012.
3. [Same as June 2011] By March 2012, SPMU and ORSAC will together prepare a document and share with SICOM/Bank, which will describe (a) the process and scope of collection of secondary data; (b) the process of setting up the needed GIS; (c) process of modelling | 3. A Series of meetings with ORSAC have been initiated to figure out the modalities for following issues. Schedule of all ORSAC activities is being documented and would be shared with the Bank at the |
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<td>process of procurement of consultants.</td>
<td>and technical analyses that will need to be undertaken; and (iv) the schedule of all ORSAC activities. SPMU will share such a document or action plan with the bank by November 2011.</td>
<td>earliest.</td>
<td>of modelling and technical analyses that will need to be undertaken; and (iv) the schedule of all ORSAC activities.</td>
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<td>[3C-A1] Protection of aquatic wildlife by the Wildlife Department (WD)</td>
<td>1. WD had undertaken the preparatory activities. 2. The proposed project staff are in place. 3. Protection of Olive Ridley Turtles: Procurement of speed boats and trawler for the purpose of marine patrolling is complete. Procurement of tube wells and surveillance motorbikes, and equipment such as DGPS, GPS, Radar, Eco-sounder is progressing. Foundation stone for the interpretation centre at Gupti has been laid. Architectural design services consultancy has been awarded for designing Sea Turtle Interpretation and Research Centre at Gokaharkuda. 4. Protection of Estuarine Crocodile: No specific progress</td>
<td>1. Nil. 2. Nil. 3. Protection of Olive Ridley Turtles: (i) A separate detailed action plan will be prepared by the WD by September 2011, so that the major activities all can start by December 2011. (ii) Further, progress is needed with respect to the other sub-activities: (a) monitoring centre at Babubali, except that CRZ clearance document has been prepared; (b) actual design and operation of the interpretation centre at Gupti; (c) setting up of 2 permanent camps (except that CRZ clearance document has been prepared) and 33 temporary camps and tube wells (16 in Rajnagar, 8 in Chilika and 9 in Berhampur).</td>
<td>1. Nil. 2. N/A. 3. Protection of Olive Ridley Turtles: (i) A detailed plan including protection schedule (indicating maps of activity at the protection camps, monitoring centers and in the sea), deployment of protection squad, and community involvement in protection measures has been prepared in October 2011. Protection activities initiated from November 2011. Additionally, agreement reached for hiring of trawlers and sea-worthy vessels for the protection squads. (ii) Detailed design and bid documents for interpretation centre and museum are under preparation (including the design of the structure and the displays).</td>
<td>1. Nil. 2. Nil. 3. Protection of Olive Ridley Turtles: (i) The Plan (with modifications as discussed during the mission) needs to be shared with SICOM/Bank by February 2012. Training for local boat operators to be able to use the new boast when those arrive should start now, as part of this plan. (ii) These activities need to start on ground, well before the oncoming monsoon, and a status report should be shared with SPMU/SICOM/Bank by April 2012. SPMU will contact Dr. P Roy, an expert with long experience of museology of natural history by January 2012, to advise WD on the designs of the displays.</td>
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<td>1. Restoration of Mangroves: WD has identified 138ha of forest land and 30ha of community land for restoration plantation. Such sites had been surveyed in detail in Bhitarkanika. Mangrove nurseries have been established. Collection of seeds and hypocotyles from the Bhitarkanika national park and the Mahanadi Delta has started. Discussion is under progress to procure NIPA seedlings from the Sunderban Biosphere Authorities in West Bengal. The Government</td>
<td>action plan will be prepared by the WD by September 2011, so that the major activities all can start by December 2011.</td>
<td>estimates and bid documents for the hatchery and rearing complex at Dangamal has been prepared; procurement process to be initiated. (ii) Initial steps have been discussed for the river protection squads for Bhitarkanika; and activities are expected to commence.</td>
<td>rearing complex Dangamal should be started as early as possible, such that the entire work is completed in CY2012. (ii) The exact details of the plan to mobilize and operationalize the river protection squads should be shared with SPMU/SICOM/Bank by March 2012.</td>
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<td>2. Mangrove plantation by the Wildlife Department (WD)</td>
<td>5. Awareness Camps, field visits and communication: No specific progress.</td>
<td>5. Awareness Camps, field visits and communication: A separate detailed action plan will be prepared by the WD by September 2011, so that the major activities all can start by December 2011.</td>
<td>5. Awareness Camps, field visits and communication: WD has started preparation of a plan for capacity building of PEAs and research scholars; and preparation of a Research Protocol. (ii) WD is preparing a detail plan for communication of ICZM theme, protection of coastal resources, community capacity building.</td>
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<td>3. Mangrove plantation by the Wildlife Department (WD)</td>
<td>1. Restoration of Mangroves: WD will prepare a clear document specifying how the mangrove restoration activity will be undertaken through community contracting. EDCs formed under the State’s applicable Joint Forest Management Resolution would be involved in execution of the activities. The EDCs should assure women’s participation. WD should complete these community contracting activities by October 2011.</td>
<td>1. Restoration of Mangroves: All EDCs are reconstituted as per the State’s JFM Resolution 2011, where appropriate considerations are there for gender balance, equity, operation of joint account. EDCs have identified 62ha of riverbank and 25ha of other land for mangrove plantation. Actual work yet to start.</td>
<td>3. Restoration of Mangrove: (i) The EDCs should start actual work for the identified (62ha + 25ha) land immediately. The WD should ensure that all other EDCs are formed/reconstituted, and the work on the remaining target areas (138ha + 30ha) should start before the monsoon of this current year. A status report should be submitted to SPMU/SICOM/Bank by June 2012. (ii) SPMU will identify all interested and experienced NGOs in the state who will be willing to undertake and manage an additional target (say 2000ha) for mangrove plantation</td>
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<td>of Odisha has expressed an interest that the target of mangrove plantation should be larger than the currently planned 168ha. 2. Development of Gene Bank, Herbarium and Mangrove Atlas of Odisha: No specific progress has been made.</td>
<td>2. Development of Gene Bank, Herbarium and Mangrove Atlas of Odisha: A separate detailed action plan will be prepared by the WD by September 2011, so that the major activities all can start by December 2011.</td>
<td>2. Development of Gene Bank, Herbarium and Mangrove Atlas of Odisha: This is delayed by about 4 months. Although several agencies have been contacted and discussions held, specific plan is unlikely to be available before February 2012.</td>
<td>through SHGs. This additional mangrove plantation will be implemented directly by the SPMU though these contracted NGOs. A plan for this should be prepared and shared with Bank by May 2012. 4. Development of Gene Bank, Herbarium and Mangrove Atlas of Odisha: [Same as June 2011] WD should accelerate the decision making such that further delay is avoided. A detailed action plan will be prepared by the WD by March 2012, so that the major activities all can start by May 2012.</td>
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<td>1. Culture Department has undertaken preparatory activities. 2. No progress in staffing up. 3. Restoration and Conservation of 8 Heritage Properties. All properties have been identified. Detailed site assessment was carried out, and several community consultation sessions were organized at each site. Site plans have been prepared at each site. 4. Separately, a study was completed by LASA-INTACH on (i) outline designs, drawings and plans for each of the 8 sites incorporating opportunities for livelihood enhancement for local communities; (ii) documentation</td>
<td>1. Nil. 2. The Department of Culture will, by September 2011, complete recruitment process. 3. Restoration and Conservation of 8 Heritage Properties. All actions to be undertaken to see that the procurement of architectural conservation supervision consultants is not delayed. 4. (i) Culture Department will prepare an action plan, by January 2012, for capacity building and training on traditional stone craft involving the master masons, and targeted towards reviving the cultural</td>
<td>1. N/A. 2. Recruitment of the 9 contract staff for the project was completed in December 2012, with a further delay of nearly 3 months. 3. Restoration and Conservation of 8 Heritage Properties. Procurement of consultants for design and supervision services is in advanced stage. Procurement of equipment such as scaffolding, mechanical winch and ladder is nearing award. 4. (i) No formal progress, although preliminary discussions have taken place. (ii) The Culture Department is discussing a plan for improvement of the State</td>
<td>1. Nil. 2. All the newly recruited staff should undergo training (to be organized by SPMU on the field) as to the theme of conservation and livelihood improvement in ICZM, by May 2012. 3. Restoration and Conservation of 8 Heritage Properties. The actual work should start before June 2012. 4. [Same as June 2012] (i) Culture Department will prepare an action plan, by February 2012, for capacity building and training on traditional stone craft involving the master masons, and targeted towards reviving the cultural tradition currently at risk. Should be</td>
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<td>on the traditional stone craft; and (iii) outline plan to improve the state museum at Bhubaneswar.</td>
<td>tradition currently at risk, should be made part of the Annual Action Plan for 2012-13. (ii) Plan prepared by the Department of Culture for revitalizing, improvement or scaling up the state museum to be shared with the World Bank.</td>
<td>Museum (based on LASA-INTACH Report).</td>
<td>made part of the Annual Action Plan for 2012-13. (ii) To share with the Bank the final decision of the Culture Department for improvement of the State Museum. [Additional] The SPMU will discuss with the CS and the Finance department for allocation of an additional amount for improvement of the State Museum.</td>
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<td>[3C-A4] Shoreline protection for Pentha by the Water Resources Department (WRD)</td>
<td>1. WRD completed the preparatory activities. 2. WRD recruited the staff needed for this activity. 3. WRD has completed setting up of the field office. 4. Bid document for civil works for construction of an approach road and the godown-cum-monitoring building was advertised. None of the bids received qualified for the work. Consequently, rebidding process was undertaken; and currently bids received are being evaluated. 5. Procurement process for a consultancy to provide a detailed design and quality assurance services for installation of Geo-Tubes is under progress. Proposals are under evaluation.</td>
<td>1. Nil. 2. Nil. 3. Nil. 4. WRD should ensure that bid evaluation is done in a manner that the work can be awarded at the earliest. The work will need to be monitored closely, as the schedule of completion of this work is closely linked to the next item of installation of the geo-tubes. 5. (i) WRD and SPMU should ensure that the consultancy is awarded as soon as possible. Consultants should be asked to give proper attention to the objective of measuring performance of geo-tube installed including the instrumentation required to measure performance under field condition after installation. (ii) Installation of geo-tube will begin before monsoon of 2012.</td>
<td>1. N/A 2. N/A 3. N/A 4. The work has been awarded, and the Contractor has started the execution of the work. Work is being monitored closely. 5. (i) SPMU should encourage the consultants to complete input to bid documents by early March 2012, such that the work can be procured in June 2012. (ii) SPMU and WRD will take all actions to ensure that the installation begins by September 2012. SPMU will prepare a status report by March 2012. (iii) WRD and Forest Department will together prepare a plan showing sequencing and scheduling of activities to complete the composite activity (geo-tube + plantation) work in this year.</td>
<td>1. Nil 2. Nil 3. Nil. 4. Nil [Current close monitoring of the work of the contractor should continue.]</td>
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<td>[3C-B1] Solid Waste Management for the Paradip Town and the Paradip Port by the Paradip Municipality</td>
<td>1. Paradip Municipality completed the preparatory activities. 2. Recruitment of contract staff is under progress. 3. Procurement of office equipment has started. 4. (i) A site for the engineered landfill was offered by the Paradip Port Trust. A site investigation determined that the site originally offered is not suitable; and a discussion was held with the Paradip Port Trust for an alternative land. The Chairman, Paradip Port Trust offered an alternative site of about 25ha, which was determined to be suitable. (ii) Procurement of a Transaction Advisory Consultancy is under progress. The RFP was delayed to ensure that the issues related to land transfer is resolved before the RFP is issued.</td>
<td>(iii) WRD will also work with the Forest Department to ensure that the planned work of the Forest Department on the site (to make this a composite activity) is done in a pre-planned sequence and schedule.</td>
<td>discussions were held.</td>
<td>Such a plan should be shared with SPMU/SICOM/Bank by April 2012.</td>
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<td>[3C-C1] Livelihood Improvement Support for Fisher people</td>
<td>1. The Fisheries Department undertook preparatory activities. 2. The Fisheries Department has created a separate and distinct ICZM Cell; started a system of</td>
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<td>1. Nil. 2. Nil. 3. Nil. 4. (i) Paradip Municipality and the SPMU will share with the World Bank a copy of the formal order related to transfer of land. Paradip Municipality should move quickly to complete mutation in the official land records of the State. (ii) A transaction advisory needs to be procured as soon as possible. (iii) SPMU will conduct a site assessment and prepare a formal report that the land is free of any encumbrances by August 2011.</td>
<td>1. N/A. 2. N/A. 3. N/A.</td>
<td>1. N/A. 2. N/A. 3. N/A.</td>
<td>4. (i) Given that the plot is now final, the Paradip Municipality and SPMU should endeavor that the land alienation is done well before June 2012. (ii) Procurement of the transaction advisory consultants should be completed in January; and the consultants should be encouraged to work at a faster pace such that the bidding process and the financial closure with the selected private sector partner is achievable by June 2012. (iii) [Same as June 2011] SPMU will conduct a site assessment and prepare a formal report that the land is free of any encumbrances by May 2012.</td>
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<td>by the Fisheries Department.</td>
<td>regular reviews. 3. Village Stakeholder meetings have been organized in 26 (of the planned 80 villages), and with 221 SHGs (of the planned 600 SHGs) in fishing villages in the priority investment stretches. Capacity building training has been completed for 77 SHGs, and skill upgradation training has been completed for 16 SHGs. A total of 22 SHGs have been provided with an advance of Rs.50,000 each. 4. The activities that have been identified in consultation with the 221 SHGs include composite pisciculture (43 SHGs), scampi culture (9 SHGs), shrimp culture (1 SHG), fish seed rearing (4 SHGs), sea bass culture (1 SHG), fish drying (96 SHGs), value addition through household level processing unit (3 SHGs), dairy and poultry (5 SHGs), and individual other activities (57 SHGs).</td>
<td>3. Formal contract should be signed immediately with all SHGs, before any transfer of money to SHGs take place. In the event of the 22 SHGs that have received cheques of Rs. 50,000 as advance but yet not used the money; contract with them should be done immediately before these SHGs start using the money. 4. The selection of activities was through a process of consultation with SHGs. However, it is possible that with provision of training, and by means of the proposed exposure visits, the choice of activities by the SHGs will keep on changing. Ideally, in addition to supporting the SHGs with immediate livelihood enhancement, there should be some strategic content in the choice of activities. SHGs need to be organized (in federations or companies) to make them sustainable in the long run.</td>
<td>3. Contracts have been signed with 21 SHGs. There has been some delay in expenditure by SHGs due to delay in finalizing the Community Procurement Manual. Now with revised MOUs 9as per agreed Community Procurement Manual) works by SHGs have started. 4. (i) The Fisheries Department is ensuring that the selections of activities by SHGs are mainly based on location specific resources available and achievable within the capacity of the SHGs. (ii) In-situ, village level technical training are being organized; exposure to state and national level technical institutions is being planned, which will encourage the SHGs to plan for a longer timeframe. (iii) Initiatives have been taken to achieve convergence with the other programs such as TRUPTI; and the Department and SPMU is facilitating the SHGs to join the block level federation as promoted by TRUPTI. (iv) Even if the SHGs themselves are selecting the activities; it is still possible to make them aware of strategic priorities. To that end, expertise from consultants should be used. A paper on the strategic priorities needs to be prepared and finalized by June 2012. (ii) State and national level exposure trips should begin by April 2012. (iii) The convergence attempted with TRUPTI is commendable. A paper needs to be prepared and shared with SICOM/World Bank by June 2012 about how the convergence and aim of federating will be completed.</td>
<td>3. The processes established are all adequate now. However, the pace of implementation will need to increase. The Fisheries Department will ensure that of the 600 planned SHGs, at least 300 will start activities before June 2012, and all 600 by December 2012. 4. (i) The Fisheries Department and</td>
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<td>5.</td>
<td>The SPMU has now decided to recruit contract staff with suitable qualification in rural development and social work and locating them in the villages.</td>
<td>Ensure that (a) priority will be to all women SHGs or SHGs where all members belong to vulnerable communities including scheduled tribe or scheduled castes; (b) further higher priority to all-women SHGs, where all members belong to vulnerable communities; (c) see that the bank account of the SHGs are operated by the president and secretary of the SHGs; (d) very strictly, no official of the government department should either have any executive position in the SHGs, nor should any government official should be involved in operating bank account of the SHGs.</td>
<td>SPMU (a) had included the existing women SHGs and forming new women SHGs from the vulnerable communities - In Odisha all fishermen are under SC category. (b) “All Women” SHG’s are prioritized. (c) all bank account of the SHGs is presently operated jointly by the president &amp; Secretary of SHGs. (d) Now, no government official holds any executive position in the SHGs. All cases of project officials holding the right as a joint signatory in any bank account of the SHGs have been withdrawn by May 17, 2011 as per observation of the World Bank Mission.</td>
<td>(b) Nil. (c) Nil. (d) Nil. All these processes need to be continued.</td>
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<td>6.</td>
<td>The Fisheries Department and the SPMU has participated in the consultation organized by Greenpeace India. Some of the recommendations from Greenpeace India are already being incorporated in the revised detailed project report.</td>
<td>Ensure that (a) priority will be to all women SHGs or SHGs where all members belong to vulnerable communities including scheduled tribe or scheduled castes; (b) further higher priority to all-women SHGs, where all members belong to vulnerable communities; (c) see that the bank account of the SHGs are operated by the president and secretary of the SHGs; (d) very strictly, no official of the government department should either have any executive position in the SHGs, nor should any government official should be involved in operating bank account of the SHGs.</td>
<td>SPMU (a) had included the existing women SHGs and forming new women SHGs from the vulnerable communities - In Odisha all fishermen are under SC category. (b) “All Women” SHG’s are prioritized. (c) all bank account of the SHGs is presently operated jointly by the president &amp; Secretary of SHGs. (d) Now, no government official holds any executive position in the SHGs. All cases of project officials holding the right as a joint signatory in any bank account of the SHGs have been withdrawn by May 17, 2011 as per observation of the World Bank Mission.</td>
<td>6. Nil. Commendable progress on this initiative. Remaining planned recruitment should also be completed by June 2012.</td>
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<td>7.</td>
<td>SPMU and the Fisheries Department will discuss the recommendations from the Greenpeace India Report and prepare a brief paper on how these recommendations are already incorporated in the Project, or could be</td>
<td>Most of Greenpeace India recommendations with respect to adoption of alternate livelihood has already found place in the DPR. Other recommendations, such as reduction of the area of</td>
<td>7. Nil. It is agreed that within the limits of SPMU and Fisheries Department jurisdiction, most of the recommendations are already being implemented. Reduction of the area of the wildlife sanctuaries is an issue that does not fall in the scope of the ICZM project, but is an issue to be considered</td>
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<td>[3C-C2] Support to Fisher Groups for Small-Scale Community-based Tourism Activities by the Odisha State Tourism Development Corporation (OTDC)</td>
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<td>incorporated by September 2011. It will also be a good idea to discuss with Greenpeace India for their continuing advice related to implementation of the livelihood enhancement activities targeted to the fisher people.</td>
<td>sanctuary are beyond the jurisdiction of the SPMU. A paper was shared with the World Bank in September 2011. SPMU will seek support from Greenpeace to evaluate the activities in future.</td>
<td>by the State and Central Government. It is also agreed that it will be beneficial to seek support of Greenpeace India during the next years, for evaluation of the activity and to understand the need for course-correction if any.</td>
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| 1. OTDC completed preparatory activities. 2. Recruitment process for a few of the required staff is under progress. Recruitment process for contract staff such as community organizer, capacity building coordinator, or engineers is yet to start. 3. Procurement of office equipment, furniture is under progress. 4. As a part of community mobilization process, OTDC has used complementary resources (50% of the cost borne by MPEDA, 30% from CDA and 20% cost shared by beneficiaries) a large number of insulated ice boxes to the communities. 5. For both Chilika and Tampara Areas: Several stakeholder | 1. Nil. 2. SPMU may like to share the expertise of the community organizers and field coordinators being recruited at SPMU for “fisheries based livelihood” activities in support of the Fisheries Department also to OTDC. An additional number of such contract staff may, if required, also be recruited at SPMU instead of OTDC to make the recruitment process simpler. 3. Nil. 4. Nil. 5. For both Chilika and Tampara Areas: Nil. | 1. N/A 2. A few staff including a junior engineer has already joined duty. Services of Community Organizer from SPMU are being utilized for ecotourism activities. 3. N/A 4. Nil 5. For both Chilika and Tampara Areas: Nil. | 1. Nil 2. Remaining staff (especially the staff responsible for arranging training for the communities for managing ecotourism facilities) should be completed by June 2012. SPMU also needs to recruit additional Community Organizers by June 2012. 3. Nil 4. Nil 5. For both Chilika and Tampara Areas: Procurement of contractors will be
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<td>consultation meetings were organized. Consultancy for architectural design and supervision has been awarded.</td>
<td>6. <strong>Activities in Chilika Lake Area (Barkul, Satapada, New Moth Chilika, Rambha, Chhelliakuda and Ghantashila)</strong>: Procurement of FRP Boats, Floating Restaurant, Floating Jetty and associated equipment is under progress; and the award is expected to be in August 2011. For all other goods and civil works, the procurement process will be initiated by September 2011.</td>
<td><strong>6. Activities in Chilika Lake Area</strong>: Mobilization of the community groups, and formal contracts with the selected community groups should start as soon as possible. The community groups should be formed with the objective of using the fisher person’s existing groups (CBOs or SHGs). Capacity building of the selected community groups should start by October 2011.</td>
<td>community groups at Tampara and Barkul has started. Architectural designs ready.</td>
<td>completed by June 2012.</td>
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<td><strong>6. Activities in Chilika Lake Area (Barkul, Satapada, New Moth Chilika, Rambha, Chhelliakuda and Ghantashila)</strong>: Mobilization of Community Groups already started at Barkul. PRA and formation of SHGs being planned. Guidelines including roles and responsibilities of community to be developed by the OTDC.</td>
<td><strong>6. Activities in Chilika Lake Area (Barkul, Satapada, New Moth Chilika, Rambha, Chhelliakuda and Ghantashila)</strong>:</td>
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<td>6. <strong>Activities in Chilika Lake Area</strong>: Mobilization of the community groups, and formal contracts with the selected community groups should start as soon as possible. The community groups should be formed with the objective of using the fisher person’s existing groups (CBOs or SHGs). Capacity building of the selected community groups should start by October 2011.</td>
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<td><strong>7. Activities in Tampara Lake Area</strong>: (i) Proposals have been revised to include only non-fossil fuel boats and water sports equipment for the facilities to be created at the Tampara Lake. Architectural designs are being finalized. Preparation of bid documents underway. (ii) No clear documented progress, although the process of</td>
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<td>7. <strong>Activities in Tampara Lake Area</strong>: For all other goods and civil works, the procurement process will be initiated by September 2011.</td>
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<td><strong>7. Activities in Tampara Lake Area</strong>: (i) SHG formation should be finalized before June 2012, and before the civil works are awarded to contractors. (ii) All PRA exercises to be completed by May 2012. (iii) A clear plan and schedule of training and capacity building of the SHGs should be prepared by May 2012, and training activities including exposure visits should start by June 2012. (iv) Bid documents for all activities should be ready by March 2012, and all contracts to be awarded by June 2012. (v) Ecotourism guidelines for the community groups including roles, responsibilities and the expected behavioral norms should be ready by June 2012, and covered in special training sessions for each of the SHGs.</td>
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<td><strong>7. Activities in Tampara Lake Area (Barkul, Satapada, New Moth Chilika, Rambha, Chhelliakuda and Ghantashila)</strong>:</td>
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<td><strong>7. Activities in Tampara Lake Area</strong>: For all other goods and civil works, the procurement process will be initiated by September 2011.</td>
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<td>[3C-C3] Biodiversity-based Ecotourism and Livelihood Development by the Wildlife Department</td>
<td>1. Consultants have been selected and mobilized for architectural design of the proposed tourist facilities. 2. Land alienation for the Interpretation centre at Okilapal, Gupti (an area of 2 acre) has been finalized; for other sites at Krushnanagar and Nalitapatia (or at Debendranarayanpur and Jayanagar), and for the Interpretation-cum-Monitoring centre at the Rushikuliya Mouth is under progress. 3. Turtle camp sites have been identified for of deep tube wells.</td>
<td>(including language skills, marketing, and behavioral norms expected at a world class tourism destination) should be prepared by January 2012. The capacity building exercises should start from April 2012.</td>
<td>community mobilization process started with help of Community Organizer from SPMU. (iii) No clear progress although OTDC is preparing Ecotourism Guidelines for Community Groups.</td>
<td>community groups including roles, responsibilities and the expected behavioral norms expected to be ready by June 2012, and covered in special training sessions for the entire village of 400 households.</td>
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| 1. (i) The conceptual designs prepared by the consultants are not acceptable. Unless the consultancy firm comes up with revised acceptable conceptual proposals, this consultancy contract needs to be terminated. An assessment to this effect should be made by September 2011. (ii) The facilities should be designed as such keeping in view the capacity of the community groups to manage and operate; as well as the consideration that such facilities should cater to appropriate tourism within the nature reserves. | 1. (i) Even with the necessary guidance from SPMU/PEA, the architect has not been able to prepare designs of acceptable quality. Failure of this consultancy is now impacting schedule of implementation. PEA/SPMU is also delayed in assessing the need to terminate this contract. SPMU has now brought in expertise related to use of bamboo as a construction material. (ii) MOUs for community contracts for EDCs to manage these ecotourism complexes are under preparation. |

| 2. Land alienation: (i) Processes and measurement including at the alternative sites of Debendranarayanpur and Jayanagar completed; land alienation is expected to be completed in January 2012. (ii) No progress. | 2. Land alienation: PEA should ensure that all land alienation should be completed by June 2012, and reflected at government land records. (ii) SPMU will prepare for each such land, a brief note examining the presence or absence of encumbrances, and share with SICOM/Bank by April 2012. |

| 3. Nil. | 3. N/A | 3. PEA should ensure that the deep tube wells are completed before monsoon. |

An assessment to this effect should be made by September 2011. (ii) The facilities should be designed as such keeping in view the capacity of the community groups to manage and operate; as well as the consideration that such facilities should cater to appropriate tourism within the nature reserves. | 1. (i) SPMU and PEA will decide by January 2012 if this contract needs to be terminated, as guidance and instructions to the consultants do not seem to be working. The project should not suffer any further delay due to failure of the consultant. PEA and SPMU should engage other architectural firms to do this job; and have a contract with the new firm such that the works can put to bid by April 2012, and awarded in June 2012. (ii) All MOUs should be prepared, discussed and signed with EDCs before May 2012; and before any construction work starts. |
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<td>4. Renovation of the Hokitola Building:</td>
<td>Procurement process is underway for mechanized boat and floating Jetty. No other specific progress has been made.</td>
<td>4. Renovation of the Hokitola Building:</td>
<td>4. Renovation of Hokitola Building: Revised drawings are also found unacceptable. (See 1 above).</td>
<td>4. Renovation of Hokitola Building: SPMU and PEA will decide by January 2012 if this contract needs to be terminated and the alternative course. (See 1(i) above).</td>
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<td>5. Ecotourism complexes at Khola, Nitapatia (or the alternative sites at Debendranarayanpur and Jayanagar), Talchua and Gupti:</td>
<td>No specific progress has been made. Wildlife Department proposed inclusion of mechanized luxury boats to be procured. World Bank agrees to this proposal provided the Wildlife Department can undertake additional environmental assessment as well as an assessment of the capacity of community groups to manage and operate such boats.</td>
<td>5. Ecotourism complexes at Gupti, Jayanagar, Talchua &amp; Debendranarayanpur: (i) Wildlife Department will ensure that acceptable plan and designs are available by December 2011. (ii) Wildlife Department will prepare an additional separate environmental impact assessment with respect to the concept of mechanized luxury boats; along with (iii) a note to build capacity of the EDC to manage and operate such luxury boats; and share with World Bank for a final view on this by December 2011.</td>
<td>5. Ecotourism complexes at Gupti, Jayanagar, Talchua &amp; Debendranarayanpur: (i) The revised drawings are also not very acceptable (See 1 above). (ii) No progress. (iii) A plan for capacity building of EDCs for ecotourism is under preparation. (iv) Procurement is in advanced stage for expert consultancy to write technical specifications for boats.</td>
<td>5. Ecotourism complexes at Gupti, Jayanagar, Talchua &amp; Debendranarayanpur: (i) SPMU and PEA will decide by January 2012 if this contract needs to be terminated and the alternative course. (See 1(i) above). (ii) Wildlife Department will prepare a separate brief environmental impact assessment with respect to the introduction of mechanized boats and luxury boats (particularly focusing on the impacts on crocodiles), list management measures, and submit to SPMU/SICOM/Bank by May 2012. (iii) Wildlife Department will prepare and share with SPMU/SICOM/Bank by March 2012, a brief plan to build capacity of the EDC to manage and operate luxury boats and other ecotourism facilities.</td>
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<td>6. Monitoring and Interpretation centre at the Rushikulya Mouth:</td>
<td>No specific progress has been made.</td>
<td>6. Monitoring and Interpretation centre at the Rushikulya Mouth:</td>
<td>6. Monitoring and Interpretation centre at the Rushikulya Mouth: SPMU confirmed that the selected site is free from encumbrances. Land alienation is progressing. Designs and drawings are near final.</td>
<td>6. PEA and SPMU will ensure that the physical works starts by June 2012.</td>
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<td>7. Wildlife Trekking Path from Pitisal to Patisonapur:</td>
<td>No specific progress has been made.</td>
<td>7. Wildlife Trekking Path from Pitisal to Patisonapur:</td>
<td>7. Wildlife Trekking Path from Pitisal to Patisonapur: The plans, designs and drawings for the path and four strategic</td>
<td>7. Wildlife Trekking Path and Camping Sites: (i) SPMU will ensure, by expert comparisons that the plans and designs are about the best in the country. (ii)</td>
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<td>8. Permanent camp sites at Dobandhi and Chinchiri: No specific progress has been made, except that the CRZ clearance document is being prepared.</td>
<td>available by December 2011.</td>
<td>camps are near complete.</td>
<td>PEA and SPMU will ensure that the works start by June 2012.</td>
<td>8. Permanent camp sites at Dobandhi and Chinchiri: PEA and SPMU will ensure that the works start by June 2012.</td>
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<tr>
<td>1. The DHCI completed preparatory activities.</td>
<td>1. Nil.</td>
<td>1. N/A</td>
<td>1. Nil</td>
<td>1. Nil</td>
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<td>2. Dedicated staff had been identified, some trained.</td>
<td>2. Nil.</td>
<td>2. N/A</td>
<td>2. Nil</td>
<td>2. Nil</td>
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<td>3. Stakeholder awareness workshop was organized on April 13, 2011. Four villages (Barkudi, karimpur, Mudirath and Baghalangi) were surveyed and village meetings held for community mobilization; 5 SHGs already identified.</td>
<td>The DHCI should follow the model prescribed by SPMU to organize community mobilization and capacity building of SHGs. SPMU will support DHCI for building capacity of SHGs.</td>
<td>3. DHCI is using the model prescribed by the SPMU. 8 SHG have been identified; and the remaining 32 will be completed in March 2012; 15 MCM/MCW for training in SHGs have been selected. Community organizers have been recruited by SPMU. Bids invited for equipment and machinery required for training.</td>
<td>3. Nil, except that DHCI and SPMU will ensure that the activity is implemented without any more delay. Additionally, SPMU and DHCI will identify a village and all activities that need to be implemented to turn this village into a “coir-tourism” village.</td>
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<td>4. Training Center: A parcel of 2ha of suitable land has been identified in Rebana-Nuagaon, and the land alienation process is progressing.</td>
<td>4. Training Center: The DHCI should move quickly to complete mutation. SPMU will conduct a site assessment and prepare a report that the land is free of any encumbrances by September 2011.</td>
<td>4. Training Center: The Rebana-Nuagaon site was discarded being a community “gochar” resource. A new site at Sanapatna identified; land alienation to be completed by January 2012. Alternate DHCI land at Chaudabatia also being considered.</td>
<td>4. Training Center: (i) Nil, except that SPMU will prepare a report by February 2012 that the alternative sites at Sanapatna or Chaudabatia are free of any encumbrances. (ii) SPMU will also discuss and decide if strengthening and re-planning the existing training centre is better compared to construction of a new training center; and the savings can be used to improve the training content and curricula.</td>
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<td>5. A two member team (the Nodal Officer and the Coir Supervisor) visited Allapuzha in Kerala on April 18-19, 2011, to learn the experience of a “Coir Cluster</td>
<td>5. The lesson from Kerala is important particularly in the light of the objective that the SHGs need to be organized (in federations or companies) to</td>
<td>5. SPMU has engaged an expert agency (who successfully implemented formation of coir cluster in Alleppey) to support DHCI in federating</td>
<td>5. Nil.</td>
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<td>Pulse” financed by SIDBI as a part of World Bank-financed SME-II Project.</td>
<td>make them sustainable in the long run, including financial and commercial sustainability.</td>
<td>the SHGs making them financially viable in the longer term, improve training content, and supporting the idea of “coir-tourism” village.</td>
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<td>[3C-C5] Provision of Cyclone Shelters in 14 villages by the Odisha State Disaster management Authority (OSDMA)</td>
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<td>1. OSDMA completed the preparatory activities.</td>
<td>1. Nil.</td>
<td>1. N/A</td>
<td>1. Nil</td>
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<td>2. Dedicated staff and resources already mobilized.</td>
<td>2. Nil.</td>
<td>2. N/A</td>
<td>2. Nil</td>
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<td>3. Social &amp; environmental screening was completed for all 14 sites; stakeholder consultation meetings have been completed in sites; consultations completed at village, district and state levels. For each site establishment of Cyclone Shelter Management Committee is progressing.</td>
<td>3. Nil.</td>
<td>3. N/A</td>
<td>3. Nil</td>
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<td>4. Soil exploration has been completed for all 14 sites; initial test pit survey completed for 12 sites. For the remaining 2 sites proposed to use open foundation, plate load test is under progress. CRZ Clearance obtained for all 11 sites (of the 14), where such clearance is required.</td>
<td>4. Nil.</td>
<td>4. All soil surveys had been completed for all 14 sites.</td>
<td>4. Nil</td>
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<td>5. Model bid document prepared and cleared by the World Bank. Bid for 10 sites have been invited and received; bid evaluation is progressing.</td>
<td>5. Nil.</td>
<td>5. Bids were invited; and 11 of the 13 contract have been awarded. Award for some was delayed due to internal procedural issues. Contract for one site yet to be finalized.</td>
<td>5. OSDAM will ensure that the remaining awards are completed in March 2012. (ii) for all sites, OSDMA will undertake proactive monitoring to avoid delays by contractors.</td>
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<td>[3D] Project Management</td>
<td>1. SPMU is fully geared up for implementation. Nearly all SPMU staff appointed.</td>
<td>1. Nil.</td>
<td>1. More staff (especially for community organization work at the field) recruited.</td>
<td>1. Nil</td>
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<td>2.</td>
<td>The State Steering Committee has met.</td>
<td>2. SPMU will organize the meeting of the State Steering Committee latest by Sept 2011.</td>
<td>2. The State Steering Committee met on September 2010. The Governing Body meeting was held on March 14, 2011, and June 24, 2011. Annual Action Plan 2012-13 was approved.</td>
<td>2. The first meeting of the Steering Committee was held on 22nd September, 2010. Meeting of the Governing Body of ICZM Society of Odisha were held on 14th March, 11 and 24th June, 2011.</td>
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<td>3.</td>
<td>SPMU office was established.</td>
<td>3. Nil.</td>
<td>3. N/A</td>
<td>3. Nil</td>
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<td>4.</td>
<td>The Procurement and Financial management cell is now fully operational.</td>
<td>4. Nil.</td>
<td>4. Internal and external audits completed for 2011-12. Audit committee met regularly on recommendations of internal audit. Several contracts have been awarded.</td>
<td>4. SPMU will ensure that all contracts for goods, works and consultancies (other than the agreed list) are awarded by June 2012.</td>
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<td>5.</td>
<td>The Communication Unit has started working full steam.</td>
<td>5. Nil.</td>
<td>5. A new web-based Procurement Disclosure and Grievance System launched. Website is operational. All other communication activities progressing very well.</td>
<td>5. Nil</td>
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<td>6.</td>
<td>Monthly newsletter (“Sagar”) both in English and in Odiya is published; website for SPMU is under development; a toll-free telephone line is operational to record grievances. Each project site has dissemination board. Two sets of ICZM Project leaflets and other IEC material have been distributed at villages.</td>
<td>6. SPMU should insist and support PEAs (who have not yet completed the agreed actions) to complete the necessary capacity building actions by September 2011. 7. Nil.</td>
<td>6. All the PEAS have complied with the necessary agreed action.</td>
<td>6. Nil</td>
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<td>7.</td>
<td>All PEAs have opened bank accounts, nominated nodal officers, signed MoU with SPMU. Additionally, SPMU is following up with OSPCB to clear all audit backlogs.</td>
<td>8. Nil</td>
<td>7. Several more workshops had been organized by the SPMU.</td>
<td>7. Nil</td>
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<td>8.</td>
<td>SPMU has organized several workshops and high level meetings.</td>
<td>IMPORTANT: Please note the specific agreements related to the improvements required in the Procurement and the Financial Management Systems – described in detail in Annex 5 and Annex 6.</td>
<td>8. N/A</td>
<td>8. Nil</td>
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## COMPONENT FOUR: PILOTING I.C.Z.M. APPROACHES IN WEST BENGAL

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<td><strong>[4A]</strong> ICZM plan for West Bengal</td>
<td>1. The project has initiated a number of communication activities to gradually build awareness about integrated management plan. &lt;br&gt;2. The SPMU has a multi-stakeholder state level workshop to create awareness about objectives of ICZM and the CRZ Notification 2011. &lt;br&gt;3. The RFP for ICZM Plan is not expected until mid-2011. SPMU is collecting all information and stakeholder views which should be useful in formulating the ToR. &lt;br&gt;4. The SPMU/IESWM has started preparing base map for the entire coastal zone of the state.</td>
<td>1. Support the Gujarat SPMU to establish forum to coordinate discussion on the ToR for preparation of ICZM Plan. &lt;br&gt;2. Nil. &lt;br&gt;3. By January 2012, a formal process for finalizing ToR for ICZM plan should start; with inputs from the progress of preparation of the regional coastal process study in Odisha and the proposed shoreline management plan. &lt;br&gt;4. Nil.</td>
<td>1. A visit to Gujarat SPMU for extending help and support for ICZM Plan preparation was made. &lt;br&gt;2. N/A &lt;br&gt;3. SPMU is also in touch with Odisha SPMU for preparation of an effective ToR. &lt;br&gt;4. Work is nearing completion.</td>
<td>1. Nil. &lt;br&gt;2. Nil. &lt;br&gt;3. Nil. &lt;br&gt;4. Nil</td>
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<td><strong>[4B-1]</strong> Capacity building of the Environment Department (West Bengal SCZMA)</td>
<td>1. No specific progress has been made on the issue of capacity building of the Forest and Environment Department.</td>
<td>1. SPMU should prepare a brief estimate of the workload related to the work as the secretariat to the SCZMA, and additional resources, particularly for supporting decision-making and for dissemination of the SCZMA decisions. Such a plan should be finalized by March 2012. &lt;br&gt;2. A detailed proposal for capacity building of the Environment Department should be shared by December 2011.</td>
<td>1. All PEAs have been requested to submit their individual capacity building proposals. Separately, analyses are underway to prepare specific capacity building program of SCZMA, and estimation of additional financing required. &lt;br&gt;2. No formal progress yet. Discussions underway.</td>
<td>1. [Same as June 2011] SPMU should prepare a brief estimate of the workload related to the work as the secretariat to the SCZMA, and additional resources, particularly for supporting decision-making and for dissemination of the SCZMA decisions. Such a plan should be finalized by March 2012. &lt;br&gt;2. [Same as June 2011] A detailed document should be ready by February 2012.</td>
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<td>[4B-2] Capacity building of Calcutta University for Research on Microbial Diversity in the Coastal Areas</td>
<td>1. Calcutta University completed the preparatory activities. 2. Recruitment of the first batch Research personnel completed. 3. Procurement of the first set of research equipment (through an ICB) is under progress, and bid evaluation is nearing completion. 5. Microbial samples collected at 2 stations in the Sundarban; analysis of data and experimentation is progressing well. Research teams have already published 4 papers in international refereed journals.</td>
<td>1. Nil. 2. It will be important to expand the scale of laboratory and field work. For this purpose, additional research scholars may be employed (or graduate students be involved at a part-time basis). 3. It is important to award the contracts as soon as possible; and thereafter install the equipment also as soon as possible. Before or at the time of delivery at laboratories, CU should get qualified experts to inspect the equipment and ascertain that these equipment meet the standards and technical specifications in all aspects. 4. Nil.</td>
<td>1. N/A 2. CU requested additional research personnel. Proposal for expanding the scale of laboratory and fieldwork will be prepared after current procurement is complete, and experience gained. 3. All contracts awarded; and supply of equipment expected to be all on schedule. CU with support from SPMU will engage experts to inspect equipment before delivery. 4. DNA sequences of 363 non-culturable bacteria have been accredited at the NCBI, USA. This achievement was applauded by the print media.</td>
<td>1. Nil. 2. CU will recruit up to 6-8 more research personnel by June 2012. 3. Nil. Except that SPMU will ensure CU has the experts available for inspection before delivery.</td>
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<td>[4B-3] Capacity building of the Institute of Environmental Studies and Wetland Management (IESWM) for Coastal</td>
<td>1. IESWM completed the preparatory activities. 2. A few staff has been dedicated for the project activities. IESWM may need more people to be recruited (either by IESWM or by SPMU).</td>
<td>1. Nil. 2. It is important to distinguish between the staff of IESWM and that of the SPMU. To that end, recruitment of additional staff may be required at IESWM. SPMU will prepare a brief note on this issue, and share by December 2011.</td>
<td>1. N/A 2. Recruitment of project staff for IESWM was initiated, expected to be over in December 2011. A brief report will be prepared, and shared with World Bank.</td>
<td>1. Nil. 2. The brief note describing the status of recruitment at IESWM (contrasting with SPMU) will be shared with Bank by February 2012.</td>
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<td>Wetland Research</td>
<td>3. IESWM has started preparing the basic maps and information base. Procured satellite imagery from NRSA; and data from digital globe site; and started analysis of these. To augment its geospatial capabilities, IESWM has procured 2 licenses of ArcGIS; and procured MIKE 21 to augment its modelling capability. 4. IESWM is mapping the entire coast in the State, and overlaying with revenue boundaries of villages. This work will be completed in October 2011, and thereafter physical surveys of infrastructure will be carried out. 5. To understand the tidal characteristics in the Sundarban estuaries, and to develop understanding of the process interactions to prepare management solutions to expected sea level rise, IESWM has started bathymetry surveys, collection of tidal amplitude, current and different depth and range data by installation of 4 tide gauges In Saptamukhi, Phirkihali, Kaikhali and Jharkhali.</td>
<td>3. Nil.</td>
<td>3. N/A</td>
<td>3. A status report on the progress of wetland research by IESWM shall be prepared and shared with SICOM/Bank by June 2012.</td>
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<td>1. TRDS has prepared the revised DPR; and has now used the best experts to develop the plan. SPMU has agreed with TRDS that all major procurement for this activity will be undertaken</td>
<td>1. The timeline and sequence of activities need to be clearly agreed between the TRDS and the SPMU. This activity is unreasonably delayed; and TRDS should deploy such</td>
<td>1. N/A</td>
<td>1. Nil, except that all procurement for this should be completed by June 2012, and better if by March 2012.</td>
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[4B–4] Interpretation Centre of the Tagore Rural Development Society (TRDS)
## Activity

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<td>by SPMU</td>
<td>by the SPMU; and as much as possible all payments will be made and accounted by SPMU. TRDS and SPMU are discussing the timeline and sequence of activities.</td>
<td>resources, and SPMU to facilitate in all respects that the entire work can be completed in 2012. SPMU should designate one staff of SPMU responsible to move this activity.</td>
<td>1. N/A</td>
<td>1. Nil.</td>
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<td>[4C-A1] Plantation of Mangrove and Coastal Bio-shield by the Forest Department (FD)</td>
<td>1. The Forest department completed most of the preparatory activities. 2. No progress has been made in terms of actual work of plantation of mangrove or coastal bio-shield. No community mobilization work has started either.</td>
<td>1. Nil. 2. (i) It is important to start the work now. In view of the low target (less than 500 ha), the Forest Department should plan to complete the plantation work by 2012-13. (ii) Forest Department shall prepare a Table showing sequence of actions including community mobilization and share with the Bank by September 2011. (iii) SPMU and Forest Department will need to ensure that all works are done through community contracts, and no work is done using Forest Department Force Account.</td>
<td>1. N/A 2. (i) SPMU persuaded the Directorate of Forest to start work immediately; and it is expected that the work will start soon. SPMU already facilitated purchase of GPS sets for starting the surveys. (ii) FD will prepare a calendar of activity shortly given that agreement on retaining the target has been reached. (iii) The work would be carried out using community contracts only.</td>
<td>1. Nil. 2. (i) SPMU will pursue that all plantation work for the entire target area starts before the incoming monsoon. (ii) The Calendar of activities by the FD will be shared with SICOM/Bank by March 2012. (iii) Nil.</td>
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<td>[4C-A2] Rehabilitation of the Marine Aquarium at Digha by the Zoological Survey of India (ZSI)</td>
<td>1. The ZSI completed some of the preparatory activities. 2. The ZSI has not recruited the required staff for this activity, nor is there any dedicated staff. 3. No progress has been made in terms of actual work or procurement of goods.</td>
<td>1. Nil. 2. The ZSI to start recruitment at the earliest, and not later than August 2011. 3. The ZSI should start the procurement process for major goods and equipment by August 2011, and the small works by</td>
<td>1. N/A 2. Skeletal staff had been nominated. 3. ZSI revised the DPR and budget. This was not accepted by SPMU or World Bank. A second revision was</td>
<td>1. Nil. 2. ZSI should appoint or nominate some required staff from their own resources. Other staff (such as for guiding installation of displays) should be contracted as soon as possible. 3. The revised DPR is agreed. In parallel, ZSI will recruit the minimum number of staff and research scholars needed to run the facility and conduct the necessary</td>
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<td>[4C-B1] Completing Sewerage System at Digha by the Public Health Engineering Department (PHED)</td>
<td>1. The PHED completed most of the preparatory activities. 2. The PHED has not opened the required bank account to receive money under the Project. 3. The PHED has been able to obtain only about 35% of the government land (22 acre) compared to the original expectation. Based on this</td>
<td>September 2011.</td>
<td>made, and has been accepted; with ZSI proposing recruitment of staff from ZSI’s own resources. 4. Since the revisions in the DPR have now been approved, the major procurement process will start. 5. However, certain essential renovation work has already been made through local shopping contracts. At a basic level the aquarium has started functioning and attracting large number of visitors. 6. The first community level training program was completed ZSI in Digha (September 6-12, 2011); and received very good feedback from policy-makers, experts and participating coastal community members.</td>
<td>research from its own resources.</td>
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1. Nil. 2. The PHED should immediately open a bank account as per required by the Project. 3. (i) The revised DPR should be shared with World Bank for review. (ii) SPMU will prepare a brief report on the status and examination of encumbrances 4. A bank account has been opened with United Bank of India and an initial sum has been transferred on August 03, 2011. 5. Revised DPR reviewed accepted. A third-party audit of the old sewers was completed and results were included in the DPR and the | 1. N/A 2. Nil. 3. (i) Nil. (ii) During the site visit the mission found the proposed site for the treatment plant to be covered, at least in two pockets with standing agricultural crops. [Same as in June 2011] SPMU |
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<td>4.</td>
<td>limitation, the proposal treatment method has been revised. The DPR has been revised.</td>
<td>on the site, and share with the World Bank by September 2011.</td>
<td>bid documents. (ii) SPMU has examined the site for encumbrances and agricultural encroachment, but has not finalized the report on compliance with the resettlement policy framework. (iii) Daft bid documents for the sewerage works and the treatment plant were submitted to Bank, and are being finalized incorporating comments on technical specifications from the Bank.</td>
<td>will prepare a brief report on the status and examination of encumbrances and agricultural encroachment on the site, recommend management measures as per the resettlement policy framework of the project; and share with the SICOM/Bank by February 2012. (iii) Both bid documents will be submitted to Bank in early February 2012 such that the award of work could be completed in April 2012.</td>
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<td>5.</td>
<td>No progress on procurement of goods.</td>
<td>All bid documents for goods and equipment as per procurement schedule should be submitted to World Bank.</td>
<td>5. Bid documents are under preparation.</td>
<td>5. SPMU and PHED will ensure that award for all procurement of goods and equipment is completed by June 2012.</td>
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<td>6.</td>
<td>No progress related to start of preparation of an operation plan, including how to ensure that all residential, commercial and tourism establishments indeed connect to the sewerage network.</td>
<td>6. (i) SPMU and PHED should appoint independent agencies to (a) ascertain the quality of the sewers already constructed some years ago; (b) to inventory all categories of establishments</td>
<td>6. (i-a) PHED engaged an expert who checked the entire existing network. The survey report has been reviewed and accepted. (i-b) No progress on inventory of</td>
<td>6. (i-a) Nil. (i-b) SPMU and DSDA will ensure that the PMC consultants prepare this inventory on a priority basis. (i-c) PHED needs to deploy dedicated the required number of site supervision, and a few engineers to check quality of the</td>
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<td>[4C-B2] Cleaning, Solid Waste Management and Environmental Improvement of the Digha-Shankarpur beach by the Digha-Shankarpur Development Authority (DSDA)</td>
<td>1. DSDA has completed some of the preparatory activities. 2. Accounting staff has not been recruited. 3. Land for Plan for (i) landfill site and (ii) in-situ rehabilitation of the around 1700 vendors in the Digha beach area has been identified and earmarked.</td>
<td>including licensed and unlicensed hotels and guest houses in Digha-Shankarpur Area; (c) and to provide project management services. (ii) SPMU, PHED and DSDA should also prepare a plan to ensure that all establishments in DSDA Area eventually connect themselves to the sewerage network, and such plan should be shared with the World Bank by March 2012.</td>
<td>licensed and unlicensed hotels and guest houses in Digha-Shankarpur Area; but covered in the ToR of the PMC for Digha Beachfront Development. (i-c) A separate PMC is being procured for Digha Beachfront Area Development, but the sewerage works will be supervised by PHED themselves. (iii) A first meeting of the stakeholders was organized on August 13, 2011 to discuss preparation of a plan to ensure that all establishments in DSDA Area eventually connect themselves to the sewerage network. Preparation of a plan will take some time.</td>
<td>materials such as manholes. (ii) Such a plan is needed before the construction works start on ground, and SPMU (with support from PHED, DSDA and the PMC) will prepare and finalize by June 2012, this plan to ensure that all establishments in DSDA Area eventually connect themselves to the sewerage network.</td>
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<td>Developing Drainage System and Phyto-Remediation Tanks at Digha by DSDA.</td>
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<td>4.</td>
<td>An RFP for area planning, landscape design, implementation supervision and project management services has been prepared, and is under review by the World Bank.</td>
<td>4. World Bank will share the comments by July 2011; and SPMU will thereafter proceed with the procurement.</td>
<td>4. The selection of a project management consultant, covering planning, design and supervision services, is nearing completion.</td>
<td>4. Nil. SPMU and DSDA will need to manage the PMC consultants regularly as their role is crucial for improvement and development of the Digha beachfront.</td>
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<td>5.</td>
<td>No progress made on the study on the future financial sustainability of the entire set of project activities in DSDA Area.</td>
<td>5. DSDA and SPMU should together develop a ToR for this study.</td>
<td>5. No progress yet; but partially covered in the ToR of the PMC.</td>
<td>5. DSDA and SPMU should together develop a ToR for this study, depending on the progress of the PMC. A separate study will be required in all likelihood. DSDA and SPMU to make a decision and inform Bank by June 2012.</td>
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<td>[4C-B3]</td>
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<td>Developing Drainage System and Phyto-Remediation Tanks at Digha by DSDA.</td>
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<td>1.</td>
<td>Land for the phyto-remediation tanks has been identified and earmarked.</td>
<td>1. SPMU will prepare a brief report on the status and examination of encroachments on the site, and share with the World Bank by Sept 2011.</td>
<td>1. SPMU will prepare this report after site surveys are completed by DSDA.</td>
<td>1. [Same as June 2011] PMU will prepare a brief report on the status and examination of encumbrances and encroachments on the site, and share with the World Bank by March 2012.</td>
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<td>2.</td>
<td>No other progress has taken place.</td>
<td>2. The actual design should be covered in the scope of work for the services of consultants (area planning, landscape design,</td>
<td>2. Has been included in the ToR for the PMC. PMC is expected to be recruited by January 2012. Meanwhile,</td>
<td>2. Nil. The final design and the bid document should be finalized as soon as possible (but subject to review by PMC and incorporation in the final plan for</td>
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<td>Developing Drainage System and Phyto-Remediation Tanks at Digha by DSDA.</td>
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<td>[4C-B4] Fish Auction Centre at Digha-Shankarpur by the State Fisheries Development corporation (FDC)</td>
<td>1. The EDC completed preparatory activities. 2. The EDC has dedicated staff for undertaking this activity. 3. Stakeholder consultations carried out, and are continuing.</td>
<td>implementation supervision and project management services) to be procured for Activity [4C-B2].</td>
<td>DSDA is preparing a site survey report including the invert level survey to finalize the design.</td>
<td>Digha beachfront development).</td>
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<td>4. Bid documents including working drawings, estimates, technical specification has been drafted, and is under review of SPMU.</td>
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<td>5. A decision on the cold storage and inclusion of the same in the bid document is awaited from the State Government.</td>
<td>1. N/A 2. N/A 3. No formal progress. In addition, FDC opined that the proposal that 2 auction places at the entrance are reserved for fisherwomen and traditional fisherman is sufficient address the concern of women involved in unorganized fish vending.</td>
<td>4. (i) A draft bid document for auction centre was submitted in December 2011, and is now being revised based on bank comments on the technical specifications. (ii) Draft bid documents for cold storage and ice plants are under preparation. 5. (i) No progress on the issue of CRZ clearance for the cold storage. Sometimes it is argued that such clearance is not needed. (ii) CRZ clearance for the fish auction centre has been received.</td>
<td>4. (i) FDC and SPMU will finalize the bid document, and invite bid in February 2012. (ii) SPMU and FDC will take all actions to ensure that bids for cold storage and ice plant are invited in around March 2012, so that the works can be awarded by June 2012. 5. (i) SPMU and FDC will inform SICOM/Bank in February 2012 a list of all regulatory clearances that is needed for the cold storage and the ice plants. If such clearances are required, all should be obtained by April 2012, and confirmed. (ii) Nil.</td>
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### Activity

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<td>6.</td>
<td>No progress yet on the issue of certification and/or accreditation to be able to meet international standards.</td>
<td>6. FDC will prepare a plan of actions to achieve the required certification and accreditation, and share such plan with the World Bank by October 2011.</td>
<td>6. No decision yet on the proposal to obtain the Marine Stewardship Council accreditation. Internal discussions going on.</td>
<td>6. [Same as June 2011] FDC will prepare a plan of actions to achieve accreditation from the Marine Stewardship Council, and share such plan with the World Bank by March 2012.</td>
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| [4C-B5] Distribution of Grid Electricity in Sagar Island by West Bengal State Electricity Distribution Company Limited (WBSEDCL) | 1. The WBSEDCL completed preparatory activities.  
2. The WBSEDCL has dedicated staff resources available to deliver the activity.  
3. The work on the transmission line across the 4km wide river is nearing completion. Purchase order for the sub-station was placed in July 2010, and installation is expected to be completed in August 2011. It is expected that grid electricity will reach Sagar Island in August 2011.  
4. For the distribution system, the required soil testing work has been completed. Bids have been invited, and it is expected that the award will be in early September 2011. Albeit a little delayed, this activity is progressing very well. | 1. Nil.  
2. Nil.  
3. The WBSEDCL is encouraged to organize a celebration event at Sagar Island in August 2011, when grid electricity will reach the Island, and will connect a few establishment such as hospitals.  
4. Nil. | 1. N/A.  
2. N/A.  
3. The work of the transmission line is complete. A celebration event is planned. All old connections using diesel generators have already been connected to the grid. Although very small in number, these connections include the hospital and health centers.  
4. The work of installing distribution system has been awarded. | 1. Nil. However, it appears that lack of office equipment (such as printer) is proving to be a handicap. WBSEDCL is encouraged to use the project funds to purchase office equipment without further delay.  
2. Nil.  
3. Nil.  
4. Nil. Progress is commendable. WBSEDCL will keep supervising the work continuously, and take all such actions that the contractors do not delay delivery of any milestones. |
| [4C-C1] Support to CBO Coordinated Livelihood Improvement | 1. This activity was originally proposed to be coordinated by the Sundarban Development Corporation. Looking at the lack of capacity, and the lack of need | 1. (i) SPMU will nominate a staff of the SPMU to lead and coordinate the activities by the CBOs. (ii) If required, the SPMU will recruit or contract | 1. (i) This activity will be directly managed by the SPMU. (ii) SPMU has yet not recruited contract staff, as the workload is not yet clear;  
1. (ii) SPMU has yet not recruited contract staff, as the workload is not yet clear; | 1. (i) Nil. This decision is welcome. (ii) SPMU should at least recruit a minimum number of contract staff by February 2012, as the workload will be heavy as soon as the NGOs/CBOs are selected. |
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<td>Program at Sagar Island (through SPMU)</td>
<td>to have the Sundarban Development Corporation to coordinate CBOs. it was recommended by the World Bank that SPMU is better placed to coordinate this activity. Implementation will remain to be delivered by a group of CBOs.</td>
<td>specialists for this work as soon as possible, and not later than by March 2012. (iii) The SPMU will ensure that a clear set of agreements emerge by September 2011. (iv) The SPMU will take all necessary actions (including if required modification in the choice of CBOs) such that CBO contracts are signed by SPMU in October 2011, and actual work by the CBOs starts by November 2011. but is recruiting a specialist (see below for assessment). (iii) This has been a matter of intense debate, and SPMU has organized several meetings on this issue. Based on the final decisions of all policy-makers (including the MLA who is also the chairperson of the Sundarban Development Board, the panchayats heads and representatives, the District Magistrate), the following activities have been initiated. (iv) A specialist is being engaged to undertake an assessment of the felt need and suppressed demand, which will be important to finalize the list and scope of livelihood activities. (iv) EOIs have been invited from NGOs/CBOs. About 50 EOIs have been received. Selection of NGOs/CBOs will be based on (pre-determined and advertised) criteria including experience, local presence and capacity at Sagar, and expertise.</td>
<td>(iii) Nil – these are welcome decisions. (iv) Nil. (v) Draft contract documents need to be readied in parallel, say by early February 2012, so that contracts can be signed with the NGOs/CBOs as soon as they are selected. (vi) Each selected NGO/CBO should be advised to start immediately – both for mobilizing SHGs, and also undertaking some visible activities with the SHGs they are already working. (vii) The expert contracted to assess the felt need and suppressed demand and some contract staff recruited by SPMU should be stationed at the Sagar Island to coordinate work of all NGOs. (viii) If experienced and capable, at least one NGO selected should be given the additional work of mangrove plantation through community groups. This is important to achieve the aim of the project – see reference in [4C-A1: 3 (Additional)]]</td>
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| [4C-C2] Support to Community Livelihood through Ecotourism at | The SAD has not yet signed MOU with the SPMU, nor did they nominate a senior officer as the nodal officer for the activities to be undertaken. SAD has not opened the required bank. | 1. (i) The SPMU and the SAD should finalize the agreements related to the project’s required processes, and the concept of eco-tourism including that clean-up of the Sagar Mela. | 1. (i) SAD and their consultants did not make any attempt to revise their original proposals. As a result a number of internal meetings failed to resolve the issue. (ii) | 1. (i) SPMU has impressed upon the SAD the need to change their consultants, who do not seem to be performing. (ii) Nil – a welcome decision. Also a very good example of bringing all policy-makers to site and get an appropriate
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<td>Sagar Island by the Sundarban Affairs Department (SAD)</td>
<td>1. The Disaster Management Department has not started the preparatory activities. 2. No specific action has been undertaken to build the nascent capacity of the Disaster</td>
<td>ground is essential before any new tourist facilities are added in Sagar. (ii) Unless such agreements are in place by September 2011, SPMU will undertake the work itself (the actual work will anyway be managed and operated by CBOs and Panchayats, as is currently planned). (iii) SPMU will need to support SAD to revise the proposal. SPMU will collect the plan and survey data already available with PHED (who oversee the annual fair at Gangasagar); and start planning and designing activities in conformity to that plan, but with an aim of environmental improvement of the area. SPMU will prepare an update and share with World Bank by October 2011. [Subject to Point ii above.]</td>
<td>A final meeting in October 18, 2011 – including a site visit on September 29, 2011 by the Minister of Sundarban Affairs, the MLA of Sagar Island who is also the chairman of the SDB, the District Magistrate, Principal Secretary of Tourism Department, Sabhadhipati of the District Panchayats, Chairman of SIDCL – decided that a revision of the DPR is indeed necessary, and directed SAD to do that. (iii) Unfortunately, SAD and their consultants failed to revise the DPR. It was therefore decided that a project management consultancy covering planning, design and supervision services will be required to support SAD/SPMU. (iv) Procurement process for the PMC has been initiated.</td>
<td>decision from them. (iii) Nil. (iv) SPMU will ensure that these PMC will be procured at the soonest, so that the aim of the project to develop the Sagar seafront as a best example of area environmental management combined with ecotourism and facilities for pilgrims do not suffer from any more delay.</td>
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<td>[4C-C3] provision of Cyclone Shelters in Sundarban by the Disaster</td>
<td>1. The Disaster Management Department has not started the preparatory activities. 2. No specific action has been undertaken to build the nascent capacity of the Disaster</td>
<td>1. These actions need to be completed in August 2011. 2. [See Aide Memoire of June 2011 for details] It is important for the State to build capacity for disaster management. This</td>
<td>1. No progress. The PEA is not sure of its scope and role, and therefore unlikely to complete these soon. 2. No specific discussion or progress on building the</td>
<td>1. (i) These actions need to be completed before any final proposal is forwarded to the Bank. (ii) SPMU will inform Bank by April 2012 latest if the activity will be done by the Disaster management Department, or forward to Bank/SICOM</td>
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<td>Management Department</td>
<td>Management Department 3. The proposal accepted at appraisal stage has been revised; the cost of one unit of cyclone shelter has been revised to RS.36.9 million instead of approximately Rs. 8 million at the time of appraisal. The new unit rate of construction is based on the States proposal under two other programs (PM Relief Fund and proposed National Cyclone Risk Mitigation Project – where the unit rate proposed by the State is Rs.38.6 million). The designs and estimates drew upon advice from an expert from IIT Kharagpur. 4. Based on the above proposed rate escalation, the Disaster Management Department has proposed to reduce the number of planned cyclone shelter to 10 from the original target of 32. 5. No other progress has been made.</td>
<td>proposal should be shared with World Bank by March 2012; and included in the Annual Action Plan for 2012-13. GoWB may chose to seek support from the Odisha who has set up one of the better systems of disaster management in the country. 3. [See Aide Memoire of June 2011 for details] SPMU and the Disaster management Department will prepare a revised proposal covering (i) community mobilization, (ii) community capacity building, (iii) construction of cyclone shelter including its appropriate design, (iv) plan for providing water supply, power, back-up power, sanitation and other required facilities, (v) equipment and safety gears needed, (vi) siting plan or strategy for cyclone shelters in schools or other regularly used public facility, (vii) operation and maintenance of cyclone shelters including of regular and periodic maintenance, (viii) full-fledged warning system in the villages, and (ix) cost estimates covering all of above and the cost of supporting all above, construction supervision, and supervision during operation.</td>
<td>State’s capacity for disaster management. The opinion is that the State has a department and disaster management committees at the district level. No comparison has been made with other states in India who have developed additional capacity in the last two decades. 3. The Disaster Management Department, after a series of meeting with SPMU has now agreed to revise the entire DPR incorporating the recommendations made in June 2012.</td>
<td>the alternative proposal of SPMU directly managing this activity. 2. The mission discussed this with the Chief Secretary, and requested to consider collaboration with Odisha to set up the needed institutional augmentation in West Bengal. The Chief Secretary suggested that the State is very keen on augmenting its capacity for disaster management, and an appropriate plan will be prepared soon. SPMU will follow up to see that such a plan is prepared by June 2012. 3. (i) SPMU will follow-up with the Disaster Management Department to finalize the DPR by February 2012. (ii) If such a revised DPR is not ready by February 2012, SPMU will suggest to SICOM/Bank by March 2012, alternative ideas – such as implementing this activity directly through NGOs, or with help from expert agencies in the country.</td>
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| Project Management               | 1. SPMU office established; minimum office infrastructure created.  
2. Recruitment process for nearly all SPMU staff completed. The State is planning to appoint a new senior officer of the State as the State Project Director.  
3. The State Steering Committee has not met.  
4. The Procurement and Financial management cell has now recruited most of the staff and the consultants. A dedicated website for SPMU will be prepared with help of NPMU.  
5. The Communication Unit has started working in a near satisfactory manner, even with the limited staff available. A toll-free telephone line is operational to record grievances. | 1. Nil.  
2. The Government will nominate a senior official of the State Government as State Project Director as soon as possible.  
3. SPMU will organize the first meeting of the State Steering Committee latest by September 2011.  
4. Nil, except that SPMU will ensure a procurement specialist is recruited as soon as possible.  
5. (i) Staff for the communication cell will be recruited as soon as possible. (ii) The communication cell, now expected to be fully staffed, should take a cue from Gujarat and Odisha SPMUs, and try to match and surpass the others. | 1. Nil.  
2. A near full-time State Project Director has been appointed.  
3. A meeting of the State Steering Committee, chaired by the Chief Secretary, was held in December, 2011. Additionally a review meeting was chaired by the Minister of Environment on August 12, 2011; and filed level review meetings were held on August 13 and September 17, 2011.  
4. Repeated recruitment process failed to identify a procurement specialist.  
5. (i) Staff for the communication cell has been recruited. (ii) The benefits of a full-fledged communication cell are already apparent. The project is definitely visible now in print and electronic media. Newsletter have been published and disseminated among the stakeholders. Several public awareness billboards installed in Digha. | 1. N/A.  
2. Nil – this is a welcome decision.  
3. Nil. Expected that such high level review meetings will continue.  
4. In view of the difficulty of recruiting a procurement specialist, SPMU may recruit young engineers with some experience of contract management and train them as procurement specialists.  
5. (i) Nil. (ii) The achievement has been good, and will be continued. |
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<td>6.</td>
<td>Nine of the 10 PEAs have signed MoU with SPMU; eight of them have opened bank accounts, nominated nodal officers. None of the 6 PEAs who required staff have recruited such staff.</td>
<td>6. (i) It is important to renew agreements with PEAs those seem to be wavering from the agreements and objectives of the Project. (ii) SPMU should insist and support PEAs to complete the necessary capacity building actions by September 2011.</td>
<td>and will be installed at Sagar. 6. (i) SPMU had already taken many initiatives. Some definite progresses have been achieved and noted through such initiatives; such as progress review meetings at highest policy levels. (ii) SPMU had insisted on completion of the preparatory capacity building activities, and almost all PEAs have now improved their capacity for project implementation.</td>
<td>6. (i) Nil. But SPMU will keep the discussion live, given the risk of turnover of nodal officers and other officials of the PEAs. (ii) SPMU will insist on the remaining PEAs to complete these actions by March 2011.</td>
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<td>7.</td>
<td>SPMU has organized two important workshops. Additionally, SPMU had organized two review meetings with all PEAs; and several meetings with individual PEAs; as well as several stakeholder meetings in Sagar and in Digha-Shankarpur.</td>
<td>7. A system of monthly review meetings with all PEAs need to start by September 2011. SPMU will endeavor that the State Steering Committee meets every 3 months.</td>
<td>7. Meetings are being organized frequently and a definite progress has been noted in this regard. Steering Committee meetings will take place once in every 6 months.</td>
<td>7. Nil. These review meetings will continue.</td>
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<td>8.</td>
<td>All legal covenants (as recorded in the PAD) had been complied albeit with some delay. The delay could be ascribed to the nearly 3 month period when the state elections were conducted in 5 phases and the election-time code of conduct did not permit decision-making, especially related to procurement or recruitment. Procurement Plan for the entire Project has been updated.</td>
<td>8. Nil. However, see Annex 5 for a detailed discussion on the issue of the State’s share of financing.</td>
<td>8. State’s share of financing has been duly released and received by SPMU.</td>
<td>8. Nil.</td>
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1. **Overall**: The project, is following the prevention principles built in its design to ensure long-term conservation of coastal and marine resources and at long-term sustainability. Implementation plans for all activities include environment management measures; monitoring measures to ensure that the issues avoided during design do not indeed occur. The proposed monitoring and evaluation processes (which are yet to start in a systematic way) include plans for conducting social audit and third-party audits as relevant. All these environment management measures have been adequately budgeted and staffs have been designated to provide the required oversight. The three tier grievance redress system has been established in the SPMUs in Gujarat, Odisha and West Bengal. Regulatory clearances, such as the CRZ clearance where relevant is being ensured before award of works contracts.

2. Activities being planned by the PEAs ensure that there is no conversion or degradation of natural habitats (whether protected or not), land clearing, replacement of natural vegetation; no permanent or temporary flooding of natural habitats; no drainage, dredging, filling or channelization of wetlands. In this regard, specific precaution has been taken in the plantation of mangroves which progressed well in Gujarat. Any possibilities of introduction of invasive exotic species have been avoided. Community management approaches are being ensured for all mangrove and shelterbelt plantations (efforts are being made to adopt these approaches even in cases where Force Account is used). All SPMUs and PEAs have ensured that mangrove plantation is done on "revenue land" and/or "forest land" with a total avoidance of any private land; no synthetic or chemical pesticide or herbicide is used in any plantation or de-weeding or clearing operations.

3. Six villages around Dandi in Gujarat have been notified as an Ecologically Sensitive Area, based on resolutions adopted in full meetings of the village panchayats, and in agreement between the State and the central Government. Conservation of environmental resources, minimization of pollution, and an aim to reduce carbon emission from these villages are in-built in the integrated area planning process that is being taken up. Similar stakeholder consultation and participation as well as environmental conservation agenda is in-built in the process of notifying Vedaranyam in Tamil Nadu as an ecologically sensitive area; and the proposal for notifying Vembanad in Kerala as such.

4. The project is being implemented by professionals of NPMU and SPMUs with a good level of environment awareness and experience. However, not all the staffs of the NPMU, SPMUs and the PEAs are fully aware of the precautionary needs of this Project, and about the environmental avoidance, mitigation or monitoring processes agreed for this Project. Efforts are underway that (a) an activity-wise detailed chart is prepared summarizing all actions proposed in the environmental management plan for the Project, and disseminated to all staff of NPMU, SPMU and PEAs; and (b) an orientation cum training program for all such staff is held by January 2012. The Quarterly Project Report starting from the period of July-September 2011 (to be submitted by December 2011) is due and need to be expedited. The reporting shall need to provide clear understanding of how the environmental management plan is being implemented for each activity by each of the PEAs, and overall by SPMUs and NPMU. The mission provided a detailed outline of actions to be addressed as part of project environmental management.

5. In **Gujarat**, The Sewerage contracts are awarded in Jamnagar and the work is in progress. The contracts include site specific environment management measures to prevent construction related impacts on ambient water or air. However, during site visits it was noted that construction wastes and dug up earth is spread over the construction area indiscriminately. Also the safety measures at dug up trenches could be improved by placing appropriate signage including information on construction period.

6. With regard to entry point activities already implemented by various CBOs, SHGs or EDCs have ensured appropriate environment management and this has been confirmed during field visits. As part of the
capacity building and community mobilization activities organized by SPMUs and PEAs, substantial effort is placed on ensuring that all aspects of the entry point activities and the larger livelihood enhancement options are in line with the environmental conservation and pollution prevention aspects of the Project. In the villages that the Project is currently operating, there had been substantial progress in planning to improve the overall village environment, beyond the activities financed by the Project. Most notable such additional benefits with relation to environmental management have been the agreements to focus on improving village sanitation, and on solar lighting for household and for street lighting. As part of the Project, most village level entry point activities are therefore, now related to (i) village sanitation, (ii) solar lighting of streets and community spaces, (iii) solar cookers, (iv) bio-gas plants, albeit some village roads have been financed. While the entry point activities in all the villages are successful, achievement of 100% sanitation in Village Khara Bezra and 100% solar electrification (street lighting and home lighting) for village Mori and a island Azad is noteworthy. An excellent effort on social mobilization and related CBO/SHG formation has been undertaken by the SPMU. As a direct result, this is expected to enhance the sustainable plantation of mangroves, shelterbelts and development of bio-shields, together with appropriate activities for improved, and alternative where appropriate, livelihood for the vulnerable coastal communities. Indirectly, this is expected to play a crucial role in co-management principles of the Project, and in reducing conflicts among various stakeholders.

7. In Odisha, the priority investments such as the cyclone shelters are being implemented with adequate due diligence. For each of the cyclone shelters, site level social and environmental screening has been completed; all environmental mitigation measures and relevant codes of practice had been incorporated in the bid documents; and the community level awareness and mobilization activities devoted adequate attention to the site level pollution and hygiene issues. For the 11 cyclone shelters which needed clearance with respect to the CRZ Notification, such clearances have been obtained. The laboratory building of the Odisha State Pollution Control Board at Paradip is designed with the best environmental standards and pollution control norms. Currently, SPMU is further facilitating to achieve Green Rating for the proposed OSPCB building. For all other priority investments which are yet to be implemented on ground, the detailed project reports include adequate level of environmental mitigation measures, and these will be or are being incorporated in the bid documents. During the mission, specific discussion with respect to the proposed eco-tourism facilities at Tampara Lake, the agreement exclude introduction and operation of motor boats (and equivalent where there is chance of water pollution from unspent fuel or accidental discharges) is seriously persued, and this facility will be instead designed for leisure water sports rather than high speed adventure water sport. The SPMU and the PEAs have forwarded all applications for CRZ clearance (these activities need clearance even if these are permissible) to either the SCZMA or the NCZMA. These applications include 2 camp sites (Khirisahi and Balianla) as part of the ecotourism activity by the Wildlife Department; ecotourism activity at Bakrul by the Odisha Tourism Development Corporation; cultural heritage conservation activities for the Ganjam Fort and at the Bhabakundaleswar Temple, Manikpatna. All CRZ clearances are expected to be available by October 2011.

8. In West Bengal, the procurement of pilot investments in Dhiga Shankarpur area has been initiated. As parallel activities to procurement, SPMU has initiated environmental due diligence of sites for landfill for solid waste management and STP. The mission included visits to these sites and discussed the details to be covered as part of the due diligence. The mission also noted that natural drainage, and land uses are important aspects to be factored at these sites, while residential areas would not be affected due to the proposed project interventions. Other pilot investment activities are in early stage of initiation. For all other pilot investments, the detailed project reports include environmental mitigation measures, but the implementation performance will have to be carefully monitored when actual implementation starts.

9. **Agreed Actions.** The project is being implemented by professionals of NPMU and SPMUs with a good level of environment awareness and experience. However, not all the staffs of the NPMU, SPMUs and the PEAs are fully aware of the precautionary needs of this Project, and about the environmental avoidance,
mitigation or monitoring processes agreed for this Project. Efforts are underway that (a) an activity-wise detailed chart is prepared summarizing all actions proposed in the environmental management plan for the Project, and disseminated to all staff of NPMU, SPMU and PEAs; and (b) an orientation cum training program for all such staff is held by January 2012.

10. A very detailed plan for monitoring and reporting on the implementation of the environmental management and social impact management plan (together called the EMP in the project) has been prepared. By virtue of being very detailed and very systematic, this also means very detailed and heavy workload. As such manual use of this plan including all of its formats will be unwieldy. Therefore, it was agreed that this entire plan and formats for monitoring and reporting on progress of implementation and efficacies of the EMP will be dovetailed with the QPR; and will be fully automated, and be web-based. Work on this is expected to be completed by March 2012, and the QPR for the period January-March 2012 (to be submitted by May 2012) should be able to demonstrate the effectiveness of such an automated and web-based system.
Gujarat

1. The mission was pleased to note the continuous progress made in community mobilization in Gujarat. Collection of baseline data has been completed in more than 50% of the villages. Self Help Groups (SHGs) for income generation activities and Eco-Development Committees (EDCs) and Community Based Organizations (CBOs) for mangrove plantations have formed in over 140 villages. Several awareness generation and capacity building activities including orientation or exposure visits for CBOs, EDCs and SHGs have been initiated. Toll free phone line and a theme based interactive and informative website has been designed, which apart from disseminating ICZMP information also serves as one of the channels for grievance redress. The project is planning to hold the second workshop for judiciary officials to orient them to the ICZM project and its grievance redress mechanism. The mission noted that though revenue map and Talati’s letter is attached with the proposal involving community or private land, it was agreed that project will also attach revenue record detailing name of the owner and land use. The mission was pleased to note that women CBO members in Tuna village are eager to learn and therefore it was agreed that project will assist in establishing adult literacy centre to be run in the night.

2. Community Based Mangrove Plantation and Socio-Economic Development of villages:

   a. **Coverage**: A total of 163 villages across 14 blocks of five districts will be covered under various components of the project. All these villages are within a distance of 5 km from the coast. Over 70% of the villages entirely depend on coastal resources and in the remaining 30% villages, agriculture and animal husbandry is the main occupation. All these villages not only have been adversely affected by coastal disasters, they also lack basic infrastructure.

   b. **Distribution of villages**:

<table>
<thead>
<tr>
<th>Region</th>
<th>Blocks (Taluka)</th>
<th>Number of villages</th>
</tr>
</thead>
<tbody>
<tr>
<td>Jamnagar</td>
<td>Jamnagar, Jodia, Okhamandal (Dwarka), Kalyanpur, Khambhaliya, Lalpur</td>
<td>52</td>
</tr>
<tr>
<td>Gandhidham (Kachh and Rajkot district)</td>
<td>Mundra, Anjar, Gandhidham, Bhachau, Maliya</td>
<td>51</td>
</tr>
<tr>
<td>Naliya (Kachh district)</td>
<td>Mandvi, Abadasa, Lakhpat</td>
<td>60</td>
</tr>
<tr>
<td>Region: 3</td>
<td>Blocks: 14</td>
<td>Villages: 163</td>
</tr>
</tbody>
</table>

c. **Baseline information and community mobilization**: So far participatory rural appraisal (PRA) exercises for collection of baseline data and village need assessment have been completed for 82 villages out of 163 villages to be covered under the project. Out of targeted 480 Self Help Groups (SHGs), project has so far mobilized 238 SHGs and 51 are in the process of formation. The progress made in the project is summarized in table below.
d. Out of total target of 15,000 ha, the project has so far completed plantation for about approximately 5000 ha with the help of 136 eco-development committees (EDCs) and community based organizations (CBOs). So far MNP has identified 10 entry point activities in the mangrove villages such as construction of RCC roads, sewerage system, check dam, sanitation blocks, water supply, provision of oil engine, pumps, etc. A detailed participatory process has been followed for the formation of CBO / EDC which includes, (i) introductory meeting with villagers, panchayat, community leaders, and other PRI members to disseminate information about ICZM and seek participation and collaboration of village community; (ii) Fallia (Hamlet) level focus group discussion with various stakeholders; (iii) gram sabha resolution for formation of CBO/EDC; (iv) followed by selection of CBO members ensuring representation of different caste and classes; (v) formation of executive committee, explanation of roles and responsibilities; (vi) signing of memorandum of association and election of office bearers, opening of bank account and registration.

e. Green Action for National Dandi Heritage Initiative Memorial Project: The project has completed collection of base line data in four villages namely Dandi, Samapar, Matwad, and Onjal. In addition, CBO formation has been completed in 6 villages of Navasari district post discussion with the panchayat. MOUs have been signed and mobilization amount has been disbursed to all the CBOs. The project has revived 41 existing SHGs. The project has provided 60 solar street lights and has provided training to 150 beneficiaries. Exposure visit was organized for over 50 CBO and SHGs members.

f. Field Visit: The mission visited five villages. The findings and description of villages visited is given below.

i. Khijadiya village: The mission visited Khijadiya village situated close to Khijadiya bird sanctuary. The baseline data collection for the village has been completed. The main occupation followed in the village includes agriculture and animal husbandry with very little dependency on sea. The dependence mission was pleased to note that field coordinators are emphasizing the value of literacy and have taught women to write their names, built confidence that women can approach banks (mobile banks visits the village) and operate bank accounts. Books of account are being maintained meticulously and discussions are also properly recorded as minutes of the meeting. The women in Khijadiya village have developed unique embroidery skill called "machi work" or "karchok" and SHGs wants upward market linkages to strengthen their acumen and gain livelihood through promotion of their craft. A five member social audit committee lead...
by a woman member has been constituted in the village. The EDC was formed in the village in 2009 with more than 50% women members. There are five self help groups in the village, the oldest formed in 2002 and rest all in 2010 by the project. Except one, all SHGs are women groups. As entry point activities, project constructed RCC road in the village, skill upgradation for mauchi work, and distributed solar cookers in the village. The project also carried out mangrove rath yatra.

ii. Khara Beraza village: The mission also visited Khara Beraza village situated in the vicinity of Marine National Park has about 100 households. Baseline data through participatory methods has been collected. The EDC was formed in this village in 2009 and as part of capacity building of EDC members, various management trainings have been imparted and several field exposure visits have also been conducted. Three SHGs (all women) have been formed in the village. A five member social audit committee headed by a woman has been formed in the village. The survey for solar lighting has been completed. The project gave incentive money for construction of toilets. Except one, all households have constructed toilets in the village.

iii. Kukadsar Village: The mission also visited Khara Beraza village located in Mundra taluka of Kachh district has about 350 Rabari households. Baseline data through participatory methods has been collected. A 150 member strong CBO was formed in this village in 2010 having more than 50% women members. As part of capacity building of CBO members, various management trainings have been imparted and several field exposure visits have also been conducted. A five member social audit committee headed by a woman has been formed in the village. As entry point activities, project is providing drinking water facility through stand post and a 10 ha fodder plots.

iv. Kuvaipaddhar Village: Kuvaipaddhar located in Mundra taluka of Kachh district is a small village of about 60 tribal households. Baseline data through participatory methods has been collected. A 85 member CBO was formed in this village in 2010 having more than 50% women members. As part of capacity building of CBO members, various management trainings have been imparted and several field exposure visits have also been conducted. A five member social audit committee headed by a woman has been formed in the village. As entry point activities, project is providing drinking water facility through stand post.

v. Tuna village: Largest of all the five villages visited by the mission, Tuna has over 700 households located in Gandhidham block of Kachh district. Baseline data through participatory methods has been collected. A CBO was formed in this village in 2010. The 13 member executive committee has 6 women members including the secretary of the committee. A five member social audit committee headed by a woman has been formed in the village. As entry point activities, project is providing a RCC road and a causeway in Kumbhar Vas.

3. **Way Forward:** Additional attention will be given to the issues related to (a) sustainability of SHGs through market linkages; identification and implementation of well defined and demand driven trades. SHGs need to be linked to the government run schemes; and (b) priority implementation of identified entry point activities to sustain the momentum generated among the communities

**Odisha**

4. The SPMU has made considerable progress since the last mission, especially at the field level. Interaction with the community members during field visits revealed that community mobilization has been very effective. Substantial progress has been made in the activities related to livelihood enhancement pilot
investment by the Fisheries Department. 300 SHGs have been identified and 272 SHGs have already received Rs. 50,000 each towards entry point activities. The Directorate of Handicraft and Cottage Industries has initiated training and capacity building for developing alternative livelihood options for fishermen through coir making. For many of the pilot investments where not much progress has been otherwise made (such as the activities of the Forest Department; the Odisha Tourism Development Corporation or the Department of Culture) communities have been informed about the activities, and formal mobilization and participatory processes is underway. The requirement for construction of training centre is proposed to be met through alternative arrangement of upgrading the existing coir training centres in Puri district. For the overall project, the SPMU has installed a toll free phone line and has also launched a dedicated website with an interactive grievance redress link.

West Bengal

5. In West Bengal, the social/rural development specialist is yet to be hired in the SPMU. Though no private land acquisition will be required for any of the activities in the Project, government land will be transferred to the project at various locations. It was agreed that SPMU will conduct social screening to ensure that all such land parcels are free of encroachment and other encumbrances. In the event any use of such land is found to trigger physical or economic relocation (including for non-titleholders), resettlement action plans will be prepared as per the agreed Resettlement Policy Framework for the Project. For most of the pilot investments, especially related to livelihood enhancement of the coastal communities, where not much progress has been otherwise made communities have been informed about the activities, but formal mobilization and participatory processes have not started. These processes are essential particularly because the assets will be managed, operated and maintained by the communities in most cases. With respect to the environmental improvement of the Digha beach, it was re-emphasized that all the nearly 1650 kiosks (and not any subset of it, such as the old proposition of resettlement of 620 kiosks) will need to be organized as part of the in-situ resettlement; and the consultants to be hired for design and supervision will focus on a comprehensive solution. The consultation process initiated in the past needs to restart, and SPMU will need to ensure that these kiosk owners participate in the design process.
1. **FM ISR rating**: Based on discussions during the implementation support mission and review of the Financial Management (FM) systems across the project, the FM rating is retained as Moderately Satisfactory (MS). While the NPMU and the Odisha SPMU have carried out most of the agreed actions, the SPMUs in West Bengal and Gujarat are in the process of completion of the agreed actions; and it is expected that these actions would be completed before the next implementation support mission. Except for Gujarat and West Bengal, where there is a partial compliance to the legal covenant related to budget, all other financial covenants have been met by the project. The mission also recognized the issue faced by the NPMU and the SPMUs in getting continuous further releases from their respective Finance Departments given the current scenario of low spending and consequent inability to submit utilization certificates. The mission requested the NPMU/SPMU to make realistic budget estimates for the upcoming financial years based on actual works; and intimate the same to the respective Finance Departments for budget provision. The agreed actions for the project are summarized in the FM annex. If these agreed actions are completed before the next implementation support mission, the FM rating could be considered for an upgrade.

2. The following are the summary of FM discussions across NPMU and the SPMUs.

**Budget:**

3. **SICOM**: For the last financial year (FY), GOI provided a budget of Rs.1494.0 million which has been transferred to the NPMU bank account. During the last financial year, Rs.1350.9 million was transferred to the States and other National level PEAs. For the last FY, GOI provided a budget of Rs.1494 million which has been transferred to the NPMU bank account. Out of this amount Rs. 1350.9 million was transferred to the States and other National level PEAs during the last FY. For the current FY, budget provision was made for Rs.2676 million. However money has not been drawn from the budget due to opening balance available with the project. The project is going to draw Rs.1046 million during January 2012 for transfer to SPMUs. The project is also requesting a budgetary provision of Rs.1940 million for the next FY. The expenditure incurred in the national component is Rs.63.6 million.

4. **Gujarat**: The State provided a budget allocation of Rs. 20 million for FY10-11, and this amount was transferred to the SPMU bank account. The NPMU had transferred an amount of Rs.429.2 million during the last FY. For the current FY, the State has provided Rs. 42.5 million budget out of which Rs.10.6 million was transferred to the SPMU; although the full amount is expected to be released to the SPMU by early 2012. The NPMU has not transferred any amount during this period. Out of the total amount received so far, an amount Rs. 194 million has been spent. The balance would be released based on the utilization certificates.

5. **Odisha**: The State provided a budget allocation of Rs.46.6 million for FY 10-11, and this amount was transferred to the SPMU bank account. The NPMU had transferred an amount of Rs.359.8 million during the last FY. The State has provided a budget allocation of Rs.45.6 million for FY 11-12, and this entire amount has been transferred to the SPMU bank account. The balance amount with the SPMU including

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2 This is leading to only a partial compliance to the legal covenant in Gujarat.
last year balance is Rs.408.7 million. The NPMU has not transferred any amount during this period. The expenditure till September 2011 was Rs.47.1 million.

6. **West Bengal**: The State provided a budget allocation of Rs. 44.8 million for FY10-11, and this amount was transferred to the SPMU bank account. NPMU had transferred an amount of Rs.322.7 million during the last FY. For the current FY, the State has provided Rs.87.6 million in the budget, but funds of Rs.12.4 million only had been released\(^3\) to the SPMU. The balance would be released based on the utilization certificate. Expenditure up to September 2011 was Rs.57.3 million.

**Disbursements:**

7. The disbursement as per the system is XDR 9.09 million including DA. The overall disbursement percentage is 6.2\% (including DA) while the claim for September 2011 to the tune of XDR 1.5 million has been submitted by the project. Disbursements are on the slower side as compared to the projections; although expected to improve during this financial year, as the contracts for most of the works would be in place.

8. Disbursement will remain a major issue for the project for the foreseeable future. Even while it is expected to improve during the remaining of the current FY, such an improved disbursement will still remain slower than the projections. The NPMU and the SPMUs are taking all plausible actions to complete procurement of all major goods, works and consultancies before June 2012. Even with this, disbursement is expected to touch the projections only by the second or third quarter of FY13.

<table>
<thead>
<tr>
<th>Component</th>
<th>Allocated (million SDR)</th>
<th>Disbursed (million SDR)</th>
<th>Balance (million SDR)</th>
<th>Disbursement (%)</th>
</tr>
</thead>
<tbody>
<tr>
<td>A</td>
<td>44.140</td>
<td>0.840</td>
<td>43.300</td>
<td>1.90%</td>
</tr>
<tr>
<td>B</td>
<td>38.125</td>
<td>1.010</td>
<td>37.115</td>
<td>2.65%</td>
</tr>
<tr>
<td>C</td>
<td>25.355</td>
<td>0.190</td>
<td>25.165</td>
<td>0.75%</td>
</tr>
<tr>
<td>D</td>
<td>38.550</td>
<td>0.010</td>
<td>38.540</td>
<td>0.03%</td>
</tr>
<tr>
<td>PPF advance</td>
<td>0.730</td>
<td>0.730</td>
<td>0</td>
<td>100.00%</td>
</tr>
<tr>
<td>DA</td>
<td></td>
<td>6.300</td>
<td>-6.300</td>
<td></td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td><strong>146.900</strong></td>
<td><strong>9.080</strong></td>
<td><strong>137.820</strong></td>
<td><strong>6.18%</strong></td>
</tr>
</tbody>
</table>

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\(^3\) This is leading to only a partial compliance to the legal covenant in West Bengal.
9. The overall sources and uses for the project is exhibited in the table given below.

<table>
<thead>
<tr>
<th>Sources</th>
<th>(Rs. in Crores)</th>
<th>NPMU</th>
<th>Orissa</th>
<th>Gujarat</th>
<th>Bengal</th>
<th>Total</th>
</tr>
</thead>
<tbody>
<tr>
<td>1. Received from NPMU/GOI</td>
<td>150.40</td>
<td>35.98</td>
<td>42.92</td>
<td>32.27</td>
<td>261.57</td>
<td></td>
</tr>
<tr>
<td>2. Received from State Govt.</td>
<td>9.22</td>
<td>3.06</td>
<td>5.72</td>
<td></td>
<td>18.00</td>
<td></td>
</tr>
<tr>
<td>3. Interest on Bank deposit &amp; other received</td>
<td>0.54</td>
<td>1.36</td>
<td>0.64</td>
<td></td>
<td>2.54</td>
<td></td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td><strong>150.40</strong></td>
<td><strong>45.74</strong></td>
<td><strong>47.34</strong></td>
<td><strong>38.63</strong></td>
<td><strong>282.11</strong></td>
<td></td>
</tr>
</tbody>
</table>

**Uses**

<table>
<thead>
<tr>
<th></th>
<th></th>
<th>NPMU</th>
<th>Orissa</th>
<th>Gujarat</th>
<th>Bengal</th>
<th>Total</th>
</tr>
</thead>
<tbody>
<tr>
<td>4. Expenditure FY 2010-11</td>
<td>2.45</td>
<td>2.07</td>
<td>11.14</td>
<td>2.92</td>
<td>18.58</td>
<td></td>
</tr>
<tr>
<td>5. Expenditure FY 2011-12 (up to 30/9)</td>
<td>3.92</td>
<td>2.64</td>
<td>8.26</td>
<td>2.35</td>
<td>17.17</td>
<td></td>
</tr>
<tr>
<td>6. Other advance - PEAs</td>
<td>111.15</td>
<td>0.16</td>
<td>13.41</td>
<td>3.20</td>
<td>127.92</td>
<td></td>
</tr>
<tr>
<td>7. Balance in Bank Accounts (SPMU)</td>
<td>7.21</td>
<td>34.48</td>
<td>10.32</td>
<td>30.16</td>
<td>82.17</td>
<td></td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td><strong>150.40</strong></td>
<td><strong>45.74</strong></td>
<td><strong>47.34</strong></td>
<td><strong>38.63</strong></td>
<td><strong>282.11</strong></td>
<td></td>
</tr>
</tbody>
</table>

**Accounting system:**

10. **SICOM (or NPMU):** The NPMU has installed and operationalized Tally accounting system. The financial reports are being generated based on Tally records. The accounting records are up to date at NPMU. The SOI, the MSSRF and the NCSCM (these 3 are the national level PEAs) has initiated implementation of Tally accounting system and has achieved good progress. However, these 3 PEAs would require guidance from the NPMU on streamlining the chart of accounts and the accounting entries. The NPMU had provided training for the accounting staff at these PEAs. The NPMU also has agreed to conduct a workshop for these PEAs before March 2012.

11. **Gujarat:** The SPMU and all PEAs except the GSPCB have installed and operationalised the Tally accounting system. Financial reports are being generated based on Tally records. The accounting records are up to date at the SPMU and at the PEAs. The SPMU is advised to look for Synchronization of TALLY module and implement them across PEAs by March 2012. The project accounts have been updated till October 31, 2011.

12. **Odisha:** Tally has been installed in the SPMU and all the PEAs. However, Tally is functioning in all PEAs and is up to date. Synchronization of TALLY module has been completed in 8 PEAs, while in the 2 remaining PEAs it is expected to be made online by March 2012. The project accounts have been updated till October 31, 2011.

13. **West Bengal:** The SPMU and all the PEAs (except the Disaster Management Department, where no work has begun) have installed Tally accounting system. Tally training has been provided to all the PEAs and the work of data entry has started and is updated. The project accounts have been updated till October 31, 2011.

**Project-specific bank accounts set up**

14. The SICOM and all SPMU’s have setup the bank accounts and banking arrangements as agreed with the World Bank. The following are the details state wise:
a. **Gujarat**: Separate bank accounts have been created for the SPMU and the PEAs in the Corporation Bank. The banking arrangement in not exactly as per the concept of linked bank accounts. However, this arrangement has sufficient controls on funds; and is agreeable to the World Bank. Two areas which the SPMU needs to monitor constantly are (i) the possibility of idle funds lying with the PEAs bank accounts, and (ii) the reconciliation with bank balances.

b. **Odisha**: The bank accounts have been created for the SPMU and PEAs in the State Bank of India. In case of OSDMA, the bank account has been opened with Allahabad Bank for operational ease.

c. **West Bengal**: The bank accounts have been created for the SPMU and 9 PEAs in the United Bank of India.

### Staffing

15. **SICOM**: A Chartered Accountant has been appointed as the finance manager who heads the accounts and finance cell at SPMU and is supported by accounts assistant (who is a commerce graduate). NPMU has hired PFMC from December 2010. In case of the SOI, dedicated staff for maintaining the Tally accounts has been appointed. The MSSRF has assigned a dedicated staff for maintaining the project accounts. The NCSCM has deputed a special officer to head the accounts department and has hired a part-time consultant to maintain accounts. The NCSCM is also in the process of appointment full time accounts staff; and this needs to be completed before March 2012.

16. **Gujarat**: At SPMU, the Chartered Accountant earlier appointed has been appointed as the finance manager who heads the accounts and finance cell has left. Current staffing at SPMU level is very scarce as there is only one person in the accounts cell at the level of an accounts assistant. The SPMU is supported by the PFMC personnel, but this arrangement is not as per the agreed staffing plan. Full staffing as per agreed staffing plan is required to be completed at the earliest and before March 2012. In the case of the PEAs, too, staffing is very limited. The JMC, the GSPCB, the MNP and the BISAG would require augmentation of resources. In the interim period, the SPMU with the help of PFMC staff would ensure that the accounts of PEAs are maintained up to date. The mission had interaction with all the PEAs (except the MNP) at the SPMU office. While majority of the accounts staff were well informed about the project, there would be a requirement for constant re-training on accounts and Tally for the next six months. The project is required to provide all such training before March 2012.

17. **Odisha**: Staffing at the SPMU level is adequate as the state has nominated two staff; and a professional accountant (CA) has been appointed. The PFMC appointed at the SPMU level would also visit and ensure that PEA accounts are maintained timely and correctly. The OSDMA (where vacancy arose due to recent promotions) and the OSPCB are yet to appoint accounting staff. Such staff positions need to be filled up at the earliest and before March 2012. In the interim period, the SPMU with the help of PFMC staff would ensure that the accounts of PEAs are maintained up to date. The mission had interaction with all the PEAs (except the MNP) at the SPMU office. While majority of the accounts staff were well informed about the project, there would be requirement for constant training on accounts and Tally for the next six months. The project has already imparted training in September and November 2011. Similar training should be delivered/conducted again by the SPMU before March 2012.

18. **West Bengal**: Staffing at SPMU level is not yet as per the agreed staffing pattern. SPMU has hired one CA and has appointed two commerce graduates. Apart from that the state has deputed one senior officer to head the accounts cell of the SPMU. PFMC has been appointed by the SPMU. All the PEAs, with help from SPMU, have recruited the required accounting staff recently. There would be requirement for constant training on accounts and Tally for the next six months.
Internal audit

19. **SICOM**: The internal auditor has been appointed; and submitted the report for the first quarter of the FY. The NPMU has shared the report with the Bank. An audit committee has been constituted at the NPMU which met on August 17, 2011 to discuss the internal audit reports.

20. **Gujarat**: The internal auditor has been appointed, and has submitted the report for the first quarter of the FY. The report for the second quarter is under preparation. An audit committee has been constituted at the SPMU; and the committee met during October 2011 to review the statutory and internal audit reports.

21. **Odisha**: The internal auditor has been appointed, and has submitted the report for the first quarter of the FY. The report for the second quarter is under preparation. An audit committee has been constituted for the SPMU, in which the FA&JS, Forest and Environment Department, Government of Orissa is also a member. The audit committee met during September 2011 to review the statutory and internal audit reports.

22. **West Bengal**: The auditor has been appointed for the project, and has prepared a report for the first quarter of the FY. The first quarter report is expected to be submitted by August 2011 end. An audit committee of the SPMU has been constituted.

External audit

23. An external auditor has been appointed by the NPMU who will cover the entire project activities carried out by NPMU, all SPMUs and PEAs. Audit has been completed for the FY10-11; and the Audit Report has been submitted to the Bank in time. Bank reviewed the audit report, and Bank’s observations were communicated to the NPMU. The NPMU has also responded to the Bank on the observations within the reasonable stipulated time. These responses from the NPMU have been accepted by the Bank. The Bank discussed with the NPMU and the External Auditor a number of suggestions pertaining to the presentational aspects of the financial statements. The External Auditor has agreed to incorporate the suggestions to improve presentation of the financial statements in the next Audit Report (for FY11-12).

PEAs at national level

24. In addition to hazard mapping (in which the SOI is the PEA), three other activities are slated to be carried out by PEAs under national component: (i) Dandi ESA activities which is expected to be carried out GEC; (ii) Vedranyam ESA activities which expected to be carried out MSSRF; and (iii) national knowledge program to be carried out by NCSCM. GEC is already a PEA in Gujarat Component, and have adequate financial management ability to implement the activity. The MSSRF and the NCSCM have been accepted as PEAs in the project after an agreement on improving their respective financial management capacity based on assessments of their current financial management systems, as per the FM Manual of the project.

25. Substantial issues remain unaddressed regarding the financial management capacity and the augmentation of such capacity for the 14 Partner Institute of the NCSCM. Until these Partner Institutions develop adequate financial management capacity, all project related expenses at these Partner Institutions should be scrutinized, paid and accounted by the NCSCM. The NCSCM and the NPMU should ensure that staff are hired and trained properly at any of these Partner Institutes before they operate the project funds. For each of the Partner Institutes, the final cost table and the activities are yet to be approved by the NPMU or the Bank. So the first step would be preparation of the cost tables and activities to be agreed with NPMU and the Bank. Each MOU between the NCSCM and the Partner Institute(s) will describe the accounting, fund flow and audit requirements , as well as the staffing plan. Till the time the cost tables are completed and the funding is agreed, the project is advised not to claim expenditure incurred by these agencies.
26. [NOTE: Payment for the GANDHI Project implemented at Dandi, Gujarat]. This is part of the National Component, and the GEC is only a PEA for NPMU. The cost table has been agreed with the World Bank. The GEC has already spent money for the GANDHI activity, but the MOU is yet to be signed with NPMU. The amount spent under this activity is not reimbursable until the MOU is signed (expected to be signed in January 2012).

27. [NOTE: The MOU between the NPMU and the MSSRF]. The MOU states that 20% of establishment costs would be charged as supervision and monitoring charges. The Mission clarified that the project funds can be used to pay incremental operating costs (including salary of dedicated staff; and all contract staff; and other related costs), but not any organizational overhead. All payments for incremental operating cost should only be on the basis of actual expenditure. Based on this discussion, the MOU between the NPMU and the MSSRF has been revised and amended in December 2012.

New PEAs (either at the national or the state level)

28. For any new PEAs to be added at the project, a financial management assessment needs to be carried out. Based on results of such assessments, a list of actions needed to be agreed with such potential PEAs. For all such new PEAs, linked-bank account will need to be created, staffing plan and schedule needs to be agreed, a Tally accounting system needs to be set up. For each such PEAs, final cost table and the activities should be approved by the World Bank. The first step should be that the cost tables and activities are agreed with the NPMU and the Bank. Till the time the cost tables are completed, funding is agreed, and the agencies are accepted as PEAs by the Bank, the project is advised not to claim expenditure incurred by these agencies.

Community Manual/Framework

29. In the project there are many activities components where the funds would be transferred to the SHGs/EDCs/CBOs and NGOs. The project has prepared a revised manual; and the Bank has reviewed and commented. The project needs to finalize this manual and submit to the Bank before February 2012. It has been agreed that all payments made to the SHGs/EDCs/CBOs and NGOs groups would be treated as advance and would be accounted as expenditure only when the groups provide either statement of expenditure or utilization certificate as designed by the project. The project should prepare a standard format of SOE/UC to be used by all such agencies. This format should be finalized and shared with the Bank before February 2012. As agreed earlier, all payments must be made to these community groups through cheques; and each such group should maintain separate bank accounts, where feasible. The bank account should have at least two signatories, which is a good internal control mechanism. The mission suggested that the maximum installments should be around 3 or 4, and the project needs to work out and inform as how the payments would be made and how the expenditure would be monitored.

30. In case of plantation activities, an MOU is signed between the PEA and the SHG. Then based on the outputs, the amounts are being paid to SHGs. However the documents submitted by the SHGs, as was seen in Gujarat, are not sufficient. The project is required to create a format of UC which will be submitted by the SHGs along with the copy of the measurement book (or whichever equivalent exist at the SHG level) and photograph of work as supporting evidence. Any advances paid to such agencies would be shown in the books as advances; and will be considered to be expenditure only when the SOE/UC is received in the prescribed standard format. The project will claim these amounts from the Bank only when the SOE/UC is received and verified by the PEA.

31. In case of sanitation works, as seen in Gujarat (or in all other cases where the entire work is expected to be completed in a few months only), where the project funds are provided as incentive or subsidy, the payments can be made in two or three installments based on the scope of the work to be carried out, but the amount can be claimed as expenditure once the entire work is completed. In such cases all payments
during the period of work should be treated as an advance; and the total payment at the end of completion of work should be treated as expenditure. The final payment at the end of the work should be made when SOE/UC as per prescribed standard format is available, along with a copy of the measurement book (or a certificate equivalent in spirit of a measurement book) along with photograph of the completed work.

Entity Audit backlog for certain PEAs

32. The JMC has completed the entity internal audit for 2009-10 and 2010-11 (although the report for FY2010-11 is yet to be issued); and has resolved the audit back log issue as agreed. The JMC should take further steps to be up to date in this regard, as it is viewed as a good governance practice.

33. OSPCB Audit: The entity statutory audit has been completed till 2009-10, but the report is yet to be issued. The audit for the year 2010-11 is also expected to be completed before March 2012.

Limits of Cash Payment

34. In response to the agreed actions during the first implementation support mission (June 2011), cash payments have been reduced to the minimum. The mission advised the NPMU/SPMU that they should strive to limit each case of cash payment to about Rs.5000; and communicate to all the PEAs to follow a similar procedure. There will be occasions in the project, where this limit will prove infeasible; but in those cases the PEAs should be able to anticipate the need for higher cash expenditure, and seek SPMU/NPMU approval before any expenditure exceeding this limit.

Learning from Each Other

35. The mission suggested each of the SPMU accounting teams to (i) visit and work together for a few days each year at the NPMU, especially at the time of consolidation of IUFRs; and (ii) send team members to other SPMUs for cross learning as well as training. The mission also suggested the NPMU to conduct workshops for SPMUs and all PEAs to support learning in the sphere of accounting, finance management, using accounting as a monitoring tool, and for financial planning as an input to annual action plans.

Agreed Actions

36. Following is the list of agreed actions on financial management systems.

<table>
<thead>
<tr>
<th>Action to be taken</th>
<th>By Whom</th>
<th>By When</th>
</tr>
</thead>
<tbody>
<tr>
<td>To conduct Workshop for SPMUs and PEAs on Accounting, Financial Management and Planning</td>
<td>NPMU</td>
<td>March 2012</td>
</tr>
<tr>
<td>Tally Sync Module</td>
<td>Gujarat SPMU; Odisha SPMU</td>
<td>March 2012</td>
</tr>
<tr>
<td>All planned and agreed staff of the Financial Management Sub-Cells will be recruited, provided inception training, and will be in place</td>
<td>NCSCM; Gujarat SPMU and PEAs; Orissa SPMU and PEAs</td>
<td>March 2012</td>
</tr>
<tr>
<td>Training on Financial Management</td>
<td>NPMU and all SPMUs</td>
<td>April 2012</td>
</tr>
<tr>
<td>Final Version of the Community FM Manual</td>
<td>NPMU</td>
<td>February 2012</td>
</tr>
<tr>
<td>A standard SOE/UC format (as part of the Community FM Manual)</td>
<td>NPMU and all SPMUs</td>
<td>February 2012</td>
</tr>
<tr>
<td>Receipt of the balance of the State Share for the project for the current FY</td>
<td>West Bengal SPMU; Gujarat SPMU</td>
<td>March 2012</td>
</tr>
</tbody>
</table>
1. **General:** This is the second implementation support mission, the NPMU and SPMUs have concluded contracts for several packages (of a total value of around US$40 million), and initiated procurement for several other packages (with estimated value of US$50 million).

2. **Procurement Plan:** The NPMU and the SPMUs have shared the updated procurement plans (PPs) during the mission. The mission requested NPMU to consolidate, check for consistency and adherence minimum stipulated time standards as per the project’s procurement manual, finalize and submit the revised PPs for no-objection. NPMU will submit the final revised PPs by January 30, 2012. Once reviewed and agreed by the World Bank, the NPMU and SPMUs will publish these revised PPs in their respective websites replacing the older version of PPs. The mission appreciates efforts of the NPMU and the SPMUs in preparing and revising the Procurement Activity Schedules (PAS) and for agreement to closely monitor progress of the project based on these PASs. The performance of the consultants retained for providing procurement and financial management support (PFM Support Consultants) should be assessed based on the how the entire set of procurements carried out in comparison to the PAS. The current progress, and the planned procurement for next 12 months is given below:

<table>
<thead>
<tr>
<th>Category</th>
<th>[Only NCB/ICB]</th>
<th>Awarded</th>
<th>In progress</th>
<th>In next 12 months</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>No of Contracts</td>
<td>Value (US$ million)</td>
<td>No of Contracts</td>
<td>Value (US$ million)</td>
</tr>
<tr>
<td>NPMU (SICOM)</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Works</td>
<td>3</td>
<td>9.62</td>
<td>5</td>
<td>7.21</td>
</tr>
<tr>
<td>Goods</td>
<td>2</td>
<td>0.07</td>
<td>2</td>
<td>0.44</td>
</tr>
<tr>
<td>Consulting Services</td>
<td>3</td>
<td>0.75</td>
<td>1</td>
<td>0.78</td>
</tr>
<tr>
<td>SPMU, Gujarat</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Works</td>
<td>5</td>
<td>9.40</td>
<td>23</td>
<td>18.54</td>
</tr>
<tr>
<td>Goods</td>
<td>41</td>
<td>0.49</td>
<td>16</td>
<td>3.11</td>
</tr>
<tr>
<td>Consulting Services</td>
<td>6</td>
<td>1.33</td>
<td>18</td>
<td>2.15</td>
</tr>
<tr>
<td>SPMU, Odisha</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Works</td>
<td>12</td>
<td>2.50</td>
<td>13</td>
<td>2.40</td>
</tr>
<tr>
<td>Goods</td>
<td>32</td>
<td>0.98</td>
<td>30</td>
<td>3.90</td>
</tr>
<tr>
<td>Consulting Services</td>
<td>9</td>
<td>2.12</td>
<td>12</td>
<td>2.80</td>
</tr>
<tr>
<td>SPMU, West Bengal</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Works</td>
<td>1</td>
<td>7.29</td>
<td>4</td>
<td>6.55</td>
</tr>
<tr>
<td>Goods</td>
<td>15</td>
<td>1.00</td>
<td>0</td>
<td>0.00</td>
</tr>
<tr>
<td>Consulting Services</td>
<td>3</td>
<td>0.84</td>
<td>2</td>
<td>1.43</td>
</tr>
</tbody>
</table>

3. **Procurement of Civil Works:** The following major contracts were awarded: (i) Aerial Photography; (ii) Remodelling of Wetland Research & Training Centre and (iii) Construction of Underground Sewer Collection System with House Connections in the City of Jamnagar, (iv) Construction of 13 Cyclone shelters in Odisha and (v) 100 % Household Electrification in the Sagar Island. Currently, procurement is in progress in 45 packages; and the planned procurement for next 12 months is another 95 packages. The NPMU should closely monitor these as procurement of works is critical.

4. **Procurement of Equipment and Goods:** Major awarded goods contracts included procurement Scientific Instruments for Calcutta University. Currently, procurement is in progress in 48 packages; and the planned procurement for next 12 months is 162 packages. The NPMU should closely monitor procurement of goods on Odisha and Gujarat, as procurement of goods in these states is critical.
5. **Consultancy and other Services**: There is considerable progress in hiring PFMC, internal audit, external audit and PMC services. NPMU and all 3 SPMUs should closely monitor selection of consultants during next six months.

6. **Procurement Capacity Building**: The World Bank Procurement Specialist conducted procurement workshop for one day as part of mission in NPMU. The PFMCs have conducted Procurement Workshops for PEAs in all three states. The PFMCs should conduct at least two more such trainings in the next six months. However, the performance of the PFMCs has not been up to expectation. The NPMU and the SPMUs should ensure PFMC Procurement Specialists deployed in the project have experience in World Bank financed projects and they should attend training in ASCI/NIFM (such training should be wholly financed by the consultants). In addition, the performance of the NPMU’s own procurement sub-cell has been less than satisfactory.

7. **Complaint Handling**: There is only one outstanding complaint in the West Bengal SPMU; and this is expected to be closed soon as the SPMU has provided all clarifications to the World Bank. The NPMU and the 3 SPMUs all are using variations of procurement MIS; but only the Odisha SPMU has developed an online automated procurement complaint handling system. The NPMU and the other SPMUs agreed to replicate the same by March 2012.

8. **Disclosure Management**: Disclosure of procurement information has improved substantially compared to the status during the last mission in May-June 2011. The mission appreciates the efforts of the Odisha SPMU in creating the best procurement webpage among the 4 implementing agencies. The NPMU and the SPMUs agreed that they will monitor closely that the project is ensuring full disclosure at any point of time during project implementation. The summary is given below; the table shows the current status compared to status in May-June 2011 (in brackets):

<table>
<thead>
<tr>
<th>Disclosure Agreed in the Project website</th>
<th>NPMU (SICOM)</th>
<th>SPMU, Gujarat</th>
<th>SPMU, Odisha</th>
<th>SPMU, W. Bengal</th>
</tr>
</thead>
<tbody>
<tr>
<td>Procurement plan and updates</td>
<td>Yes (No)</td>
<td>Yes (No)</td>
<td>Yes (No)</td>
<td>Yes (No)</td>
</tr>
<tr>
<td>Specification for goods and equipments as soon as these are prepared</td>
<td>Yes (No)</td>
<td>Yes (No)</td>
<td>Yes (No)</td>
<td>Yes (No)</td>
</tr>
<tr>
<td>Invitation for bids for goods and works for all ICB and NCB contracts</td>
<td>Yes (Yes)</td>
<td>Yes (Yes)</td>
<td>Yes (Yes)</td>
<td>Yes (Yes)</td>
</tr>
<tr>
<td>Request for expression of interest for selection/hiring of consulting services</td>
<td>Yes (Yes)</td>
<td>Yes (Yes)</td>
<td>Yes (Yes)</td>
<td>Yes (Yes)</td>
</tr>
<tr>
<td>Contract awards of goods and works procured following ICB/NCB procedures</td>
<td>Yes (No)</td>
<td>Yes (No)</td>
<td>Yes (No)</td>
<td>Yes (No)</td>
</tr>
<tr>
<td>List of contracts/purchase orders using shopping procedure on a quarterly basis</td>
<td>Yes (No)</td>
<td>Yes (No)</td>
<td>Yes (No)</td>
<td>Yes (No)</td>
</tr>
<tr>
<td>Short list of consultants</td>
<td>Yes (No)</td>
<td>Yes (No)</td>
<td>Yes (No)</td>
<td>NA Yet (No)</td>
</tr>
<tr>
<td>Contract award of all consultancy services</td>
<td>Yes (No)</td>
<td>Yes (No)</td>
<td>Yes (No)</td>
<td>Yes (No)</td>
</tr>
<tr>
<td>Brief description of activity and amount sanctioned for CBOs using community contracting method</td>
<td>NA (No)</td>
<td>No (No)</td>
<td>Yes (No)</td>
<td>NA Yet (No)</td>
</tr>
<tr>
<td>Brief description of activity and amount sanctioned using force account, as well as the details of expenditure for such force account activity after completion of the activity</td>
<td>NA (No)</td>
<td>No (No)</td>
<td>Yes (No)</td>
<td>NA (No)</td>
</tr>
<tr>
<td>List of contracts following DC or CQS or SSS on a quarterly basis</td>
<td>NA Yet (No)</td>
<td>Yes (No)</td>
<td>Yes (No)</td>
<td>Yes (No)</td>
</tr>
<tr>
<td>Action taken report on the complaints received on a half yearly basis</td>
<td>NA Yet (No)</td>
<td>Yes (No)</td>
<td>Yes (No)</td>
<td>Yes (No)</td>
</tr>
</tbody>
</table>
9. **Procurement Post Review**: World Bank organized procurement post-review for FY12. The Draft report of the procurement pot-review for FY 12 has been shared with NPMU and SPMU, West Bengal for comments.

10. **Contract Management**: The mission discussed contract management issues with the national and State Project Directors. As agreed during the last mission, the Procurement officers of NPMU/SPMUs had ensured a Contract Manager is nominated for most of the newer contracts and the same is incorporated in the contract documents. Whether this is done for 100% of the contracts will be verified during next mission.

11. Review and updating the Procurement Risks identified during preparation:

<table>
<thead>
<tr>
<th>Risk Factor</th>
<th>Mitigation Measure</th>
<th>Current Status</th>
</tr>
</thead>
<tbody>
<tr>
<td>Record keeping and documentation</td>
<td>At the beginning of the project a brief overview of the documents to be maintained and filed would be discussed with NPMU/SPMU. Subsequently during project implementation, the record keeping and documentation regarding procurement shall be monitored. The project has prepared a procurement manual addressing these issues.</td>
<td>The filling system is satisfactory.</td>
</tr>
<tr>
<td>Inadequate understanding of proc. procedures</td>
<td>Use of the Procurement Support Consultants (as part of the firms procured to provide financial management and procurement support) to NPMU and SPMUs.</td>
<td>NPMU and all 3 SPMUs have hired PFMCs.</td>
</tr>
<tr>
<td>No uniform procurement procedures and SBDs</td>
<td>World Bank Procurement Guidelines, SBDs will be used by all the implementing agencies to have uniformity in procurement under the project. Project will prepare and use of Procurement Manual.</td>
<td>Complied with.</td>
</tr>
<tr>
<td>Inefficiencies and delays in procurement process</td>
<td>Time line to finalize the tenders/selections has been specified in the Procurement Manual.</td>
<td>There are delays. NPMU needs to monitor and guide.</td>
</tr>
<tr>
<td></td>
<td>Creation of NPMU and SPMUs as autonomous societies with adequate delegation of powers.</td>
<td>Complied with.</td>
</tr>
<tr>
<td>Insufficient competition in procurement</td>
<td>Publishing the GPN close to project launch in the regional and national newspapers.</td>
<td>Not yet complied. Given that numerous SPNs have been published now; it is probably of not much value now. GPN was published in UNDB and DgMarket in 2010.</td>
</tr>
<tr>
<td></td>
<td>Development of website for NPMU and SPMUs.</td>
<td>Complied with</td>
</tr>
<tr>
<td></td>
<td>Publishing all SPNs in the project website in addition to a national newspaper.</td>
<td>Complied with</td>
</tr>
<tr>
<td></td>
<td>Building-up the cost database.</td>
<td>Complied with</td>
</tr>
<tr>
<td></td>
<td>Publishing procurement Plan and specifications of equipments in the website early.</td>
<td>Not yet complied; this will take at least 3 more months, expected to be fully compliant by June 2012.</td>
</tr>
<tr>
<td></td>
<td>Agreement to disclose all contract awards of NCB in the NPMU and SPMU websites.</td>
<td>Complied with</td>
</tr>
<tr>
<td></td>
<td>Publishing list of purchase orders/contracts placed using shopping procedure every month in the NPMU and SPMU websites.</td>
<td>Complied with</td>
</tr>
<tr>
<td>Risk Factor</td>
<td>Mitigation Measure</td>
<td>Current Status</td>
</tr>
<tr>
<td>---------------------------------------------------------------------------</td>
<td>-----------------------------------------------------------------------------------</td>
<td>--------------------------------------------------------------------------------</td>
</tr>
<tr>
<td>Contract management</td>
<td>Pre-dispatch and post dispatch inspections will be undertaken.</td>
<td>Complied with in-house expertise (no inspection agent has been appointed).</td>
</tr>
<tr>
<td></td>
<td>A quarterly report of all the ongoing contracts: a detailed status report including contract management issues such as delays, payments, etc will be submitted to the NPMU Project Director for review (also submitted to the World Bank).</td>
<td>Not yet complied. NPMU will do this on behalf of all implementing agencies and PEAs. First such report shall be available by May 2012.</td>
</tr>
<tr>
<td>Probability of staff handling procurements being transferred</td>
<td>Transfer of Procurement staff after they have undergone training is a possibility. MOEF, NPMU and SPMUs will endeavour that the trained procurement staff will normally not be transferred during the project’s life.</td>
<td>No issues so far.</td>
</tr>
<tr>
<td>Fraud and corruption risks (including collusion and outside interference) in contracting process</td>
<td>Measures to improve competition such as broad technical specifications, realistic post qualification criteria, appropriate contract packaging. Better disclosure, complaint Handling, MIS, documentation. Training in detecting fraud and corruption indicators to NPMU/SPMUs staff by hiring a consultant with requisite skills by the NPMU.</td>
<td>There are two complaints. Under review, and a systematic assessment will be done during the next mission. No issues so far. Not yet complied with. World Bank will organize this course during FY12.</td>
</tr>
<tr>
<td>Weak complaint redress mechanism</td>
<td>A complaint handling mechanism has been specified in the procurement manual.</td>
<td>Complied with.</td>
</tr>
<tr>
<td></td>
<td>A Half yearly report of all complaints received and action taken will be submitted to the NPMU Project Director for review (also submitted to the World Bank). This will also be published in the project website.</td>
<td>Not yet complied, except for the Odisha SPMU.</td>
</tr>
<tr>
<td>Corruption in procurement</td>
<td>Disclosure of contract opportunities, contract award decisions, internal/external procurement and financial audits</td>
<td>Complied with.</td>
</tr>
</tbody>
</table>

12. **List of Key Actions to be taken in next 6 months**: Procurement in the next 6 months is critical to the success of the project. The NPMU and the 3 SPMUs have prepared a draft revised Procurement Activity Schedule for the next 12 months with an aim to complete procurement of all major works, goods and consultancies by June 2012. This will be finalized and submitted to the Bank for no-objection latest by February 2012.

13. The important actions include: (i) to augment the procurement cell at the NPMU with recruitment of 1 or 2 experienced senior procurement specialists; (ii) to regularly monitor intermediate steps of the procurement process for all Goods and works and ensure award by June 2012 as per the revised procurement activity schedule; NPMU will conduct monthly review meetings with SPMUs to monitor progress starting from February 2012; (iii) the National and State Project Directors will review progress and performance of the respective procurement cells and the PFM support consultants every month to ensure that there are no further slippages; (iv) to ensure all the agreed disclosures are made as per disclosure framework; (v) to replicate the online procurement complaint handling and Procurement MIS developed in-house in Odisha SPMU at the other SPMUs and at NPMU; and (vi) to ensure compliance with the balance procurement risk mitigation measures agreed during project preparation.
14. Procurement performance during the period of review has been rated as Moderately Satisfactory. The above assessment is based on (i) overall delays in procurement of goods and works, and (ii) the issue of most PEA s not adhering to the timeline agreed to finalize technical specifications as per the procurement activity schedule/manual; and (iii) the issue of NPMU/SPMUs not adhering to the timeline agreed to finalize the tenders as per the procurement activity schedule. The roadmap for upgrading rating for performance in procurement management will be based on completing the actions listed above.
Disbursement

1. Slow disbursement is the most significant issue for the project at present. The Government of India (Ministry of Finance, Department of Economic Affairs; and the Ministry of Environment and Forests) and the State Governments of Gujarat, Odisha and West Bengal have all keen to see that the rate of disbursement increases, and the project is implemented in time.

2. The expected disbursement, as per original projection in June 2010 should have been US$ 24.75 million at the end of September 2011. The reimbursement claim for the quarter ending September 2011 is US$2.3 million. Including this reimbursement, the overall disbursement by the end of September 2011 will be US$16.7 million – a shortfall of US$8 million compared to the original projection. This is expected to worsen by June 2012, where the disbursement shortfall could be a minimum of US$ 13 million or a maximum of US$ 25 million. It is in this background the SICOM and all the three SPMUs (along with their PEAs) have to take all measures to speed up implementation.

Acceleration of Activities implemented through Community Groups

3. There are several activities in the project, such as activities involving community organizations. Nearly 500 separate discrete activities are to be implemented through a variety of community groups. These have started slowly; and the need now is to speed up. Some of these cases to accelerate implementation of SHG/CBO/EDC/NGO oriented activities have been described in detail in Annex 2 of this Aide Memoire.

Major Procurement Issue: Recurring Rebidding

4. One of the major reasons that disbursement is slow is the slow progress on procurement of goods, works and consulting services. Procurement is slow due, again, to a variety of reasons. Prominent among these is the issue of regular rebidding due to absence of competition or due to all bidders being non-responsive. While, a number of lessons has been learnt from the earlier cases of rebidding, the low capacity of bidders and the tendency to submit incomplete bids will remain an issue; and will need constant proactive management by the procurement cells of the SICOM and the SPMUs.

5. SPMUs will organize workshops to reflect on the learning from earlier cases of failure of procurement process. Tentatively, these learning include: (i) advertising in newspapers alone is not enough; potential suppliers, contractors and consultants need to be contacted and encouraged to bid; (ii) SICOM and SPMU with help from PEAs needs to develop a roster of suppliers and consultants, to be engaged in consultation during early preparation of technical specifications; (iii) all technical specifications should be published early, so as to be able to avoid criticism of being restrictive; (iv) all PEAs should have adequate background studies completed before finalizing technical specifications for both goods and works contracts; (iv) for purchase of equipment, PEAs should confirm that they have a list of potential suppliers who will be interested to bid; (v) pre-bid conference should be used to clarify what a “complete bid” means; (vi) a general list of reasons why bids are found non-responsive – often procedural, and sometimes not valued by bidders because of lack of familiarity – should be prepared; and supplied to potential bidders as a guide to avoid making these mistakes. Gujarat SPMU is taking a lead in organizing meetings and workshops (and will organize a national workshop, too) to discuss and agree on ways to minimize chances of rebidding.
6. **Issue: Internal Delays.** However, in a number of cases – covering goods, works and consultancies – the delay had been internal, and could have been avoided. Preparation of bid documents take a lot of time (not justified except for the first or second time such documents are prepared). Significantly disproportionate time is spent in evaluation of bids; and to-and-fro file movement. Bid evaluation committees are not set up in advance, not is the date of meeting for such committees determined well in advance. Even after receiving no-objection from the World Bank, substantial time is spent in awarding the contracts. The procurement officers and the PFMC consultants appear to have failed to understand the urgency of the activities, and sometimes seem to be engaging in trivial discourse which is not in explicit conformity with the Project’s Procurement Manual.

7. It is also understood that the Procurement Plan and Schedule earlier accepted had a lot of built-in slack. While some slack was built into the Procurement Schedule consciously (given that some contracts are relatively more complex, and takes time; and on the average the slack takes care of the difficult contracts), the PFMC consultants and the Procurement Officers seem to take the Procurement Schedule as the guiding time, and do not try to finish jobs even when it is possible. The SICOM and the SPMUs will encourage the Procurement Officers and the PFMC consultants to complete their work sufficiently ahead of schedule.

**Revision in Procurement Schedule: Minimize Slack and Target Award by June 2012**

8. **All awards to be targeted before June 2011.** The SICOM, the SPMUs and the World Bank agreed that for almost all contracts, procurement schedule needs to be tightened such that all these contracts can be awarded by June 2012. The World Bank also opined that no contract award should be allowed after September 2012 (if the award is delayed as such, it is inconceivable how the works will be completed, and the outcomes will be achieved during the project implementation period). The performance of the PFMC consultants and the Procurement Officers will be closely monitored based on this revised Procurement Schedule.

9. The SICOM and all there SPMUs have shared a draft of the revised Procurement Plan and Schedule in December 2011. The Bank has requested the SICOM to finally check if the schedule proposed for all of the individual line items are in conformity to the Procurement Manual for the Project. Once this check is done, expected to be completed in January 2012, the revised Procurement Plan and Procurement Schedule will be accepted and frozen (and will be used to monitor performance of all concerned).

10. **Exceptions to the idea of completing award by June 2011:** The following is a list of procurement - of goods, works and consulting services - that cannot, and in some cases (such as consulting services for preparation of ICZM Plans) should not be awarded before June 2012.

    a. **National Component**
       i. Consultancy Services: (a) special consultancies as per the procurement plan (b) special consultancies for NCSCM
       ii. Works: (a) building for the NCSCM; (b) hazard line pillars by SOI; (c) all work packages for Dandi GANDHI project; (d) second and third year community contract packages for Vedaranyam
       iii. Goods: (a) all non-first year packages for NCSCM; (b) all packages for NCSCM Partner Institutes
    b. **Gujarat Component**
       i. Consultancy Services: (a) preparation of ICZM Plan including shoreline management plan; (b) other special consultancies
       ii. Works: (a) All works related to coral transplantation; (b) PPP for MRCI
c. Odisha Component
i. Consultancy Services: (a) preparation of ICZM Plan including shoreline management plan; (b) other special consultancies; (c) phase-II of regional coastal process study
ii. Works: (a) environmental improvement of Ganjam Fort; (b) chemical restoration of 7 cultural heritage buildings; (c) building for coir training centre; (d) interior and display works of the interpretation centres at Gupti and Rajnagar; (e) PPP for solid waste management at Paradip.

d. West Bengal Component
i. Consultancy Services: (a) preparation of ICZM Plan including shoreline management plan; (b) other special consultancies;
ii. Works: (a) all 8 packages of ecotourism activities at Sagar Island; (b) all 32 packages of cyclone shelters; (c) all 4 packages for Digha-Shankarpur beachfront development
iii. Goods: (a) all 3 packages of goods for ecotourism activities at Sagar Island; (b) all laboratory goods for the PHED.

11. The SICOM and the SPMUs will organize monthly review meetings to see all procurements planned to be awarded by June 2012 are proceeding well.

Projected Disbursement Performance

12. Current Disbursement Lag is near 3 months; given the slow progress (mainly due to the cases of rebidding) of procurement of major works and goods, it is likely that disbursement will worsen by June 2012, and be around 6 months. The NPMU and the SPMUs are undertaking additional efforts to speed up procurement with an aim that all major works and goods package will be awarded by June 2012. Even with this disbursement will be back on track only by September 2012 (to be claimed by November 2012), and will be reflected in the disbursement profile by around December 2012.

<table>
<thead>
<tr>
<th>Estimated Disbursement (USD m)</th>
<th>Up to FY12-Q2</th>
<th>FY12-Q3</th>
<th>FY12-Q4</th>
<th>FY13-Q1</th>
<th>FY13-Q2</th>
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<tbody>
<tr>
<td>Expected Expenditure (INR Cr) – Confirmed in the Current Mission</td>
<td>Total (INR Cr)</td>
<td>41.0</td>
<td>34.0</td>
<td>98.0</td>
<td>108.0</td>
</tr>
<tr>
<td>Gujarat</td>
<td>16.0</td>
<td>5.0</td>
<td>42.0</td>
<td>26.0</td>
<td>33.0</td>
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<tr>
<td>Odisha</td>
<td>5.0</td>
<td>20.0</td>
<td>26.0</td>
<td>22.0</td>
<td>27.0</td>
</tr>
<tr>
<td>West Bengal</td>
<td>10.0</td>
<td>2.0</td>
<td>10.0</td>
<td>31.0</td>
<td>48.0</td>
</tr>
<tr>
<td>National</td>
<td>10.0</td>
<td>7.0</td>
<td>12.0</td>
<td>29.0</td>
<td>34.0</td>
</tr>
<tr>
<td>Expected Disbursement (@77.7%) USD m</td>
<td>16.6</td>
<td>5.2</td>
<td>15.2</td>
<td>16.7</td>
<td>22.1</td>
</tr>
<tr>
<td>Anticipated Disbursement Lag (US$ million)</td>
<td>- 9.2</td>
<td>- 8.0</td>
<td>- 0.9</td>
<td>- 2.4</td>
<td>+ 9.6</td>
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<td>[3A] ICZM plan for the stretches of Gopalpur-Chilika and Paradeep-Dhamra</td>
<td>1. The project has initiated a number of communication activities to gradually build awareness about integrated management plan. 2. SPMU has organized several multi-stakeholder workshops to create awareness about objectives of ICZM. 3. The RFP for ICZM Plan is not expected until mid-2011. SPMU is collecting all information and stakeholder views which should be useful in formulating the ToR.</td>
<td>1. Support the Gujarat SPMU to establish forum to coordinate discussion on the ToR for preparation of ICZM Plan. 2. Nil 3. By Jan, 2012, a formal process for finalizing ToR for ICZM plan should start; and all inputs from the progress of preparation of the regional coastal process study and the proposed shoreline management plan should be provided by Odisha SPMU</td>
<td>1. No specific additional progress so far, but the experience gained in preparation for the regional coastal process study will be shared with SICOM/SPMUs 2. N/A 3. A formal process for finalising the ToR for ICZM Plan would be initiated based on the outputs of ICZM workshop. All inputs from the progress of preparation of the regional coastal process study will be provided by SPMU, Odisha by April 2012.</td>
<td>1. A brief document listing the main learning should be prepared and shared with SICOM/SPMUs by April 2012. 2. Nil. 3. A workshop will be organized in March, 2012, focusing on the need for defining objectives of (i) shoreline management plan, and (ii) ICZM plan. Recommendations should be reported in concise form to all SPMUs and SICOM by April 2012.</td>
<td>1. A brief document listing the main learning will be prepared and shared with SICOM/SPMUs by June, 2012 2. NIL 3. A National Workshop on ICZM planning process was organized from 16th to 17th March, 2012 in collaboration with NCSCM, focused on development of a Frame work for ICZM planning. Recommendations in form of a draft “Frame work” would be shared with all SPMUs and SICOM by July, 2012</td>
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<td>3B-1</td>
<td>Capacity building of the Department of Forest and Environment (Orissa SCZMA)</td>
<td>1. The SPMU has been already designated as the secretariat of the State Coastal Zone Management Authority. A minimum infrastructure has been created.</td>
<td>1. SPMU should prepare a brief estimate of the workload related to the work as the secretariat to the SCZMA, and if required seek to additional resources, particularly for supporting decision-making by SCZMA and for dissemination of the SCZMA decisions; by March 2012; and included in the next year’s annual action plan.</td>
<td>1. The Secretariat of Orissa SCZMA is established at SPMU Orissa. The DoFE has been requested to develop a proposal indicating workload and additional resources including human resource requirements for this Secretariat. Expected to be ready by April 2012.</td>
<td>1. Steps have been taken to acquire more space for setting up of the Secretariat of SCZMA at SPMU. A detail programme for capacity building of the Forest and Environment Department would be shared with SICOM and World Bank by July 2012</td>
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<td>2. No other specific progress has been made on the issue of capacity building of the Forest and Environment</td>
<td>2. A detailed proposal for capacity building of the Forest and Environment Department, based on the state capacity building plan prepared by the XIM, Bhubaneswar, should be shared</td>
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<td>3B-2</td>
<td>Capacity building of the Orissa State Pollution Control Board (OSPCB) for monitoring coastal water quality and environment</td>
<td>1. OSPCB undertook the preparatory activities.</td>
<td>1. Nil.</td>
<td>1. N/A</td>
<td>1. Nil</td>
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<td>2. OSPCB has established a project office (temporary until the Coastal management laboratory is in place) including its minimum facilities and office equipment; and deployed staff for the activity in February 2011.</td>
<td>2. OSPCB will need to prepare a recruitment plan and schedule and share with the World Bank by October 2011. Given that OSPCB suspects that there could be conflicts among the newly recruited staff in the Project (which will be sustained after closure of the Project) and the older OSPCB staff; and</td>
<td>2. Preparation of the recruitment plan was delayed by the unease and suspicion around the service conditions of older staff versus that for the newly recruited staff. This has been sorted out by State Government order of September 28, 2011. The retention of project staff, beyond project duration, will be guided by the regular</td>
<td>1. Nil</td>
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<td>2. OSPCB will need to prepare a recruitment plan and schedule and share with the World Bank by October 2011. Given that OSPCB suspects that there could be conflicts among the newly recruited staff in the Project (which will be sustained after closure of the Project) and the older OSPCB staff; and</td>
<td>2. A copy of the Government Order and the OSPCB Service Conditions should be shared with SPMU/SICOM/Bank by February 2012, sufficiently before the recruitment process is completed.</td>
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<td>2. OSPCB has established a project office (temporary until the Coastal management laboratory is in place) including its minimum facilities and office equipment; and deployed staff for the activity in February 2011.</td>
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3. Coastal Monitoring laboratory at Paradip: OSPCB has taken over by lease a site at the Paradip Town for the laboratory. This site, 1 acre, free of any claims and encumbrances is suitable for the laboratory. A consultancy for architectural design and construction supervision for the laboratory was awarded. Overall the consultancy is progressing well, and the bid documents for works contract is expected in July-August 2011. It is possible that the civil work will be completed by June 2012. Overall, the activity is on schedule.

4. Environmental Monitoring: OSPCB has started preparing an action plan. As part of this, World Bank recommends that OSPCB prepares a Human resources Plan taking each of these into consideration by March 2012 (or before the full recruitment drive is launched, if earlier).

3. Coastal Monitoring laboratory at Paradip: OSPCB will ensure that the new laboratory building will comply with all the environmental and pollution control norms; and should be able to demonstrate best practices in areas such as minimization of effluent discharge, solid waste management, chemicals and hazardous wastes management and disposal, handling of chemicals; solar passive architecture and generation of solar energy. SPMU and OSPCB will ensure that all procurement activities are on schedule, without further delay.

3. Coastal Monitoring laboratory at Paradip: All measures including compliance with the environmental and pollution control norms, in areas such as minimization of effluent discharge, SWM, chemicals and hazardous wastes management and disposal & handing of chemicals, solar passive architecture and generation of solar energy have been incorporated in the design and in the bid documents. Bids for civil work have been received and contract awarded. Bid documents for electrical and interior works are nearly ready and will be invited on schedule.

3. Nil. [OSPCB and their architectural consultants should ensure that the contractor completes the work in time. The procurement process for electrical works and interiors should be advanced such that the laboratory is available for effective use at the earliest.] Bank also agrees with the SPMU proposal to take up additional activities, including procurement of consultants, to avail a gold/platinum certification for this “green building”.

3. The contractor has been directed to follow the time schedule to complete the work and submit the revised work schedule with adding / modifying / preponing some activities so that the delays can be attuned. The documentation for the procurement process for electrical works and interiors is in progress. The bidding process for the same is expected to be initiated by July 2012 and the entire process is expected to be completed on schedule.

SPMU is taking step for commissioning the services of the consultants for facilitating the process of green certification.
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<td>plan for environmental monitoring of the coasts. This plan is expected to be finalized by March 2012.</td>
<td>the environmental monitoring action plan, OSPCB will specifically decide level of aggregation of monitoring data to be disseminated in its website. The action plan should also include how the large capability for data storage, collation and dissemination will be built.</td>
<td>acquisition, storage and retrieval - all important parts of environmental monitoring has been considered in design of the system. An action plan and protocol (see similar discussions for coastal waters monitoring for Gujarat) will be developed on schedule.</td>
<td>similar discussions for coastal waters monitoring for Gujarat) will be prepared and shared with SPMU/SICOM/NPMU by April 2012 (Note that this is not dependent on recruitment of staff).</td>
<td>has already been presented before the Bank by SPCB. However, the OSPCB are in touch with Gujarat SPCB and would be submitted by July 2012.</td>
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<td>5. OSPCB completed the entity level statutory audits up to 2008-09. It is expected that such audits for the OSPCB up to 2010-11 shall be completed by October, 2011.</td>
<td>5. Until such time that statutory entity level audits of OSPCB is not completed and updated, SPMU will transfer only such amount of money to the OSPCB bank account to service commitments of contracts already awarded under this Project.</td>
<td>5. OSPCB has completed the statutory audit up to 2009-10 by 30th November, 2011. Statutory audit for 2010-11 will be completed by February 2012.</td>
<td>5. Nil.(SPMU will now transfer money to the OSPCB “link account”, as per requirement of the activities undertaken by OSPCB)</td>
<td>5. Complied</td>
<td></td>
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<td>5. CDA had undertaken the preparatory activities.</td>
<td>1. Nil.</td>
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<td>Nine project staff has been recruited, and most already joined. For 3 other positions (Water resources Modeler; mathematical Modeler; and Analyst for Dolphin Research Electronics) the first round of recruitment failed to identify suitably qualified professionals, and a send recruitment process has been initiated.</td>
<td>2. Nil. However, if the second round of recruitment also fails, CDA and SPMU will need to prepare an alternative plan. As the instruments and equipment procured by WRTC cannot be put into substantial use in absence of these 3 professionals, CDA should always keep a back-up plan ready.</td>
<td>2. The following recruitment, in addition to the 9 positions reported in June 2011 is complete: 1 Project Fellow, 2 Project Scientists, 2 Project Assistants has been completed by October 2011; and the remaining 1 Project Assistant will be recruited by January 2012</td>
<td>2. Nil.</td>
<td></td>
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<td>Habitat Evaluation &amp; Monitoring of Avian Fauna in Chilika Lake:</td>
<td>3. Nil. However, with</td>
<td>3. The software and</td>
<td>3. Nil. [However, a timeframe by</td>
<td></td>
<td></td>
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<td>[3B-3] Capacity building of the Chilika Development Authority (CDA) for species and wetland research</td>
<td>1. N/A</td>
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<td>the procurement process is nearly over and the awarded to the consultants is expected early to mid-July 2011.</td>
<td></td>
<td>respect to all the 4 studies already launched or to be launched (and the other proposed studies in future), CDA will need to work out with all the consultants together the manner and schedule that the data collected by consultants is uploaded in the GIS by WRTC staff.</td>
<td>hardware to set up the GIS cell is already completed. Two Project Assistants (GIS) already recruited and once the data flow starts it would be imported into GIS platform for easy analysis and retrieval.</td>
<td>which data will be stored, analyzed and retrieved should be decided and these target dates need to be informed to all concerned including SPMU/SICOM/ Bank by June 2012.]</td>
<td>monitoring and avian disease surveillance with special emphasis for habitat management in Chilika Lake is in progress. The reports received from the consultant would be communicated to all concerned.</td>
</tr>
<tr>
<td>4. Study on Fish Ecology and Diversity: RFP for procurement of consultants is issued, and the final award is expected by end-August, 2011</td>
<td></td>
<td>4. Same as above.</td>
<td>4. Contract for fish ecology and diversity study has been signed with CIFRI, Kolkata and the study began in November 2011.</td>
<td>4. Intermediate results of the study should be regularly published in the SPMU/NPMU websites.</td>
<td>4. Agreement is signed with CIFRI, Kolkata. The inception workshop was conducted at Kolkata to develop strategy for smooth and effective implementation of the project. The inception report is submitted and the personnel are deployed and study has commenced.</td>
</tr>
<tr>
<td>5. Assessment of Macrophytes Biodiversity in and around Chilika: RFP to shortlisted consultants will be issued in July/August 2011, and award is expected by September 2011.</td>
<td></td>
<td>5. Same as above.</td>
<td>5. Contract has been awarded in Dec 2011 to the Regional Plant Resource Centre, Bhubaneswar.</td>
<td>5. Intermediate results of the study should be regularly published in the SPMU/NPMU websites.</td>
<td>5. Agreement has been signed with RPRC, BBSR and inception report submitted. The personnel are deployed in the field and the study commenced. The reports as and when received from the consultant would be communicated to all concerned.</td>
</tr>
<tr>
<td>6. Inventory of Benthic Faunal Assemblage: REOI issued. Award expected by Oct 2011.</td>
<td></td>
<td>6. Same as above.</td>
<td>6. Procurement process underway</td>
<td>6. This is delayed; and needs to be awarded latest by February 2012.</td>
<td>6. The RFP and the ToR is awaiting approval of the World Bank.</td>
</tr>
<tr>
<td>7. Strengthening the Wetland research and Training Centre (WRTC): For procurement of scientific instruments - bid received in May 2011. Bid</td>
<td></td>
<td>7. Strengthening of WRTC: WRTC should prepare an action plan for the entire research</td>
<td>7. Strengthening of WRTC: (i) a final action plan for the entire research program has not yet been prepared</td>
<td>7. Strengthening of WRTC: (i) [Same as June 2011] By June 2012, the WRTC should prepare an action plan for the</td>
<td>7. Strengthening of WRTC: Action plan for all the research programme is being prepared collectively</td>
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<td>evaluation going on. Similarly, bid evaluation for computers</td>
<td>program of the WRTC (including the ICZM Project funded</td>
<td>been finalized; (ii) civil</td>
<td>entire research program of the WRTC (to be financed from all</td>
<td>and would be submitted to the WB and SICOM by</td>
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<td>and hardware is under progress. Modeling software such as</td>
<td>activities and the activities funded by other</td>
<td>works and interior works</td>
<td>sources including this project) describing the research</td>
<td>June 2012. ii) As the first bidding attempt failed</td>
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<td>MIKE21, GIS platform (ArcGIS-10, ArcInfor, ArcView and 3D</td>
<td>activities funded by other sources including</td>
<td>for up gradation of the</td>
<td>objectives, the outputs, the schedule of delivery for next</td>
<td>so the rebidding was done and all the potential</td>
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<td>Analyst), and image processing software (ERDAS Imagine,</td>
<td>governments) describing the research</td>
<td>modeling</td>
<td>3-5 years. (ii) Nil. (iii) SPMU will take all actions to</td>
<td>bidders were informed and encouraged to participate.</td>
</tr>
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<td>Imagine Autosync and Imagine Deltacue) have been procured.</td>
<td>objectives, the outputs, the schedule of delivery</td>
<td>Cell, analytical</td>
<td>including contacting with potential bidders in and outside</td>
<td>As a result of which there was good response and</td>
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<td>Civil work contract for renovation and upgrading of the WRTC</td>
<td>for the period of next 3-</td>
<td>laboratory has been</td>
<td>India to ensure that the re-bidding process succeeds; and</td>
<td>the bid received were encouraging and the BER was</td>
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<td>laboratory has been awarded; and procurement process for</td>
<td>5 years. Such a plan</td>
<td>completed; contract has</td>
<td>the contracts are awarded by March 2012 at the latest.</td>
<td>communicated to Bank and with the Bank’s approval contract awarded to</td>
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<td>office equipment and office/laboratory facilities is going</td>
<td>should be shared with</td>
<td>been awarded for supply</td>
<td>the successful bidders for all major instruments.</td>
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<td>on. All activities are on schedule</td>
<td>the World Bank by</td>
<td>of computers and other</td>
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<td></td>
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<td>December 2011.</td>
<td>hardware, and the</td>
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<td>on schedule; major</td>
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<td>office equipment and</td>
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<td>office/laboratory facilities</td>
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<td>have been procured; (iii)</td>
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<td>procurement of scientific</td>
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<td>instruments is delayed</td>
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<td>procurement process;</td>
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<td>Additional:</td>
<td>Recently MOEF has declared that it will finance/support Odisha</td>
<td>program of the WRTC</td>
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<td>to set up (a) Centre of Excellence on Wetland Management</td>
<td>(including the ICZM Project</td>
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<td>and Training at a cost of Rs. 500 million; and (b) under the</td>
<td>funded activities and the</td>
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<td>Coastal Zone Management program, a centre for research on</td>
<td>activities funded by</td>
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<td>turtles. The SPMU and the Department of Environment and</td>
<td>other sources including</td>
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<td>Forests to consider combing all these proposals, and locate</td>
<td>governments) describing</td>
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<td>these new centers adjacent to WRTC instead of at Bhubaneswar</td>
<td>the research objectives, the</td>
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<td>such that a world-class facility (or a complex of facilities)</td>
<td>outputs, the schedule of delivery</td>
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<td>5 years. Such a plan</td>
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<td>should be shared with</td>
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<td>the World Bank by</td>
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<td>Additional Issue (1)</td>
<td>The Centre of Excellence on Wetland Management and Training: Although the suggestion from Bank has been discussed, a final decision has not been taken. The Centre of Excellence on Wetland Management and Training: Although the suggestion from Bank has been discussed, a final decision has not been taken.</td>
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<td>Additional Issue (1)</td>
<td>of the Centre of Excellence on Wetland Management and Training: Although the suggestion from Bank has been discussed, a final decision has not been taken. The Centre of Excellence on Wetland Management and Training: Although the suggestion from Bank has been discussed, a final decision has not been taken.</td>
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<td>Additional Issue (2)</td>
<td>The mission agreed that the current WRTC buildings should be retrofitted in the project to achieve a “gold” certification as a “green building”.</td>
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<td>Additional Issue (2)</td>
<td>of the Centre of Excellence on Wetland Management and Training: A final decision on location will be taken soon after formal clearance/sanction by MOEF.</td>
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<td>Additional Issue (3)</td>
<td>Steps should be initiated by the SPMU and the F &amp; E Dept. to Environment Department to take over the incomplete but large government building at Barkul; complete this as a “green building”, and use as a research facility of WRTC and/or the proposed Centre of Excellence.</td>
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<td>Additional Issue (3)</td>
<td>of the Centre of Excellence on Wetland Management and Training: The mission agreed that the current WRTC buildings should be retrofitted in the project to achieve a “gold” certification as a “green building”.</td>
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<td>Additional Issue (4)</td>
<td>The MoEF requested for certain compliances which are promptly submitted. The final decision is to be taken by the MoEF.</td>
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<td>Additional Issue (4)</td>
<td>A proposal is submitted to the WB for follow up of the capacity building workshop on “Sustainable design, implementation, management and LEED Certification of Green Building”, held in Dec, 2011 at Bhubaneswar. The first step for retrofitting of the WRTC building, the LEED professional would do the evaluation of the building based on analytics, and</td>
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<td>for research and training can be created in Odisha. SPMU with help from CDA will propose such an alternative to the Government of Odisha.</td>
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<td>The advantages would be: (i) saving of cost, (ii) need for land near the Chilika lake for a building will be avoided; (iii) avoidance of environmental impacts on the lake shore from dismantling of the large construction itself; (iii) CRZ 2011 permits use of such buildings for coastal research</td>
<td>recommend possible retrofits and renovation efforts necessary to obtain USGBC LEED Existing Buildings Operations &amp; Maintenance (EB-O&amp;M) Certification. They would do the analysis of the building and site energy usage to determine the baseline of current energy usage and building performance parameters. Modeling of building performance to investigate modifications to the building to determine if there are comfort improvements and energy savings to be realized through architectural changes to the building, or changes to the mechanical systems currently employed. Provide comments on renovation strategies for the building structure and enclosure fabrics to incorporate the changes recommended by the design study. This would help to move systematically for the LEED-EBOM certification. The RFP is issued to the shortlisted consultant. The contract would be awarded by July 2012.</td>
<td>Additional Issue (3): Discussion has taken place by the Env Dept. with the Water Resources Dept. (who constructed this building) to hand over it to CDA for developing it into the extension of the WRTC</td>
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<td>[3B-4] Regional Coastal Process Study by SPMU</td>
<td>1. SPMU has organized a 3 day national workshop and technical discussions at Bhubaneswar to finalize the specific objectives and scope of the assignment. It was decided that the assignment involves 3 distinct parts; (i) delineation of sediment cells along the Odisha coast, which will be done by NCSCM; (ii) collection and analyses of regional coastal processes data primary data collection by consultants to be procured and (iii) Preparation of a shoreline management plan through consultants and stakeholder discussions, which plan will then be an input to the preparation of ICZM Plans in the state.</td>
<td>1. Nil</td>
<td>1. Nil</td>
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<td>2. Initial discussion undertaken with NCSCM to hasten the process of delineation of sediment cells.</td>
<td>2. SPMU and SICOM should meet with NCSCM to finalize the schedule of delineation of sediment cells (including the geomorphological analysis at NCSCM, and the field investigations required to confirm the nature characterization and factors influencing the specific sediment cells in Odisha). NCSCM should be able to finalize and share such a schedule by October 2011. Based on the schedule (where the delineation of sediment cells and sub-cells on the eastern coast of Odisha)</td>
<td>2. (i) SPMU discussed with NCSCM to finalize the sediment cell and sub cell boundaries NCSCM input is delayed. (ii) The process of delineation of sediment cell is also delayed due to the uncertainty or procedural delay in purchase of satellite imageries (iii) the procurement of consultants for collecting primary data is in advanced stages of proposal evaluation and it is expected that the contract will be awarded in January 2012.</td>
<td>2. (i) Given that the NCSCM is not yet effectively functioning, delay is expected; and a schedule of delineation of sediment cells (including the geomorphological analysis at NCSCM, and the field investigations required to confirm the nature, characterization, and factors influencing the specific sediment cells in Odisha) be finalized and shared with SICOM/ Bank by June 2012. (ii) SPMU, SICOM and NCSCM should prepare a proposal for procuring satellite imageries and the appropriate method of procurement by February 2012 and complete such procurement by April 2012. (iii) The contract for collecting primary data should</td>
<td>2. (i) SPMU is in constant touch with NCSCM to finalize the sediment cell and sub cell boundaries. Steps are being taken to finalise the sediment cells and sub-cells. NCSCM, will share with SICOM and Bank by June, 2012. (ii) NCSCM has taken steps to procure the satellite imageries. (iii) The contract agreement for collecting primary data has been signed with INDOMER Coastal Hydraulics (P) ltd, Chennai in March, 2012. The inception report was reviewed and approved by the expert committee. The minute of the expert</td>
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<td>3. Terms of reference for primary data collection (by engagement of consultants) prepared. Depending on the progress of delineation of sediment cells by NCSCM, this RFP can be quickly used to initiate the process of procurement of consultants.</td>
<td>peninsular India should be the priority, SPMU should prepare a schedule of procurement of consultants</td>
<td>3. SPMU and ORSAC will together prepare a document which will describe (a) the process and scope of collection of secondary data (b) the process of setting up the needed GIS (c) process of modeling and technical analyses that will need to be undertaken and (iv) the schedule of all ORSAC activities, SPMU will share such a document or action plan with the bank by November 2011.</td>
<td>3. A Series of meetings with ORSAC have been initiated to figure out the modalities for following issues. Schedule of all ORSAC activities is being documented and would be shared with the Bank at the earliest.</td>
<td>3. [Same as June 2011] By March 2012, SPMU and ORSAC will together prepare a document and share with SICOM/Bank, which will describe (a) the process and scope of collection of secondary data (b) the process of setting up the needed GIS (c) process of modeling and technical analysis that will need to be undertaken and (iv) the schedule of all ORSAC activities.</td>
<td>3. [Same as June, 2011] By June, 2012, SPMU and ORSAC will together prepare a document and share with SICOM/Bank, which will describe (a) the process and scope of collection of secondary data (b) the process of setting up the needed GIS (c) process of modeling and technical analysis that will need to be undertaken and (iv) the schedule of all ORSAC activities.</td>
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**[3C-A1] Protection of aquatic wildlife by the Wildlife Department (WD)**

1. WD had undertaken the preparatory activities.
2. The proposed project staffs are in place.
3. Protection of Olive Ridley Turtles: Procurement of speed boats and trawler for the purpose of marine patrolling is complete. Procurement of tube wells and surveillance motorbikes, and equipment such as DGPS, GPS, Radar, Eco-sounder is progressing. Foundation stone for the interpretation centre at Gupti has been laid. Architectural design services consultancy has been awarded for designing Sea Turtle Interpretation and...
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<td>Research Centre at Gokaharkuda.</td>
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<td>Babubali, except that CRZ clearance document has been prepared; (b) actual design and operation of the interpretation centre at Gupti; (c) setting up of 2 permanent camps (except that CRZ clearance document has been prepared) and 33 temporary camps and tube wells (16 in Rajnagar, 8 in Chilika and 9 in Berhampur).</td>
<td>Protection activities initiated from Nov, 2011. Additionally, agreement reached for hiring of trawlers and sea-worthy vessels for the protection squads. (ii) Detailed design and bid documents for interpretation centre and museum are under preparation (including the design of the structure and the displays).</td>
<td>with SPMU/SICOM/Bank by April 2012. SPMU will contact Dr. P Roy, an expert with long experience of museology of natural history by January 2012, to advise WD on the designs of the displays.</td>
<td>inspection etc. Training for local boat operator will be completed before onset of Monsoon and will be shared. (ii) The consultancy for conceptualization of the interpretation center is awarded to Dr. P Ray, an expert of museology, by SPMU. For equipment (DGPS/GPS etc.) bidding process is in progress. Consultant has been engaged and preparation of drawing, designing and estimates for interpretation centre at Debendra Narayanpur and Gokharkuda has been initiated. Bidding process is on for Monitoring Centre, Babubali: Permanent camp shed, Dobandhi and Chinchiri.</td>
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4. Protection of Estuarine Crocodile: No specific progress has been made on activities such as (i) redesigning and reconstruction of the hatchery and rearing complex Dangamal; (ii) establishment and operation of the river protection squads for Bhitarkanika. | 4. Protection of Estuarine Crocodile: A separate detailed action plan will be prepared by the WD by September 2011, so that the major activities all can start by December 2011. | 4. Protection of Estuarine Crocodile: (i) Design estimates and bid documents for the hatchery and rearing complex at Dangamal has been prepared; procurement process to be initiated. (ii) Initial steps have been discussed for the river protection squads for Bhitarkanika; and activities are expected to commence. | 4. Protection of Estuarine Crocodile: (i) The actual work for the hatchery and rearing complex Dangamal should be started as early as possible, such that the entire work is completed in CY2012. (ii) The exact details of the plan to mobilize and operationalize the river protection squads should be shared with SPMU/SICOM/Bank by March 2012. | 4. Protection of Estuarine Crocodile: Architect consultant has already submitted drawing design and estimation for the Lab at Dangamal. Rebidding process is completed and is under evaluation. Steps have been taken to prepare a plan for capacity building of PEAs and research scholars and plan for research protocols. Contract has been awarded to a new architect consultant on 14th February 2012 for...
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<td>5. Awareness Camps, field visits and communication: No specific progress.</td>
<td>5. Awareness Camps, field visits and communication: A separate detailed action plan will be prepared by the WD by September 2011, so that the major activities all can start by December 2011.</td>
<td>5. Awareness Camps, field visits and communication: WD has started preparation of a plan for capacity building of PEA's and research scholars; and preparation of a Research Protocol. (ii) WD is preparing a detail plan for communication of ICZM theme, protection of coastal resources, community Capacity building.</td>
<td>5. Awareness Camps, field visits and communication: [Same as June 2012] a separate detailed action plan will be prepared by the WD by March 2012, so that the major activities all can be completed by December 2012.</td>
<td></td>
<td>design, estimation, and supervision etc. A Consultant is engaged for preparation of detail plan for construction of Museum with due consideration to structural design, display and capacity building for Museum Management and expected to be completed by June 2012. The services of Dr. P Ray, an expert of museology, by SPMU for developing conceptual plan for the interpretation center including the theme and the design of the exhibits. The exact details of the plan to mobilise and operationalize the river protection squad will be made after procurement of the boats. 5. Awareness camps, field visit and communication: Steps has been taken by the PEA's to prepare a detail plan on above aspects giving due consideration to communication of ICZM theme, protection of coastal region, coastal resources understanding of coastal hazards, developing resilience against vulnerability to survive and protect the coast by gaining knowledge from strategically developed area/ community capacity building of local</td>
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<td>[3C-A2] Mangrove plantation by the Wildlife Department (WD)</td>
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<td>community and sharing of benefits and above all livelihood option proliferation. Detailed action plan will be prepared by WD by June 2012.</td>
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<td>1. Restoration of Mangroves: WD has identified 138ha of forest land and 30ha of community land for restoration plantation. Such sites had been surveyed in detail in Bhitarkanika. Mangrove nurseries have been established. Collection of seeds and hypocotyls from the Bhitarkanika national park and the Mahanadi Delta has started. Discussion is under progress to procure NIPA seedlings from the Sunderban Biosphere Authorities in West Bengal. The Government of Odisha has expressed an interest that the target of mangrove plantation should be larger than the currently planned 168ha.</td>
<td>Restoration of Mangroves: WD will prepare a clear document specifying how the mangrove restoration activity will be undertaken through community contracting. EDCs formed under the State’s applicable Joint Forest Management Resolution would be involved in execution of the activities. The EDCs should assure women’s participation. WD should complete these community contracting activities by October 2011.</td>
<td>Restoration of Mangrove: All EDCs are reconstituted as per the State’s JFM Resolution 2011, where appropriate considerations are there for gender balance, equity, operation of joint account. EDCs have identified 62ha of riverbank and 25ha of other land for mangrove plantation. Actual work yet to start.</td>
<td>Restoration of Mangrove: (i) The EDCs should start actual work for the identified (62ha + 25ha) land immediately. The WD should ensure that all other EDCs are formed/reconstituted, and the work on the remaining target areas (138ha + 30ha) should start before the monsoon of this current year. A status report should be submitted to SPMU/SICOM/Bank by June 2012. (ii) SPMU will identify all interested and experienced NGOs in the state who will be willing to undertake and manage an additional target (say 2000ha) for mangrove plantation through SHGs. This additional Mangrove plantation will be implemented directly by the SPMU though these contracted NGOs. A plan for this should be prepared and shared with Bank by May 2012.</td>
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<td>[3C-A3] Conservation of Archaeological Heritage by the Culture Department</td>
<td>1. Culture Department has undertaken preparatory activities. 2. No progress in staffing up. 3. Restoration and Conservation of 8 Heritage Properties. All properties have been identified. Detailed site assessment was carried out, and several community consultation sessions were organized at each site. Site plans have been prepared at each site. 4. Separately, a study was completed by LASA-INTACH. on (i) outline designs, drawings and plans for each of the 8 sites incorporating opportunities for livelihood enhancement for local</td>
<td>detailed action plan will be prepared by the WD by September 2011, so that the major activities all can start by December 2011.</td>
<td>Although several agencies have been contacted and discussions held, specific plan is unlikely to be available before February 2012.</td>
<td>making such that further delay is avoided. A detailed action plan will be prepared by the WD by March 2012, so that the major activities all can start by May 2012.</td>
<td>completed for Herbarium keeper and has joined in April 2012. Major activities for the development of Gene Bank, Herbarium and Mangrove atlas plan preparation for will be completed by July 2012.</td>
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1. The Department of Culture will, by September 2011, complete the recruitment process. 2. Recruitment of the 9 contract staff for the project was completed in Dec 2012, with a further delay of nearly 3 months. 3. All the newly recruited staff should undergo training (to be organized by SPMU on the field) as to the theme of conservation and livelihood improvement in ICZM, by May 2012. 4. The newly recruited contractual staffs are oriented on Principles of Conservation and they will also attend the training to be imparted to Stone Artisans on Conservation in June 2012. This will give them more information on conservation and livelihood. 5. Conservation Architect is engaged and estimation is for conservation work is completed. Site cleaning of two sites is completed and work will be started by June, 2012. The concept plan for peripheral development is completed and shared with World Bank for approval. 4. Preparatory workshop for Capacity building of Stone Artisans/ Temple Mason is done. Draft Strategy Plan...
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<td>communities; (ii) documentation on the traditional stone craft; and (iii) outline plan to improve the state museum at Bhubaneswar</td>
<td>craft involving the master masons, and targeted towards reviving the cultural tradition currently at risk should be made part of the Annual Action Plan for 2012-13. (ii) Plan prepared by the Department of Culture for revitalizing, improvement or scaling up the state museum to be shared with the World Bank.</td>
<td>discussing a plan for improvement of the State Museum (based on LASA-INTACH Report).</td>
<td>traditional stone craft involving the master masons, and targeted made part of the Annual Action Plan for 2012-13. (ii) To share with the Bank the final decision of the Culture Department for improvement of the State Museum. [Additional] The SPMU will discuss with the CS and the Finance department for allocation of an additional amount for improvement of the State Museum.</td>
<td>is prepared in consultation with Experts from ASI, OSA and Master Craftsmen of Odisha. The one month training/capacity building for the stone artisans is scheduled to be organised by end of June, 2012</td>
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[3C-A4] Shoreline Protection for Pentha by the Water Resources Department (WRD)

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<td>1. WRD completed the preparatory activities.</td>
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<td>1. Nil</td>
<td>1.Nil</td>
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<td>4. Bid document for civil works for construction of an approach road and the godown-cum-monitoring building was advertised. None of the bids received qualified for the work. Consequently, rebidding process was undertaken; and currently bids received are being evaluated.</td>
<td>4. WRD should ensure that bid evaluation is done in a manner that the work can be awarded at the earliest. The work will need to be monitored closely, as the schedule of completion of this work is closely linked to the next item of installation of the geo-tubes.</td>
<td>4. The work has been awarded, and the Contractor has started the execution of the work. Work is being monitored closely.</td>
<td>4. Nil [ Current close monitoring of the work of the contractor should continue]</td>
<td>4. Nil</td>
<td>4. Nil</td>
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<td>5. Procurement process for a consultancy to provide a detailed design and quality assurance services for installation of Geo-Tubes is under progress. Proposals</td>
<td>5. (i) WRD and SPMU should ensure that the consultancy is awarded as soon as possible. Consultants should be</td>
<td>5. (i) The consultancy has been awarded to IIT Chennai. Consultants have completed the proposed surveys, and</td>
<td>5. (i) SPMU should encourage the consultants to complete input to bid documents by early March 2012, such that the work can be procured in June</td>
<td>5. (i) (IIT-Madras) have submitted the final design and the Water Resource Department are scrutinizing the same</td>
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<td>are under evaluation.</td>
<td>asked to give proper attention to the objective of measuring performance of geo-tube installed including the instrumentation required to measure performance under field condition after installation. (ii) Installation of geo-tube will begin before monsoon of 2012</td>
<td>submitted a draft design for the geo-tube embankment. Final design and preparation of bid documents is awaited. (ii) SPMU and WRD will take all actions to ensure that the installation begins before monsoon of 2012 (iii) No specific progress , albeit (ii) SPMU and WRD will take all actions to ensure that the installation begins by September 2012. SPMU will prepare a status report by March 2012.</td>
<td>2012</td>
<td>(ii) The PEA (DoWR) would be impressed upon to take all actions to ensure that the bidding process is over within September 2012 and installation begins by October 2012, i.e. just after monsoon period. One draft implementation schedule is prepared and submitted for review. The status of the work is till date is as follows. &gt; Consultant submitted the draft Inception Report of the Project with a tentative drawing of the proposed embankment during November 2011. &gt; Review Committee discussed the proposal with Consultants and sought clarifications on certain points on 20th Dec 2011 &gt; In reply, Consultants submitted compliances to all queries on 17th Feb 2012 as well as submitted 3 alternative designs for discussion.</td>
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<td>3C-B1] Solid Waste Management for Paradip Municipality</td>
<td>1. Paradip Municipality completed the preparatory activities.</td>
<td>1. Nil.</td>
<td>1. N/A.</td>
<td>1. N/A.</td>
<td>(iii) WRD and Forest Department will together prepare a plan showing sequencing and scheduling of activities to complete the composite activity (geo-tube &amp; plantation) work in this year.</td>
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<td>(iii) DoWR and Forest Department will jointly prepare a plan showing sequencing and scheduling of activities to complete the composite activity (geo-tube &amp; plantation) work in this year. The plan shall be jointly prepared after getting the final design from the Consultants.</td>
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<td>(iii) The Consultants are again requested to clarify certain doubts in their answers and they are also requested to analyze the merits and demerits of all alternative designs and recommend the best alternative to be implemented.</td>
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<td>In response the, Consultants have submitted compliances to all queries on 26th March, 2012 and submitted two alternative designs for discussion. The committee sought clarification and IIT(M) have submitted the final report. The technical committee of DoWR is examining the same.</td>
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<td>the Paradip Town and the Paradip Port by the Paradip Municipality</td>
<td>2. Recruitment of contract staff is under progress. 3. Procurement of office equipment has started. 4. (i) A site for the engineered landfill was offered by the Paradip Port Trust. A site investigation determined that the site originally offered is not suitable; and a discussion was held with the Paradip Port Trust for an alternative site. The Chairman, Paradip Port Trust offered an alternative site of about 25ha, which was determined (ii) Procurement of a Transaction Advisory Consultancy, is under progress. The RFP was delayed to ensure that the issues related to land transfer is resolved before the RFP is issued.</td>
<td>2. Nil. 3. Nil. 4. (i) Paradip Municipality and the SPMU will share with the World Bank a copy of the formal order related to transfer of land. Paradip Municipality should move quickly to complete mutation in the official land records of the State. (ii) A transaction advisory needs to be procured as soon as possible. (iii) SPMU will conduct a site assessment and prepare a formal report that the land is free of any encumbrances by August 2011.</td>
<td>2. N/A. 3. N/A. 4. (i) The plot of 20 acre in village Bhitargarh is now selected for the engineered landfill. Land will be alienated to the Paradip Municipality after disposal of the petition before the High Court (by IDCO &amp; PPT both favoring the case of engineered landfill on this site). (ii) The transaction advisory consultants expected to be awarded in January 2012, and their work beginning February 2012. (iii) No progress.</td>
<td>2. N/A. 3. N/A. 4. (i) Given that the plot is now final, the Paradip Municipality and SPMU should endeavor that the land alienation is done well before June 2012. (ii) Procurement of the transaction advisory consultants should be completed in January; and the consultants should be encouraged to work at a faster pace such that the bidding process and the financial closure with the selected private sector partners are achievable by June 2012. (iii) [Same as June 2011] SPMU will conduct a site assessment and prepare a formal report that the land is free of any encumbrances by May 2012. (ii) Contract Awarded for Transaction advisory for SWM Project.</td>
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<td>[3C-C1] Livelihood Improvement</td>
<td>1. The Fisheries Department undertook preparatory activities.</td>
<td>1. Nil.</td>
<td>1. N/A</td>
<td>1. Nil</td>
<td>Branch. And the Nodal Officer is the authorised person of this account. The accounting software has been installed. 2. The recruitment of accountant is completed. 3. Nil. 4. (i) The H &amp; UD Dept., GoO has filed a requisition with Tahsildar, Kujanga for alienation of land within Paradeep Municipality. The matter is being expeditiously processed by the Revenue Authorities. (ii) Contract Awarded for Transaction advisory for SWM Project.</td>
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<td>Support for Fisher people</td>
<td>2. The Fisheries Department has created a separate and distinct ICZM Cell; started a system of regular reviews.</td>
<td>2. Nil.</td>
<td>2. N/A</td>
<td>2. Nil</td>
<td>2. Nil</td>
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<td>3. Village Stakeholder meetings have been organized in 26 (of the planned 80 villages), and with 221 SHGs (of the planned 600 SHGs) in fishing villages in the priority investment stretches. Capacity building training has been completed for 77 SHGs, and skill up gradation training has been completed for 16 SHGs. A total of 22 SHGs have been provided with an advance of Rs.50, 000 each.</td>
<td>3. Formal contract should be signed immediately with all SHGs, before any transfer of money to SHGs take place. In the event of the 22 SHGs that have received cheques of Rs.50, 000 as advance but yet not used the money; contract with them should be done immediately before these SHGs start using the money.</td>
<td>3. Contracts have been signed with 21 SHGs. There has been some delay in expenditure by SHGs due to delay in finalizing the Community Procurement Manual. Now with revised MOUs 9 as per agreed Community Procurement Manual) works by SHGs have started.</td>
<td>3. The processes established are all adequate now. However, the pace of implementation will need to increase. The Fisheries Department will ensure that of the 600 planned SHGs; at least 300 will start activities before June 2012, and all 600 by December 2012.</td>
<td>3. The process established is adequate now. The pace of implementation has already increased. As on Dec, 2011 funds have been released in favour of 253 SHGs and they have initiated activities. As observed by the WB the Fisheries Dept will facilitate activities in 300 SHG’s by June and 600SHG’s by Dec 2012.</td>
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<td>4. The activities that have been identified in consultation with the 221 SHGs include composite pisciculture (43 SHGs), scampi culture (9 SHGs), shrimp culture (1 SHG), fish seed rearing (4SHGs), sea bass culture (1 SHG), fish drying (96 SHGs), value addition through household level processing unit (3 SHGs), dairy and poultry (5 SHGs), and individual other activities (57 SHGs).</td>
<td>4. The selection of activities was through a process of consultation with SHGs. However, it is possible that with provision of training, and by means of the proposed exposure visits, the choice of activities by the SHGs will keep on changing. Ideally, in addition to supporting the SHGs with immediate livelihood enhancement, there should be some strategic content in the choice of activities. SHGs need to be organized (in</td>
<td>4. (i) Even if the SHGs themselves are selecting the activities; it is still possible to make them aware of strategic priorities. To that end, expertise from consultants should be used. A paper on the strategic priorities needs to be prepared and finalized by June 2012. (ii) State and national level exposure trips should begin by April 2012. (iii) The convergence attempted with TRUPTI is commendable. A paper needs to be prepared and shared with SICOM/World Bank by June 2012 about how the convergence and aim of federating will be completed.</td>
<td>4. Fishery Department With the help SPMU and (Exports &amp; specialist) assists the SHG’s to draw up a micro planning for their selected activities. The sub activities are chronologically prioritised so as to complete the activity in record time. A strategic priority to be finalised by June 12. (ii) Exposure visit to National level Institute has already started (CIFT, Vizag &amp;CIFA, and Bhubaneswar). Further momentum to be made from Feb itself. (iii) Convergence with TRUPTI has been initiated. A blue print on</td>
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<td>5.</td>
<td>The SPMU has now decided to recruit contract staff with suitable qualification in rural development and social work and locating them in the villages.</td>
<td>Fisheries Department will ensure that (a) priority will be to all women SHGs or SHGs where all members belong to vulnerable communities including scheduled tribe or scheduled castes; (b) further higher priority to all-women SHGs, where all members belong to vulnerable communities; (c) see that the bank account of the SHGs are operated by the president and secretary of the SHGs; (d) very strictly, no official of the government department should either have any executive position in the SHGs, nor should any government official should be involved in operating bank account of the SHGs.</td>
<td>the Department and SPMU is facilitating the SHGs to join the block level federation as promoted by TRUPTI.</td>
<td>5. Nil. These are all commendable. (a) Nil. (b) Nil. (c) Nil. (d) Nil. All these processes need to be continued.</td>
<td>modalities of convergence to the finalised &amp; with ultimate aim of evolving a Federation.</td>
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<td>6.</td>
<td>The Fisheries Department and the SPMU has participated in the consultation organized by Greenpeace India. Some of the</td>
<td>The recruitment of contract staff (filed coordinators and community</td>
<td>SPMU has recruited 14 staff (2 Community Coordinators and 12 Community Workers),</td>
<td>6. Most of Greenpeace India recommendations with respect to adoption of alternate livelihood has already found</td>
<td>6. Remaining planned recruitment will be completed by June 2012.</td>
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5. The SPMU has now decided to recruit contract staff with suitable qualification in rural development and social work and locating them in the villages.

5. Fisheries Department will ensure that:
   - (a) Priority will be to all women SHGs or SHGs where all members belong to vulnerable communities including scheduled tribe or scheduled castes.
   - (b) Further higher priority to all-women SHGs, where all members belong to vulnerable communities.
   - (c) See that the bank account of the SHGs are operated by the president and secretary of the SHGs.
   - (d) Very strictly, no official of the government department should either have any executive position in the SHGs, nor should any government official should be involved in operating bank account of the SHGs.

6. The Fisheries Department and the SPMU has participated in the consultation organized by Greenpeace India. Some of the recommendations are as follows:

   - Nil. These are all commendable.
   - Nil.
   - Nil.
   - Nil. All these processes need to be continued.
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<td>7. SPMU and the Fisheries Department will discuss the recommendations from the Greenpeace India Report; and prepare a brief paper on how these recommendations are already incorporated in the Project, or could be incorporated by September 2011. It will also be a good idea to discuss with Greenpeace India for their continuing advice related to implementation of the livelihood enhancement (organizers) should be such that best people could be recruited.</td>
<td>with social science background and rural development experience to support project activities in the field.</td>
<td>Most of Greenpeace India recommendations with respect to adoption of alternate livelihood has already found place in the DPR. Other recommendations, such as reduction of the area of sanctuary are beyond the jurisdiction of the SPMU. A paper was shared with the World Bank in September 2011. SPMU will seek support from Greenpeace to evaluate the activities in future.</td>
<td>Nil. It is agreed that within the limits of SPMU and Fisheries Department jurisdiction, most of the recommendations are already being implemented. Reduction of the area of the wildlife sanctuaries is an issue that does not fall in the scope of the ICZM project; but is an issue to be considered by the State and Central Government. It is also agreed that it will be beneficial to seek support of Greenpeace India during the next years, for evaluation of the activity and to understand the need for course-correction if any.</td>
<td>7. Nil. Support of Greenpeace India will be sought if required. Evaluation of activities conducted by SPMU by any independent organisation/national Institute will be welcomed.</td>
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<td>[3C-C2] Support to Fisher Groups for Small-Scale Community-based Tourism Activities by the Odisha State Tourism</td>
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<td>1. OTDC completed preparatory activities.</td>
<td>1. Nil.</td>
<td>1. N/A</td>
<td>1. N/A</td>
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<td>1. Nil</td>
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<td>2. Recruitment process for a few of the required staff is under progress. Recruitment process for contract staff such as community organizer, capacity building coordinator, or</td>
<td>2. SPMU may like to share the expertise of the community organizers and field coordinators being recruited at SPMU for</td>
<td>2. A few staff including a junior engineer has already joined duty. Services of Community Organizer from SPMU are being utilized for</td>
<td>2. Remaining staff (especially the staff responsible for arranging training for the communities for managing ecotourism facilities) should be completed by June 2012.</td>
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<td>2. Under Progress</td>
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<td>Development Corporation (OTDC)</td>
<td>engineers is yet to start</td>
<td>“fisheries based livelihood” activities in support of the Fisheries Department also to OTDC. An additional number of such contract staff may, if required, also be recruited at SPMU instead of OTDC to make the recruitment process simpler.</td>
<td>ecotourism activities.</td>
<td>SPMU also needs to recruit additional Community Organizers by June 2012.</td>
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<td>3. Procurement of office equipment, furniture is under progress.</td>
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<td>3. Nil.</td>
<td>3. Purchases of office equipment, furniture are complete.</td>
<td>3. Nil</td>
<td>3. Nil</td>
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<td>4. As a part of community mobilization process, OTDC has used complementary resources (50% of the cost borne by MPEDA, 30% from CDA and 20% cost shared by beneficiaries) a large number of insulated ice boxes to the communities.</td>
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<td>4. Nil.</td>
<td>4. Nil</td>
<td>4. Nil</td>
<td>4. Nil</td>
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<td>5. For both Chilika and Tampara Areas: Several stakeholder consultation meetings were organized. Consultancy for architectural design and supervision has been awarded.</td>
<td></td>
<td>5. For both Chilika and Tampara Areas: Nil.</td>
<td>5. For both Chilika and Tampara Areas: Procurement of contractors will be completed by June 2012.</td>
<td>5. For both Chilika and Tampara Areas; Procurement process of Contractors is under progress. The already awarded contacts are as follows: - M/s Nesters, Bhubaneswar for designing, preparing estimations and supervising the structures proposed to be constructed in the eco-tourism sites at Chilika and Tampara, has been awarded contract on 24.06.2011 - M/s Native Konbac Bamboo Products Pvt. Ltd., Maharashtra for construction of Tourist Guide Centre</td>
<td>5. Nil</td>
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<td>6. Activities in Chilika Lake Area (Barkul, Satapada, New Mouth Chilika, Rambha, Chhelliakuda and Ghantashila): Procurement of FRP Boats, Floating Restaurant, Floating Jetty and associated equipment is under progress; and the award is expected to be in August 2011. For all other goods and civil works, the procurement process will be initiated by September 2011.</td>
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<td>(2250 Sq.ft.), Handicraft Centre and Entrance Plaza and Food Court at Badakul, has been awarded contract on 13.03.2012</td>
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<td>6. Activities in Chilika Lake Area: Mobilization of the community groups, and formal contracts with the selected community groups should start as soon as possible. The community groups should be formed with the objective of using the fisher person’s existing groups (CBOs or SHGs). Capacity building of the selected community groups should start by October 2011.</td>
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<td>- M/s Multiple Solutions, Maharashtra for supply of play equipment and allied services, has been awarded contract on 20.03.2012</td>
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<td>6. Activities in Chilika Lake Area (Barkul, Satapada, New Mouth Chilika, Rambha, Chhelliakuda and Ghantashila): Mobilization of Community Groups already started at Barkul. PRA and formation of SHGs being planned. Guidelines including roles and responsibilities of community to be developed by the OTDC.</td>
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<td>6. Activities in Chilika Lake Area (Barkul, Satapada, New Mouth Chilika, Rambha, Chhelliakuda and Ghantashila): (i) SHG formation should be finalized before June 2012, and before the civil works are awarded to contractors. (ii) All PRA exercises to be completed by May 2012. (iii) A clear plan and schedule of training and capacity building of the SHGs should be prepared by May 2012, and training activities including exposure visits should start by June 2012. (iv) Bid documents for all activities should be ready by March 2012, and all contracts to be awarded by June 2012. (v) Ecotourism guidelines for the community groups including roles, responsibilities and the expected behavioral norms should be ready by June 2012, and covered in special training sessions for each of the SHGs.</td>
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<td>6. Activities in Chilika Lake Area (Barkul, Satapada, New Mouth Chilika, Rambha, Chhelliakuda and Ghantashila): i. SHG formation will be finalized in consultation with SPMU. ii. All PRA exercises are being planned &amp; targeted for completion by Sept.2012. iii. Noted. iv. Consultant has been requested to submit all bid documents as soon as possible. v. The management plan for each site would be prepared. The capacity building plan for each site would also be prepared.</td>
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<td>7.</td>
<td>Activities in Tampara Lake Area: For all other goods and civil works, the procurement process will be initiated by September 2011.</td>
<td>7. Activities in Tampara Lake Area: (i) this lake area should be rather used for water sports activities that do not require any use of fossil fuel. (ii) The plan for community involvement should expand, given the relatively smaller size of the village (around 400 households) and the relatively higher educational status. OTDC shall revise the current proposal in consultation with the community, and finalize this by January 2011. (iii) An action plan to improve the capacity of the community as a whole including language skills, marketing, and behavioral norms expected at a world class tourism destination) should be prepared by January 2012. The capacity building exercises should start from April 2012.</td>
<td>7. Activities in Tampara Lake Area: (i) Proposals have been revised to include only non-fossil fuel boats and water sports equipment for the facilities to be created at the Tampara Lake. Architectural designs are being finalized. Preparation of bid documents underway. (ii) No clear documented progress, although the process of community mobilization process started with help of Community Organizer from SPMU. (iii) No clear progress although OTDC is preparing Ecotourism Guidelines</td>
<td>7. Activities in Tampara Lake Area: (i) Good progress in planning and in architectural designs. Bid documents for all activities should be ready by March 2012, and all contracts to be awarded by August 2012. (ii) A final report revising the earlier proposal and expanding the benefits to all 400 households should be shared with SICOM/Bank by June 2012. (iii) Special emphasis on conserving water quality in the Ecotourism guidelines for to be ready by March 2012, and all contracts to be awarded by August 2012. (ii) A final report revising the earlier proposal and expanding the benefits to all 400 households should be shared with SICOM/Bank by June 2012. (iii) Special emphasis on conserving water quality in the Ecotourism guidelines for the community groups including roles, responsibilities and the expected behavioral norms expected to be ready by June 2012, and covered in special training sessions for the entire village of 400 households.</td>
<td>7. Activities in Tampara Lake Area: i. Consultant has submitted the concept which is shared with WB on receipt of their approval all bid documents would be formulated. ii. Noted. iii. The water quality monitoring of Chilika lake is already in place. The monitoring of water quality of Tampara lake would be put in place.</td>
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**[3C-C3] Biodiversity-based Ecotourism and Livelihood Development by the Wildlife Department**

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<td>1.</td>
<td>Consultants have been selected and mobilized for architectural design of the proposed tourist facilities.</td>
<td>1. (i) The conceptual designs prepared by the consultants are not acceptable. Unless the consultancy firm comes up with revised acceptable conceptual proposals, this will result in the contract being terminated.</td>
<td>1. (i) Even with the necessary guidance from SPMU/PEA, the architect has not been able to prepare designs of acceptable quality. Failure of this consultancy is now expected to be due by January 2012, and covered in special training sessions for the entire village of 400 households.</td>
<td>1. (i) SPMU and PEA will decide by January 2012 if this contract needs to be terminated, as guidance and instructions to the consultants do not seem to be working. The project should not suffer any further delay due to failure of the consultant.</td>
<td>1.(i) The contract of the nonperforming consultant was rescinded following procedure. New architect consultant has been engaged on 14th Feb 2012 and he has come up with concept drawing which are not acceptable.</td>
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<td>2.</td>
<td>Land alienation for the Interpretation centre at Okilapal, Gupti (an area of 2 acre) has been finalized; for other sites at Krushnanagar and Nalitapatia (or at Debendranarayanpur and Jayanagar), and for the Interpretation-cum-Monitoring centre at the Rushikuliya Mouth is under progress.</td>
<td>consultancy contract needs to be terminated. An assessment to this effect should be made by September 2011. (ii) The facilities should be designed as such keeping in view the capacity of the community groups to manage and operate; as well as the consideration that such facilities should cater to appropriate tourism within the nature reserves.</td>
<td>impacting schedule of implementation. PEA/SPMU is also delayed in assessing the need to terminate this contract. SPMU has now brought in expertise related to use of bamboo as a construction material. (ii) MOUs for community contracts for EDCs to manage these ecotourism complexes are under preparation.</td>
<td>PEA and SPMU should engage other architectural firms to do this job; and have a contract with the new firm such that the works can put to bid by April 2012, and awarded in June 2012. (ii) All MOUs should be prepared, discussed and signed with EDCs before May 2012; and before any construction work starts.</td>
<td>shared with WB, on receipt of the approval steps would be taken for preparation of final estimates and bid documents. (ii) All MoU will be prepared and will be signed with EDC by June 2012.</td>
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<td>3.</td>
<td>Turtle camp sites have been identified for of deep tube wells.</td>
<td>Nil.</td>
<td>Nil.</td>
<td>N/A</td>
<td>N/A</td>
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<td>2.</td>
<td>Land alienation process should be accelerated. (i) Once land alienation is done, Wildlife Department should move quickly to ensure mutation in land records of the State. (ii) SPMU will prepare for each such land, a brief note examining the presence or absence of encumbrances.</td>
<td>2. Land alienation: (i) Processes and measurement including at the alternative sites of Debendranarayanpur and Jayanagar completed; land alienation is expected to be completed in January 2012. (ii) No progress.</td>
<td>2. Land alienation: PEA should ensure that all land alienation should be completed by June 2012, and reflected at government land records. (ii) SPMU will prepare for each such land, a brief note examining the presence or absence of encumbrances, and share with SICOM/Bank by April 2012.</td>
<td>2. Land Alienation. (i) Land alienation process for Debendranarayanpur / Jay Nagar is under progress will be completed by August 2012. ii) District administration has approved advance possession of Govt. Land at Gokharkuda for Interpretation centre in favour of DFO Berhampur pending with Land alienation process and consultant is to take up drawing, designing and estimates to complete it by June 2012.</td>
<td>2. Land Alienation. (i) Land alienation process for Debendranarayanpur / Jay Nagar is under progress will be completed by August 2012. ii) District administration has approved advance possession of Govt. Land at Gokharkuda for Interpretation centre in favour of DFO Berhampur pending with Land alienation process and consultant is to take up drawing, designing and estimates to complete it by June 2012.</td>
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<td>3.</td>
<td>Retendering has been initiated for installation of 16 nos of deep tube wells for Rajnagar Division.</td>
<td>Retendering has been initiated for installation of 16 nos of deep tube wells for Rajnagar Division.</td>
<td>Retendering has been initiated for installation of 16 nos of deep tube wells for Rajnagar Division.</td>
<td>Retendering has been initiated for installation of 16 nos of deep tube wells for Rajnagar Division.</td>
<td>Retendering has been initiated for installation of 16 nos of deep tube wells for Rajnagar Division.</td>
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<td>4. Renovation of the Hokitola Building</td>
<td>Procurement process is underway for mechanized boat and floating Jetty. No other specific progress has been made.</td>
<td>4. Renovation of the Hokitola Building: Wildlife Department will ensure that acceptable plan and designs are available by December 2011.</td>
<td>4. Renovation of Hokitola Building: Revised drawings are also found unacceptable. (See 1 above).</td>
<td>4. Renovation of Hokitola Building: SPMU and PEA will decide by January 2012 if this contract needs to be terminated and the alternative course. (See 1(i) above).</td>
<td>4. Renovation of Hokitola Building: Newly commissioned architect consultant has developed the concept which shared with the WB on approval detail estimate would be prepaed.</td>
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<td>5. Ecotourism complexes at Khola, Nalitapatia</td>
<td>(or the alternative sites at Debendranarayanpur and Jayanagar), Talchua and Gupti: No specific progress has been made. Wildlife Department proposed inclusion of mechanized luxury boats to be procured. World Bank agrees to this proposal provided the Wildlife Department can undertake additional environmental assessment as well as an assessment of the capacity of community groups to manage and operate such boats.</td>
<td>5. Ecotourism complexes at Gupti, Jayanagar, Talchua &amp; Debendranarayanpur: (i) Wildlife Department will ensure that acceptable plan and designs are available by December 2011. (ii) Wildlife Department will prepare an additional separate environmental impact assessment with respect to the concept of mechanized luxury boats; along with (iii) a note to build capacity of the EDC to manage and operate such luxury boats; and share with World Bank for a final view on this by December 2011.</td>
<td>5. Ecotourism complexes at Gupti, Jayanagar, Talchua &amp; Debendranarayanpur: (i) the revised drawings are also not very acceptable (See 1 above). (ii) No progress. (iii) A plan for capacity building of EDCs for ecotourism is under preparation. (iv) Procurement is in advanced stage for expert consultancy to write technical specifications for boats.</td>
<td>5. Ecotourism Complexes at Gupti, Jayanagar, Talchua &amp; Debendranarayanpur: (i) SPMU and PEA will decide by January 2012 if this contract needs to be terminated and the alternative course. (See 1(i) above). (ii) Wildlife Department will prepare a separate brief environmental impact assessment with respect to the introduction of mechanized boats and luxury boats (particularly focusing on the impacts on crocodiles), list management measures, and submit to SPMU/SICOM/Bank by May 2012. (iii) Wildlife Department will prepare and share with SPMU/SICOM/Bank by March 2012, a brief plan to build capacity of the EDC to manage and operate luxury boats and other ecotourism facilities. (iv) Brief capacity building plan will be prepared to enhance capacity of the EDC to manage and operate luxury boats and other ecotourism facilities by the end of June 2012.</td>
<td>5. Ecotourism Complexes at Gupti, Jayanagar, Talchua &amp; Debendranarayanpur. (I) Land alienation process is on for Debendranarayanpur / Jayanagar New architect consultant has been engaged on 14th Feb 2012 and taken up steps to prepare drawing design and estimation the concept is shared with WB on approval steps would be taken for finalisation of estimate and bid document preparation. (II) EIA to be prepared for introduction of Mechanised boats and luxury boats by the end of June 2012. (III) PEA and SPMU will ensure</td>
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<td>6. Monitoring and Interpretation</td>
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<td>6. Monitoring and Interpretation: SPMU and PEA will decide by January 2012 if this contract needs to be terminated and the alternative course. (See 1(i) above).</td>
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<td>7. Wildlife Trekking Path from Pitisal to Patisonapur: No specific progress has been made.</td>
<td>Interpretation centre at the Rushikulya Mouth: Wildlife Department will ensure that acceptable plan and designs are available by December 2011.</td>
<td>Interpretation centre at the Rushikulya Mouth: SPMU confirmed that the selected site is free from encumbrances. Land alienation is progressing. Designs and drawings are near final.</td>
<td>that the physical works starts by June 2012.</td>
<td>the Rushikulya Mouth: District administration has approved to take advance possession of Govt. Land at Gokharkuda for Interpretation centre in favour of DFO Berhampur pending with Land alienation process and consultant is to take up drawing, designing and estimates to complete it by July 2012. So that bidding and other physical works start by June 2012.</td>
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<td>8. Permanent camp sites at Dobandhi and Chinchiri: No specific progress has been made, except that the CRZ clearance document is being prepared.</td>
<td>Permanent camp sites at Dobandhi and Chinchiri: Wildlife Department will ensure that acceptable plan and designs are available by December 2011.</td>
<td>Permanent camp sites at Dobandhi and Chinchiri: The plans, drawings and estimates for both the protection camps have been prepared.</td>
<td>Permanent camp sites at Dobandhi and Chinchiri: PEA and SPMU will ensure that the works start by June 2012.</td>
<td>Wildlife Trekking path and camping sites The consultant visited the sites and the issue of security of the establishment and the CRZ are cropping up now. There have been a thought to drop this component. The Wildlife Department would come up with final decision.</td>
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<td>Groups for Coir Making by the Directorate of Handicrafts and Cottage Industries (DHCI)</td>
<td>2. Dedicated staff had been identified, some trained. 3. Stakeholder awareness workshop was organized on April 13, 2011. Four villages (Barkudi, Karimpur, Mudirath and Baghalangi) were surveyed and village meetings held for community mobilization; 5 SHGs already identified.</td>
<td>2. Nil. 3. The DCHI should follow the model prescribed by SPMU to organize community mobilization and capacity building of SHGs. SPMU will support DHCI for building capacity of SHGs.</td>
<td>2. N/A 3. DHCI is using the model prescribed by the SPMU. 8 SHG have been identified; and the remaining 32 will be completed in March 2012; 15 MCM/MCW for training in SHGs have been selected. Community organizers have been recruited by SPMU. Bids invited for equipment and machinery required for training.</td>
<td>2. Nil 3. Nil, except that DHCI and SPMU will ensure that the activity is implemented without any more delay. Additionally, SPMU and DHCI will identify a village and all activities that need to be implemented to turn this village into a &quot;coir-tourism&quot; village.</td>
<td>2. Nil</td>
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<td>4. Training Center: A parcel of 2ha of suitable land has been identified in Rebena-Nuagaon, and the land alienation process is progressing.</td>
<td>4. Training Center: The DHCI should move quickly to complete mutation. SPMU will conduct a site assessment and prepare a report that the land is free of any encumbrances by September 2011.</td>
<td>4. Training Center: The Rebana- Nuagaon site was discarded being a community “gochar” resource. A new site at Sanapatna identified; land alienation to be completed by January 2012. Alternate DHCI land at Chaudabatia also being considered.</td>
<td>4. Training Center: (i) Nil, except that SPMU will prepare a report by February 2012 that the alternative sites at Sanapatna or Chaudabatia are free of any encumbrances. (ii) SPMU will also discuss and decide if strengthening and re-planning the existing training centre is better compared to construction of a new</td>
<td>4. (i) Nil, as identification of land at Rebena Nuagaon/Sanapatana did not materialised. In consultation with SPMU, DH&amp;CI has already moved to Govt for transfer of one of their existing site at Chaudabatia for the Training-cum-Production Centre. In the meantime</td>
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<td>A. Nil.</td>
<td>Nil.</td>
<td>N/A</td>
<td>1. Nil.</td>
<td>1. Nil</td>
<td>another piece of land measuring 2.00 Acre is identified by District administration in Village motto a fishermen village along Chilika coast connected to National Highway. The Director Industries has filed the alienation proposal.</td>
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<td>B. Nil.</td>
<td>Nil.</td>
<td>N/A</td>
<td>1. Nil.</td>
<td>1. Nil</td>
<td>(ii) Basing on the suggestion from SPMU, DH&amp;CI has engaged their departmental engineer for assessment of the condition of the existing structure and to prepare a design &amp; estimate for renovation of the structure to initiate the activities of training cum production centre.</td>
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<td>C. Nil.</td>
<td>Nil.</td>
<td>N/A</td>
<td>1. Nil.</td>
<td>1. Nil</td>
<td>The consultant’ Cluster Pulse’ has already engaged and submitted their inception report to the PEA. They have resumed their assigned activities, i.e. diagnostic study &amp; market linkage along with facilitation to the pilot SHG training programme.</td>
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5. A two member team (the Nodal Officer and the Coir Supervisor) visited Allapuzha in Kerala on April 18-19, 2011, to learn the experience of a “Coir Cluster Pulse” financed by SIDBI as a part of World Bank-financed SME-II Project.

5. The lesson from Kerala is important particularly in the light of the objective that the SHGs need to be organized (in federations or companies) to make them sustainable in the long run, including financial and commercial sustainability.

5. SPMU has engaged an expert agency (who successfully implemented formation of coir cluster in Alleppy) to support DHCI in federating the SHGs making them financially viable in the longer term, improve training content, and supporting the idea of “coir-tourism” village.

5. Nil

5. Nil
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<td>Authority (OSDMA)</td>
<td>been completed in sites; consultations completed at village, district and state levels. For each site establishment of Cyclone Shelter Management Committee is progressing. 4. Soil exploration has been completed for all 14 sites; initial test pit survey completed for 12 sites. For the remaining 2 sites proposed to use open foundation, plate load test is under progress. CRZ Clearance obtained for all 11 sites (of the 14), where such clearance is required. 5. Model bid document prepared and cleared by the World Bank. Bid for 10 sites have been invited and received; bid evaluation is progressing.</td>
<td>4. Nil.</td>
<td>4. All soil surveys had been completed for all 14 sites. 4. Nil.</td>
<td>entire village (a) to be converted to a “total sanitation village”; (b) all adults, particularly women to have bank accounts; and (iii) all children especially girls attend school. 4. Nil</td>
<td>related to the objectives of the Project component. However, the observation is noted and steps shall be taken in different forums to raise public awareness on these issues. Out of 13 sites for which bids invited, awarded for 12 sites, letter of acceptance issued for one. 4. Nil</td>
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<td>[3D] Project Management</td>
<td>1. SPMU is fully geared up for implementation. Nearly all SPMU staff appointed. 2. SPMU is fully geared up for implementation. Nearly all SPMU staff appointed. 3. SPMU will organize the meeting of the State Steering Committee latest by Sept 2011. 4. More staff (especially for community organization work at the field) recruited. 5. The State Steering Committee met on September 2010. The Governing Body meeting was held on March 14, 2011, and June 24, 2011. Annual Action 6. The first meeting of the Steering Committee was held on 22nd September, 2010. Meeting of the Governing Body of ICZM Society of Odisha were held on 14th March, 11 and 24th June, 2011.</td>
<td>1. Nil. 2. The first meeting of the Steering Committee was held on 22nd September, 2010. Meeting of the Governing Body of ICZM Society of Odisha were held on 14th March, 11 and 24th June, 2011.</td>
<td>1. Nil. 2. More staff (especially for community organization work at the field) recruited. 3. The second steering committee meeting was held in February 2012.</td>
<td>The recruitment process through XIMB is completed.</td>
<td>1. The recruitment process through XIMB is completed. 2. The second steering committee meeting was held in February 2012. 3. The Governing Body meeting was held on 22nd September, 2010. The meeting of the Governing Body of ICZM Society of Odisha were held on 14th March, 11 and 24th June, 2011.</td>
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<td>3.</td>
<td>Nil.</td>
<td>Plan 2012-13 was approved.</td>
<td>3. Nil</td>
<td>Nil</td>
<td>Nil</td>
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<td>4.</td>
<td>Nil.</td>
<td>4. Internal and external audits completed for 2011-12. Audit committee met regularly on recommendations of internal audit. Several contracts have been awarded.</td>
<td>4. SPMU will ensure that all contracts for goods, works and consultancies (other than the agreed list) are awarded by June 2012.</td>
<td>5. Nil</td>
<td>5. Nil</td>
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<td>6.</td>
<td>SPMU should insist and support PEAs (who have not yet completed the agreed actions) to complete the necessary capacity building actions by September 2011.</td>
<td>7. All the PEAS have complied with the necessary agreed action.</td>
<td>7. Nil</td>
<td>7. Nil</td>
<td>7. Nil</td>
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