PROJECT PREPARATION GRANT (PPG)
PROJECT TYPE: Full-sized Project
TYPE OF TRUST FUND: GEF TRUST FUND

Submission date: April 2, 2012
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2nd Resubmission date: May 15, 2012

GEF PROJECT ID: 4868
GEF AGENCY PROJECT ID: PIMS 4824
COUNTRY (IES): CHINA
PROJECT TITLE: CBPF-MSL - Strengthening the management effectiveness of the protected area network in the Daxing'anling Landscape
GEF AGENCY (IES): UNDP
GEF FOCAL AREA(S): Biodiversity

A. PROJECT PREPARATION TIMEFRAME

Start date of PPG	06/15/2012
Completion date of PPG	01/31/2013

B. PROPOSED PROJECT PREPARATION ACTIVITIES ($)

The PPG will co-finance the following preparatory activities as listed below. The activities will be supported by partners and will include providing a response to advice given by the STAP reviewers, GEF SEC and Council.

Activity 1: Systemic and institutional capacity for managing the sub-system of wetland PAs
Funding support from the PPG will be used to conduct a rapid review of the existing legal and policy framework and official guidelines pertaining to wetland PA management in the Daxing'anling Landscape. It will include an in-depth review of the Master Plan on Ecological Conservation and Economic Transition in Daxing'anling and Xiaoxing'anling Forested Region, its planning and implementation framework and mechanisms and progress, and the on-going restructuring process of the Authorities. The review will tag a fitting mechanism which the project can support to facilitate relevant sectors' compliance to mandatory sector standards and guidelines at their maximum possible tolerance for well balancing socioeconomic development and wetland conservation. The review will be closely coordinated with a systemic and institutional capacity review for the national level project and other provincial projects under the CBPF-MSL Programme. Furthermore, this activity will also assess the existing capacity of the Daxing'anling Forestry Management Authorities both in Heilongjiang Province and Inner Mongolia Autonomous Region, pertaining to planning, establishment and management of a system of protected areas to protect globally significant wetlands, as well as to protect their biodiversity and vital catchments, and to ensure better mainstreaming of wetlands conservation into the broader development landscape and planning processes. Inter-sectoral coordination mechanisms at the landscape level among different stakeholders in Daxing'anling Landscape, including SFA, two Daxing'anling Forestry Management Authorities, and provincial forestry and sectoral agencies in Heilongjiang Province and Inner Mongolia Autonomous Region will be diagnosed and will be remedied with specific prescriptions for supporting an effective PA management in the Daxing'anling Region. The UNDP Capacity Development Scorecard will be used for the assessment and the focus of this assessment will be on identifying the capacity development needs of the different departments to ensure the sustainability of project investments beyond the term of the project plus identifying areas needing new or revised regulations or fresh guidelines to strengthen wetland PA sub-system management in Heilongjiang Province and Inner Mongolia Autonomous Region.

Activity 2: Biodiversity status assessment and assessment of monitoring and reporting needs, development and application of the biodiversity health index

This activity will review existing biodiversity status indicators internationally and nationally and recommend how to adapt to China's context. Based on the review, it will design a Biodiversity Health Index system to be used as an indicator for the individual projects under the CBPF-MSL Programme. In addition, it will formulate a measuring protocol of conservation success and demonstrate the application of monitoring protocols in target areas. It will list the principle species of significant global biodiversity that constitute the target of the project. For each of the sites using this index, a baseline survey will be undertaken which will also select indicators and target species for subsequent surveys. These indicator species should be suitable for assessing conservation impacts of management prescriptions. Monitoring and reporting needs for these species should be specified including methodology, periodicity and localities for monitoring under the project, and data and methodology should be designed to be used beyond the project. Indicators should include key wetland birds, other important aquatic fauna – e.g. fish and mollusks, rare and endangered mammals, major composition and distribution of vegetation, and incidence of invasive alien species (IAS). Biodiversity health is reflected in the ability of a site to maintain its biodiversity values. This will vary significantly from site to site. The biodiversity index which is being developed for this project includes two components: 1) score of habitat suitability for important biodiversity and 2) status of important biodiversity. The score does not necessarily indicate stability. Many wetland sites are very dynamic but what we are interested in is the ability of the biota to adapt to or even thrive with the changes. This will become increasingly important as climate and water flow patterns change.

Activity 3: Assessment of PA information and data management system in Daxing'anling Region

This activity will evaluate the existing information and data management system in Heilongjiang Province and the Inner Mongolia Autonomous Region with the aim of establishing a viable data sharing platform for enhanced management of the provincial PA system and Daxing'anling PA cluster. The activity will involve identification of data needs and evaluation of the possible data holders of wetlands and biodiversity information to assess which departments/bureaus should be involved in collating and managing biodiversity and wetland data for the purposes of undertaking PA systems review and gap analysis, planning for adding climate change resilience ot the PA system and the monitoring of biodiversity health status through the lifetime of the project. On the basis of current capacity (GIS etc.) and data quality (species and habitat distribution and status), this activity should develop plans for increasing capacity to the level of a data sharing platform as required by the project.

Activity 4: Wetland PA financing needs and management effectiveness assessment

This activity will assess current levels of funding of PA operations and protective management in relation to estimated needs. Financial Scorecards will be completed for the Daxing'anling PA cluster, assessing the PA financing gaps and opportunities for increasing financing. Recommendations will be made for the project interventions to reduce PA financing gaps. Management Effectiveness Tracking Tool (METT) will be applied to each of the target PA sites within the Daxing'anling Landscape.

Activity 5: Profiling of wetland PAs in Daxing'anling Region and initial design of co-management activities

Under this activity, a detailed profile of PAs will be compiled covering PA categories, management authorities and key biological/ecosystem features. A more detailed profile of the PAs within Daxing'anling Region will also be compiled, addressing the physical, environmental and socioeconomic context, biodiversity significance, threats, management barriers and providing suggested actions for improvement. This will be supplemented with a table and map showing the vegetation and ecosystem types in the area as well as land uses including the location of PAs. Based on the analysis of the spatial distribution of the PAs in Daxing'anling Region, gaps and opportunities will be identified for PA expansion to be supported by the project. Staffing levels and capacity will be assessed in the Daxing'anling PAs regarding visitor levels and other human activity pressure. The operational budgets will also be assessed. Past and on-going programmes and projects related to wetland management and conservation, PA strengthening and also wider basin management will be analysed for lessons to build on and to collaborate with. In

addition, this activity will collect baseline data on distribution, activities and the socio-economic situation of local communities living within and adjacent to the target PAs. It will develop plans for monitoring key impacting human activities. Guided by the global and regional experiences and lessons on co-management, appropriate levels and mechanisms of co-management activities with local communities will be designed with thorough feasibility analysis, as well as required alternative livelihood interventions.

Activity 6: Feasibility analysis and budget
Based on the above analysis, the full project strategy will be developed. This will include:
(i) assessment of the social, economic and financial sustainability of proposed outputs and activities; (ii) quantification of tangible socioeconomic benefits with gender dimensions; (iii) risk analysis; (iv) assessment of complementary initiatives and coordination strategies including the possibility for building upon recent complementary projects; (v) review of the outputs and achievements from a range of projects in Daxing'anling Region and development of a plan to build on them; (vi) replication strategy for project activities; (vii) monitoring and evaluation (M&E) and budget; (viii) financing plan, including co-financing commitments and incremental costs analysis; (ix) incremental analysis; (x) assessment of cost-effectiveness of project outputs and outcomes, and (xi) an initial of ToRs for technical inputs.

List of Proposed Project Preparation Activities	Outputs of the PPG Activities	Trust Fund	Grant Amount (a)	Co-financing (b)	Total c = a+b
Activity 1: Systemic and institutional capacity for managing the sub-system of wetland PAs	Detailed analysis report on systemic (legal/policy) and institutional capacity in Heilongjiang and Inner Mongolia Daxing'anling Forestry Management Authorities, including: (i) in-depth-review of the Master plan on Ecological Conservation and Economic Transition in Daxing'anling and Xiaoxing'anling Forested Region, its planning and implementation mechanisms and progress to identify management barriers and project interventions; (ii) identification of the required sector standards to ensure wetland and PA management are mainstreamed in sector development plans and activities in the region; (iii) a table of provincial and sub-provincial regulations relevant to the project, specifically identifying gaps, conflicts or other areas where regulations need revision or new drafting, based on thorough analysis; (iv) recommend the legal framework for the provincial PA legislation, providing tailored approaches to address specific threats and to protect unique wetland dynamics and biodiversity in Heilongjiang Province and Inner Mongolia Autonomous Region;(v) a detailed profile and institutional analysis of relevant institutions at provincial and sub-provincial levels, with clear roles in project implementation, based on a thorough assessment using the capacity scorecards; (vi) description of the protected area governance at the regional, provincial, sub-provincial and site levels including planning, decision making and budgeting processes and identification of conflicts and gaps; (vii) identification of incoherence and gaps in legal and policy framework between the national and provincial level and recommendations for addressing the problems; (viii) analysis and recommendations for institutional capacity development activities to strengthen their wetland PA system planning and management capacity and coordination between the agencies; (iix) recommendation for the implementation arrangements for the project.	GEF TF	14,000	178,000	192,000
Activity 2:	− Review report on biodiversity status, biodiversity management	GEF	19,000	225,000	244,000

Biodiversity Status assessment and assessment of monitoring and reporting needs, adaptation of national level biodiversity health index	status in China and in the 7 provinces covered by the programme with detailed case studies of the specific projects sites; − Review summary on existing biodiversity status indicators, identification of monitoring needs and determination of suitable indicators for biodiversity monitoring at national and sub-national levels, formulation of a monitoring protocol with detailed feasibility assessment, *e.g.,* cost-effectiveness, continuity, quality control difficulties, and practical orientation; − A well-designed Biodiversity Health Index for national-level wetland PAs' biodiversity monitoring system and also adaptive Biodiversity Health Index for 7 provincial-level wetland PAs' monitoring with full integration of key audiences' needs in place; − Inputs to project documents on biodiversity monitoring consistent with the national-level monitoring system and Biodiversity Health Index, including proposed indicators and targets; − Sound and comprehensive guidelines, assessment form and tutorial notes (in English and Chinese) for application of the monitoring framework on wetland PA sites; − Key persons who are responsible for executing the monitoring system have the skills and understanding to apply the monitoring tools through workshop training; − Recommendations for updating the monitoring system based on changes of sampled Biodiversity Health Index; − Suggestions on how to analyze and use monitoring data for audiences at different managerial levels to better serve conservation-related decision making and specific conservation efforts.	TF			
Activity 3: Assessment of PA information and data management system in Daxing'anling Region	Assessment report on PA and wetland information and data management system in Heilongjiang Province and Inner Mongolia Autonomous Region, including; (i) review of the existing wetland data base and data flow at the provincial and sub-provincial levels, and recommendations for further consolidation under the project; (ii) review of current data platforms available for PA management and environmental and biodiversity monitoring and data sharing mechanisms at the provincial and sub-provincial levels, and evaluate data quality and capacity of the various data platform holding agencies; (iii) evaluation of the possible data holders of wetlands and biodiversity information to assess which agencies should be involved in collating and managing biodiversity and wetland data for purposes of undertaking PA systems review and gap analysis, planning for adding climate change resilience to PA system and monitoring of biodiversity health status through the lifetime of the project and beyond; (iv) plans for increasing capacity to the level of data sharing platforms as required by the programme. The platform may be a virtual platform involving several data holders rather than a single dedicated new database.	GEF TF	10,000	88,000	98,000

Activity	Description				
Activity 4: Wetland PA financing needs and management effectiveness assessment	Complete GEF BD-1 Tracking Tools, containing: (i) Financial Sustainability Scorecard Assessment for the PAs in Heilongjiang Province and the Inner Mongolia Autonomous Region, with an accurate assessment of currently available PA revenue and budget and clear identification of financing gaps and opportunities for increasing financing; (ii) Management Effectiveness Tracking Tool (METT) assessment for each of the PAs in the Daxing'anling Region.	GEF TF	15,500	72,000	87,500
Activity 5: Profiling of PAs in Daxing'anling Region and initial design of co-management activities	Daxing'anling Region PA Profile entailing: (i) general profile of PAs in Heilongjiang Province and Inner Mongolia Autonomous Region; (ii) PA landscape profiles with map and information detailing physical, environmental and socioeconomic context, biodiversity significance, threats, management barriers and suggested actions for improvement; (iii) a table and map showing the vegetation and ecosystem types in the area as well as land uses including the location of PAs; (iv) assessment of the pressure and plans for the mitigation of identified key threats to wetlands in Daxing'anling Region with baseline and targets, including loss/degradation of habitat, overexploitation of natural resources, chaotic development, forest fire, and climate change; (v) gaps and opportunities for PA expansion for enhancing biodiversity and wetland protection to be supported by the project; (vi) profile of individual PAs including staffing, PA objectives, management structure, management capacity (management plans, budget, management facilities etc.) and climate change implications; (vii) a project plan for enhancing management effectiveness of the PAs; (iix) assessment of the income of the park residents and determination of the baseline and target; (ix) review of global and landscape wide assessment of community co-management opportunities within the Daxing'anling Region and plans for project intervention for establishment of co-management system.	GEF TF	37,000	60,000	97,000
Activity 6: Feasibility analysis and budget	(i) assessment of the social, economic and financial sustainability of proposed outputs and activities; (ii) quantification of tangible socioeconomic benefits with gender dimensions; (iii) risk analysis; (iv) assessment of complementary initiatives and coordination strategies; (v) review of the outputs and achievements from a range of projects in the Daxing'anling Region and development of a plan to build on them; (vi) replication strategy for project activities; (vii) monitoring and evaluation (M&E) and budget; (viii) financing plan, including co-financing commitments and incremental costs analysis; (ix) incremental analysis; (x) assessment of cost-effectiveness of project outputs and outcomes, and (xi) an initial set of ToR for technical input.	GEF TF	29,546	237,000	266,546
Total project preparation financing			**125,046**	**860,000**	**985,046**

C. FINANCING PLAN SUMMARY FOR PROJECT PREPARATION GRANT: ($)

	Project Preparation	Agency Fee
Grant Amount	125,046	11,254
Co-financing	860,000	
Total	985,046	11,254

D. PPG AMOUNT REQUESTED BY AGENCY (IES) , FOCAL AREA(S) AND COUNTRY (IES)[1]   N/A

TRUST FUND	GEF Agency	Focal Area	Country Name/ Global	(in $)		
				PPG (a)	**Agency Fee** (b)	**Total** c = a + b
Total PPG Requested						

[1] No need to provide information for this table if it is a single focal area, single country and single GEF Agency project.

E. PPG BUDGET REQUEST

Cost Items	Total Estimated Person Weeks for Grant (PW)	Grant Amount ($)	Co-financing ($)	Total ($)
Local consultants *	60	47,400	44,800	92,200
International consultants*	14	42,000	0	42,000
Travel		28,000	30,000	58,000
Workshops and consultations		6,000	80,000	86,000
Map and data production		0	28,000	28,000
Translation		0	25,000	25,000
Communication cost		1,646	28,000	29,646
Baseline project cost (e.g. piloting of advanced technology for wetland restoration in the Daxing'anling Region)		0	624,200	624,200
Total PPG Budget		**125,046**	**860,000**	**985,046**

*   Annex A for Consultant cost details should be prepared first before completing this table. See notes on Annex A for the required detailed information. This table is the sum of all local and international consultants presented in Annex A.

F. GEF AGENCY (IES) CERTIFICATION

This request has been prepared in accordance with GEF policies and procedures and meets the GEF criteria for project identification and preparation.					
Agency Coordinator, Agency name	Signature	Date	Project Contact Person	Telephone	Email Address
Yannick Glemarec GEF Executive Coordinator, UNDP		May 15, 2012	Midori Paxton Regional Technical Adviser – EBD, UNDP	+66 818787510	midori.paxton @ undp.org

Consultants Financed by the Project Preparation Grant (PPG)

Type of Consultant	Position / Titles	$/ Person Week	Estimated PWs	Tasks to be performed
International	Wetland Biodiversity Conservation and Strategic Planning Specialist	3,000	10	The specialist will serve as team leader in collating inputs of different team specialists and take the lead in collaboration with key stakeholders, implementing and executing agencies in designing the full project document. The work involves facilitating the following process; a) evaluate current levels of management effectiveness of stakeholder agencies and evaluate budget levels and sustainability of funding for core operations essential for good governance and management of key wetland PAs - using METT score sheets and financial sustainability score sheets to establish baselines and targets for the project; b) review policy and legal framework in relation to the establishment, mainstreaming and management of a system of wetland protected areas within a broader landscape and development context, identifying contradictions or critical gaps which may hamper the progress of implementation, and suggest measures to remove the barriers; c) assess staffing levels and current levels of competence; identify staff recruitment needs and additional training required under the project, and assess needs for revision of existing draft competence standards vis-à-vis wetland PA management; d) recommend priority activities to be covered under the project in support of strengthening the law enforcement system, and suggest appropriate indicators with baseline information; e) determine key equipment or infrastructure that should be provided under co-financing; During the process, the specialist will: f) ensure full stakeholder consultation including communities in the target landscape so as to ensure project ownership and full participation in implementation through generating buy-in on the project contents; g) review baseline information delivered by the local experts; h) develop the threats and root causes matrix, and the description of the barriers to the effective management of the wetland PAs; i) carry out an incremental analysis and cost effectiveness analysis of the project strategy; j) assess the sustainability of suggested project outcomes and outputs; k) assess global environmental benefits sought from the project; l) propose a project monitoring and evaluation framework with a set of measurable impact and progress indicators; m) develop budget plans for the project; n) ensure linkages with other government, donor and GEF PA and wetland Biodiversity projects in the region; o) prepare necessary ToRs for the project staff and key consultancies; p) take the lead in collating the inputs of different team specialists and draft the full project document and CEO request. Revise as necessary to satisfy all parties.
International	Senior Biodiversity Monitoring Specialist	3,000	4	The specialist will provide technical inputs for ensuring the biodiversity impact of the CBPF-MSL programme and its measurement. The specialist will: a) Provide strategic guidance and support to the PPG teams on biodiversity status, biodiversity management in China and in Daxing'anling Region and target sites;

Type of Consultant	Position / Titles	$/ Person Week	Estimated PWs	Tasks to be performed
				b) review existing biodiversity status indicators that are used both internationally and nationally to identify potential indicators to be used within the projects and the programme, and compile an assessment note describing the pros and cons of different indicators and potential for application under the project; c) in close consultation with the international and national scientists involved in the PPG work, develop the Biodiversity Health Index, which does not only show species status, but indicate intactness of the habitat as well as the ability of a site to maintain its biodiversity values (resilience); d) develop guidelines, assessment form and tutorial notes (in English and Chinese) for application in the wetland PA sites; e) identify indicator species and physical parameters for the target sites under the 7 projects in the Programme; f) hold a stakeholder workshop in Beijing to review and refine the tool incorporating expert opinions and to introduce the tool to the local experts who will conduct the assessments for the PPG; g) provide a training workshop including demonstration of actual application of the tool in Hainan, Daxing'anling, Altai and Yangtze sites for three lake based projects.
Local	Protected Area Planning and Management Specialist (Partially co-financed)	1,600	22	The specialist will act as the lead national consultant to ensure generation of necessary information for project formulation. The specialist will: a) provide technical input pertaining to protected area planning and management in China and in Heilongjiang Province as well as in Inner Mongolia Autonomous Region; b) prepare a definitive list of wetland PAs in Daxing'anling Region with a provincial and sub-provincial breakdown detailing the biodiversity features, staffing details, management structure, management capacity (management plans, budget, management facilities etc.) and climate change implications, for the target wetland PAs in the Daxing'anling Region under the project; c) produce a summary of the wetland PA sub-system in Daxing'anling Region in terms of % coverage of different vegetation types, wetland types and ecoregions with provincial breakdown, as well as identify gaps to be filled by the project; d) prepare a list of identified priority wetlands in Heilongjiang Province and Inner Mongolia Autonomous Region and in particular in the Daxing'anling Region, with feasibility ratings and notes on possible obstacles and strategies for PA designation; e) prepare a profile of the PAs in Daxing'anling Region with map and information detailing physical, environmental and socioeconomic context, biodiversity significance, threats, management barriers and suggested actions for improvement; f) produce necessary maps including wetland PAs/vegetation type overlay, and wetland PA / land use overlay for the Daxing'anling Region and the cluster PAs; g) ensure the accuracy of indicator baselines with clear methodologies for monitoring, as well as the feasibility of targets for the project; h) conduct the Financial Sustainability Scorecard Assessment at the Daxing'anling PA cluster management with accurate assessment of currently available PA revenue and budget and clear identification of financing gaps and opportunities for increasing financing; i) conduct necessary Management Effectiveness Tracking Tool (METT) assessment for each of the Daxing'anling PAs; j) ensure the quality of capacity development scorecard assessments; k) collect information on the government and partners' baseline activities, as well

Type of Consultant	Position / Titles	$/ Person Week	Estimated PWs	Tasks to be performed
				as complementary activities by various partner organisations. l) organise the Knowledge, Attitude and Practice (KAP) survey for the project; m) Assist team leader to organise stakeholder consultation sessions in order to solicit inputs and ensure stakeholder involvement in and buy-in to the project.
Local	Biodiversity conservation specialist (Partially co-financed)	1,500	23	In close collaboration with the team leader, the PA management specialist and the international biodiversity monitoring specialist, the specialist will: a) assess the biodiversity status, monitoring and reporting in the Daxing'anling PA Landscape and in other target sites under the CBPF-MSL Programme; b) compile a list of the principle species of significant global biodiversity that form the target of the projects, providing the baseline data including basic distribution and population and its trend, as well as threat status data; c) select suitable indicator species that can be used to assess conservation impacts of management prescriptions in the target PAs; d) specify monitoring and reporting needs for these species including methodology, periodicity and localities for monitoring under the projects; e) specify any training that would be required to upgrade PA staff or local collaborators to undertake monitoring and reporting work; f) calculate baseline biodiversity health index and targets to be achieved by the projects under the CBPF-MSL Programme in consultation with the local scientists and PA management counterparts; g) organise and facilitate a number of consultation sessions and workshops to conduct the above activities.
Local	Legal and Institutional Capacity Development Specialist (Partially co-financed)	1,500	4	The specialist, in close collaboration with the team leader and the PA planning and management specialist, will undertake analysis on systemic (legal/policy) and institutional capacity at the provincial and sub-provincial levels for managing sub-systems of wetland PAs with particular focus on the Daxing'anling Region, including: a) review the Master plan on Ecological Conservation and Economic Transition in Daxing'anling and Xiaoxing'anling Forested Region, its planning and implementation mechanisms and progress, paying full attention on the on-going restructuring process, to identify management barriers and project interventions; b) identify the required sector standards to ensure wetland and PA management are mainstreamed in sector development plans and activities in the region; c) review policy and legal framework in Heilongjiang Province and the Inner Mongolia Autonomous Region in relation to the establishment, mainstreaming and management of a system of wetland protected areas within the broader landscape and development context, identifying contradictions or critical gaps which may hamper the progress of implementation, and suggest measures to remove the barriers; d) develop a table of provincial and sub-provincial regulations relevant to the project, specifically identifying gaps, conflicts or other areas where regulations need revision or new drafting, based on thorough analysis; e) recommend the legal framework for the provincial PA legislation, providing tailored approaches to address specific threats and to protect unique wetland dynamics and biodiversity in Heilongjiang Province and Inner Mongolia Autonomous Region. f) assess the capacity of various agencies, in respect of their roles, functions and/or responsibilities and their influence on, and importance in, the implementation of the proposed project; their capacity constraints, strengths and weaknesses in supporting or implementing project activities, in view of identifying the capacity development needs of the different stakeholder groups to ensure the sustainability of project investments beyond the term of the

Type of Consultant	Position / Titles	$/ Person Week	Estimated PWs	Tasks to be performed
				project; g) conduct the capacity scorecard assessments for the Heilongjiang Province and Inner Mongolia Autonomous Region and local governments within Daxing'anling Region; h) describe the protected area governance at the provincial and sub-provincial and site levels in Heilongjiang Province and Inner Mongolia Autonomous Region including planning, decision making and budgeting processes; i) analyse and recommend institutional capacity development activities to strengthen their wetland PA system planning and management capacity and coordination between the agencies; j) recommend the implementation arrangements for the project;
Local	Socioeconomics and Community Co-Management Specialist (Partially co-financed)	1,500	8	The specialist, in close collaboration with the team leader and the PA planning and management specialist will: a) review the socioeconomic situations of the local communities in the Daxing'anling Region and their activities (including agricultural development, irrational forestry practices, logging, illegal trapping animals, inappropriate collection of non-timber forest products, and etc.) and assess the extent of pressure on biodiversity and wetland PAs as well as alternatives; b) collect baseline data on distribution, activities and socioeconomic situation of local communities living within and adjacent to the demonstration NRs including income levels; c) conduct thorough consultation with the local communities on the project plans to solicit their full input and ensure their consent to the project and participation; d) conduct a gender analysis, examining the role of both females and males in the project development and implementation and potential impacts of the project on each gender group; e) develop plans for monitoring key impacting human activities; f) examine opportunities, feasibility and design proposals for inclusion within the project of appropriate levels and mechanisms of co-management activities with local communities; g) design any required alternative livelihood interventions for the project; h) identify communication needs for the project including key messages, target audiences, channels of communication, communication training needs, and technical and human resource needs; i) cost and describe the communication activities to be covered under the project. j) prepare TOR for communications staff to be hired by the project
Local	Protected Area Information and Data Management Specialist (Partially co-financed)	1,500	3	In order to design the knowledge management component of the project, the specialist will visit and review the current data platforms available for wetland health monitoring and data sharing. The specialist will: a) review the existing wetland data base and data flow at the provincial and sub-provincial levels and make recommendations for further consolidation under the project; b) review current data platforms available for PA management and environmental and biodiversity monitoring, and data sharing mechanisms at the provincial and prefectural levels, and evaluate data quality and the capacity of the various data platform holding agencies; c) evaluate the possible data holders of wetlands and biodiversity information to assess which agencies should be involved in collating and managing biodiversity and wetland data for purposes of undertaking PA systems review and gap analysis, planning for adding climate change resilience to PA system and monitoring of biodiversity health status through the lifetime of the project and beyond;

Type of Consultant	Position / Titles	$/ Person Week	Estimated PWs	Tasks to be performed
				d) develop plans for increasing capacity to the level of data sharing platforms required by the programme. The platform may be a virtual platform involving several data holders rather than a single dedicated new database.

Note: The remaining