PROJECT PREPARATION GRANT (PPG)

PROJECT TYPE: Full-sized Project
TYPE OF TRUST FUND: GEF Trust Fund

Submission date: January 23, 2013

GEF PROJECT ID: 5229
GEF AGENCY PROJECT ID: 4642
COUNTRY(IES): Lebanon
PROJECT TITLE: Sustainable Land Management in the Qaroun Watershed
GEF AGENCY(IES): UNDP
GEF FOCAL AREA(s): Land Degradation

A. PROJECT PREPARATION TIMEFRAME

Start date of PPG (tentative)	March 01, 2013
Completion date of PPG (tentative)	April 01, 2014

B. PROPOSED PROJECT PREPARATION ACTIVITIES ($)

Describe the PPG activities and justifications:

The PPG process will engage stakeholders and will support activities that will inform the preparation of the complete project document and CEO Endorsement Request for the Full-Size Project (FSP) "S*ustainable Land Management in the Qaroun Watershed"*. This document will be submitted to the GEF following further information gathering and stakeholder consultation, and will be accompanied by co-financing letters in line with pledges made in the PIF. The respective partners and co-financers will be fully engaged in the project design phase; one-on-one consultations, working group meetings, and project development workshops will be convened for the purpose, as appropriate. The project partners listed as co-financiers to the PIF have ensured proportional co-funding for the PPG, and will fully participate in the preparation of the full-size project documentation. In this way, the involvement of co-funding partners will be fully ensured. The PPG activities will consolidate and supplement the existing information supplied in the PIF on the state of land degradation and sustainable land management in Lebanon and specifically in the Qaroun Watershed Area. The PPG activities will take into account the lessons learnt from previous UNDP-GEF projects in Lebanon, and initiatives of other agencies and donors relevant to the subject matter of the project. The project's technical feasibility and economic viability will be assessed, as will the risks associated with its implementation. In order to achieve these objectives, the PPG has been organized into the following activities:

PPG Activity 1. Elaborate on and analyse the 'baseline project investments' -- with particular focus on the policy, regulatory and methodological setting of the project for sustainable land management in the Qaroun Watershed

Preparatory activities under this component will result in the following outputs: (i) policy gaps defined in the sustainable land planning and management arena: analysis of the relevant policies, laws and regulations, and programmes related to land degradation (LD), taking into account best international practices; (ii) defined entry points for the catalysis of an integrated approach to natural resource management; (iii) detailed definition of the baseline programs, (iv) details about the content and legal status of the Integrated Land Use Management Plans (ILUMPs), and their place in local legislation and the approval procedures for them.

These activities will seek to expand the description of the 'baseline project' contained in the PIF. This description will need to be much more detailed at PRODOC stage. Apart from producing data on existing and planned investments that are of relevance to the project, the ancillary aim of this activity is to programme co-financing.

Activities to achieve the above PPG outputs include:

- Quantify and analyse the current use of forests, rangelands and agricultural lands in the Qaroun Watershed by sectors / sub-sectors / users.
- Describe in detail (with quantified data) the proximate causes of land degradation from human activities on forests, rangelands and water resources in Qaroun Watershed. Quantification of current / baseline LD impacts (with impact on concrete SLM parameters such as soil erosion, compaction, water quality and quantity etc), stemming from :
    - Overgrazing and degradation of rangelands
    - Degradation of dry land forest through (i) overexploitation (ii) overgrazing (ii) fires
    - Excessive use of pesticides and fertilisers in arable farming.
- Assess the strengths and weaknesses of the regulatory, planning and enforcement framework for forest, rangeland and water quality and quantity management, programmes and plans. Development of a check list of regulatory, planning and enforcement activities that need to be undertaken at the FSP stage in order to develop and enforce Integrated Land Use Management Plans for the four districts, and reduce land management crimes as per the first two outputs under Component 1 in the PIF.
- Describe in detail the national baseline programs, relevant to the project and serving as its co-financing.
- Define in detail the content and legal status of the Integrated Land Use Management Plans and their place in local legislation and the approval procedures for them.
- Collect detailed data on the government's investments in the natural resource management sector in general and relating to sustainable land and forest management more specifically. The data should be collected at a national as well as at the Qaroun Watershed level. This will be done in close collaboration with the Ministry of Finance, Ministry of Environment and the Ministry of Agriculture, as well as with the Governate of Baalback, Administrative districts Baalbeck, Zahle, West Bekaa and Rachayya as well as the respective municipalities in these districts. Results will be broken down by type and purpose of investment, and by recipient body (including government institutions at the national and local levels). An analysis of expenditure will be undertaken (e.g. delivery/ current and near future funding situations, relative to objectives, as well as longer-term financing trends).
- Confirm data on donor-funded, non-governmental and private sector investments in the natural resource management sector in general and in the arena of sustainable land management in the Qaroun Watershed. The information can be presented in matrix form, where the different interventions will be identified and described; the sources of funding, committed amounts in USD-equivalent and respective duration of the interventions will be documented and the key beneficiaries and implementing agents mentioned.
- Identify and expand on the key barriers to the necessary conducive environment for sustainable land management mainly consisting of a comprehensive decision-making and monitoring and enforcement system at the district level and to mobilise the baseline programme to engineer a paradigm shift from unsustainable to sustainable land use while improving the livelihoods of the rural communities in the Qaroun Watershed. Projected future development in the area, prospects for growth in the economy and different constraining factors, such as capacity, information management and transaction costs, should be taken into account, among others.

PPG Activity 2: Assessment of the capacity of different agencies to support the implementation of project activities.

This PPG component is relevant to both the PIF components. The aim of this activity is to ensure that implementation arrangements, partnership strategies and capacities are in place and adequate for the successful project implementation and its sustainability. The funding support from the PPG will be used to conduct: (i) stakeholder analysis: roles, functions and/or responsibilities of the key stakeholder institutions and groups (Ministries, agencies, scientific institutes, local authorities, local herders, farmers, NGOs, CSOs and local communities); (ii) assessment of capacity constraints (including NGOs, CSOs and local communities) in supporting and/or implementing project activities and capacity building needs and measures to address these needs; (iv) environmental and social screening of the the project according to the UNDP procedures. Further, the focus of this assessment will be on on the gender aspects of the project, and identifying potential incentives and the capacity development needs of the various stakeholder groups to ensure the effectiveness and sustainability of the project interventions and results beyond the term of the project.

The activities will include:

- Analyse the roles, functions and responsibilities of different players (governmental, local communities, research, private sector, NGOs/CSOs) with respect to regulating, planning, implementing activities affecting sound management of natural resources in the Qaroun Watershed.
- Analyse the level of interest and support/resistance from the main stakeholders for the implementation of Integrated Land Use Management Plans in the Qaroun Watershed. This will contribute to the risks management strategy of the project. Windows/opportunities willbe sought to alleviate the resitance.
- Define the capacity of the key national and local stakeholders to implement and sustain the proposed project activities, with recommendations for capacity building activities to be supported by the project.
- Undertake a feasibility analysis of different options for the implementation of the project activities and project governance. This will include the selections and detailed description of the preferred implementation and governance arrangements for the project. A stakeholder involvement plan will be developed and agreed.
- Develop an action plan for incorporation of gender aspects in the project, with quantifiable baseline and target indicators, as per GEF and UNDP guidance.
- Describe the capacity development and training needs to implement the ILUMPs.
- Describe the staffing and training requirements (and financing) for the protected forests.
- Describe a plan of activities to improve the monitoring and enforcement of land management legislation.
- Describe the capacity development and training programme in order to secure additional finances for SLM investments and to align existing financial contributions in the forestry, agricultural and rangeland sectors.
- Complete the UNDP environmental and social screening checklist and summary.

PPG Activity 3. Specifics of on-the-ground action (ILUMPs and Component 2) designed in detail.

The focus under this component will be on confirming the selection of pilot areas, and designing the implementation measures for the selected pilot sites. The outputs will be: (i) selected and described target forest, rangeland and agricultural areas where the SLM measures will take place; (ii) clarified details of each SLM activity, clarifying institutional roles, time-tables, budgets, community engagement , (iii) finalized plan for the establishment of protected forests; (iv) completed Land Degradation Portfolio Monitoring and Tracking Tool (PMAT), including respective baselines, indicators and targets to measure project progress; (v) established socio-economic baseline, indicators and targets as aresult of the project interventions. Specifically, the activities here will include:

- For each of the four districts where Integrated Land Management Plans is going to be undertaken,

develop an annex to CEO Endorsement Request (can be in matrix form) in which each such district will be described in detail:
    - Size, population, social and economic characteristics,
    - Current ecosystem map of the district (not necessarily detailed resolution). Past ecosystem maps provided if relevant (to indicate shifts in rangeland or forest size for example),
    - Current land use (map, main use types, land users/owners),
    - General description of key current economic threats to ecosystems within the districts. Assessed against LD indicators as in the PMAT,
    - Key measures that would need to be planned under ILUMPs aimed at alleviating the threats (changing land use matrixes, ecosystem restoration, change of management regimes in forests or rangelands, etc.), measures, organisations involved, sequence of activities,
- Identify and confirm the target areas for improved management of production rangelands (20,000 ha) which is envisaged in the PIF. Integrate into the above-mentioned Annex to CEO Endorsement Request the following information relevant to the areas:
    - Location and size, provide map
    - Detailed description of current land use, land degradation (e.g. level of desertification and degradation) problem and the effects of land degradation on ecosystem services for each particular site (for description of land degradation problem, as a minimum, use the LD indicators from the PMAT),
    - Describe in detail the technologies that will be tested in the project. For each technology, describe activities sequence, actors, budget, cofinancing, time-table, monitoring of success, replication potential. Tentative list of technologies includes (i) seasonal rotational grazing to maintain pasture quality covering all kind of rangelands; (ii) decrease stocking rate in moderately degradaed pastures.
    - Quantify (forecast) the measurable global environmental benefit in the project target areas from the implementation of the above activities including the reduction of erosion, rise in productivity, improved socio-economic returns and improved water availaibility.
- Identify and confirm the targets areas of forested land (10,500 hectares) that will be upgraded in conservation status through the designation of protected forests and human induced stressors (e.g. from deforestation, fire, unsustainable forest/wood harvesting) and rehabilitated.
    - Define the location and delineate the boundaries on tentative maps taking into consideration the improvement of ecological connectivity between and within the different forest blocks,
    - Agree with change of regime in the areas with forest management authorities,
    - Sequence the activities for the establishment and management of the protected forests and cost the activities,
    - Identify and confirm the target areas of degraded forest land (500 hectares) that will be rehabilitated taking into consideration the improvement of ecological connectivity between and within the different forest blocks and the rehabilitated sites.
    - Describe the rehabilitation/reforestation methods which tentatively includes assisted natural regeneration and reforestation of forests,
    - Define the costs
    - Sequence the activities for the rehabilitation of the degraded forests,
    - Quantify (forecast) the measurable global environmental in the project target areas from the implementation of the above activities including the reduction of erosion, rise in productivity, improved socio-economic returns, increase in biodiversity intactness and improved water availaibility.
- Identify and confirm the target areas of arable land covering 40,000 hectares where pesticides and fertiliser pollution reduction will be addressed.
    - Define the location and delineate the boundaries on tentative maps,
    - Describe the interventions which tentatively organic control practices, application of pesticides only when threshold values indicate that pesticides use is justified, crop-rotation

and inter-cropping, promotion of soil and plant tissue testing as a useful tool for assessing plant nutrient needs, use of sources of organic materials that are available (manure, composted plant residues, etc.) to improve soil structure, water and nutrient holding capacity and soil fertility creation of conservation buffer zones to manage soil, water and nutrients for sustainable agricultural production.
    - Define the costs
    - Sequence the activities for the reduction of pesticides and fertiliser use, including the identification of the prefered agency to engage with the relevant farmers and the contracting and monitoring system to be employed.
    - Quantify (forecast) the measurable global environmental benefit in the project target areas from the implementation of the above activities including the improved water availaibility.
- Prepare the relevant tracking tools (LD). This will include detailed description of the baseline and setting the respective indicators for each of the tracking tools.

PPG Activity 4. Feasibility and risk analysis, strategy development and budget

The three key outputs of these component can be summarized as: (i) detailed project strategy, including incremental cost analysis, cost-effectiveness, and risks; (ii) detailed budget, and (iii) detailed monitoring and evaluation plan. The specific activities include:

- Undertake a detailed incremental cost-analysis of the proposed project through the definition and costing of the baseline projects versus the activities and costing of those activities that will be needed to achieve the proposed project's goal, also taking into account of the co-financing that will be leveraged during the implementation of the project. The end result should be a definition of the project's incremental value over the period of implementation, described in a matrices format.
- Assess the social, economic and financial sustainability of the proposed project activities, including gender aspects.
- Quantify community and gender benefits.
- Quantify and in detail narrate the overall global environmental benefits of the project.
- Undertake a thorough risk analysis and develop a risk mitigation strategy for the project.
- Define an overall Monitoring and Evaluation Framework for the project that will ensure the project achieves it objectives and outcomes and that the project stays on track during implementation. Stakeholders should be consulted on the M & E framework to ensure their buy-in and agreement in order to increase the possibility of the project achieving and exceeding its goals, but also to ensure that it is realistic and achievable.
- Based on all the above activities, finalise the implementing strategy for the project detailing the inputs required for implementation (consultant/contracts and their terms of reference [ToRs] – equipment, travel, etc.), and developing a financing plan.

Proposed Project Preparation Activities	**Outputs of the PPG Activities**	**Trust Fund**	**Grant Amount (a)**	**Co-financing (b)**	**Total c = a + b**
1. Establish 'baseline project investments'	– Analysis of the relevant policies, laws and regulations, and programmes related to land degradation (LD), taking into account international best practices. – Defined entry points for the catalysis of an integrated approach to sustainable land management. – Baseline project investments with respect to natural resource management and sustainable land management at national and local (Qaroun Watershed) level.	GEFTF	30,000	135,000	**165,000**

	– Key barriers to the necessary conducive environment for sustainable land management are identified. – Analysis of the content and legal status of the Integrated Land Use Management Plans and their place in local legislation and the approval process for them.				
2. Capacity Assessment of the different agencies to support the implementation of project activities	– Stakeholder analysis: roles, functions and/or responsibilities of the key stakeholder institutions and groups (Ministries, agencies, scientific institutes, local authorities, local herders, farmers, NGOs, CSOs and local communities); – Assessment of capacity constraints (including NGOs, CSOs and local communities) in supporting and/or implementing project activities and capacity building needs and measures to address these needs. Further, the focus of this assessment will be on identifying potential incentives and the capacity development needs of the various stakeholder groups to ensure the effectiveness and sustainability of the project interventions and results beyond the term of the project. – A gender assessment reviewing the role of both females and males in project development and implementation and potential impacts of the project on each gender group. – Environmental and social screening checklist and summary.	GEFTF	25,000	112,500	**137,500**
3. Specifics of on-the-ground action (ILUMPs and Component 2) designed in detail.	– Selected and described target forest, rangeland and agricultural areas where the LD mitigation measures will be implemented. – Clarified details of each LD mitigation activity, clarifying institutional roles, time-tables, budget, stakeholder engagement. – Defined baseline and project scenario for each relevant LD mitigation activity. – Completed Land Degradation Focal Area – Portfolio Monitoring and Tracking Tool (PMAT), including respective baselines, indicators and targets to measure project progress.	GEFTF	35,000	157,500	**192,500**
4. Feasibility and risk analysis, strategy development and budget	– Detailed project strategy, including incremental cost analysis, cost-effectiveness, and risks. – Detailed budget. – Detailed project monitoring and evaluation system.	GEFTF	10,000	45,000	**55,000**
Total Project Preparation Financing			**100,000**	**450,000**	**550,000**

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

	Project Preparation	**Agency Fee**

Grant Amount	100,000	9,500
Co-financing	450,000	
Total	**550,000**	9,500

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

Trust Fund	GEF Agency	Focal Area	Country Name/ Global	(in $)		
				PPG (a)	**Agency Fee** (b)	**Total** c = a + b
GEF TF	UNDP	Land Degradation	Lebanon	100,000	9,500	109,500
Total PPG Amount				**100,000**	**9,500**	**109,500**

[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

Cost Items	Total Estimated Person Weeks for Grant (PW)	Grant Amount ($)	Co-financing ($)	Total ($)
Local consultants *	42	42,000	150,000	192,000
International consultants*	11	33,000	80,000	113,000
Travel**		21,000	0	21,000
Miscellaneous cost ***		4,000	220,000	224,000
Total PPG Budget		**100,000**	**450,000**	**550,000**

* Annex A for Consultant cost details should be prepared first before completing this table. See notes on Annex A for the required detailed information.

** Travel costs: Travel cost will cover: a) local travel for consultants to target sites (cost for terrestrial travel and per diems); and b) travel to Lebanon and per diems for international SLM project development expert.

*** Miscellaneous cost under co-financing covers cash and in-kind contributions from project partners (i.e., Government, UNDP and NGOs) associated with PPG management and administrative costs including: contracting of consultant and follow-up; participation of staff in project design; document translation; office space and equipment; and financial management and reporting. Workshop costs include a PPG inception workshop and consultation meetings with multiple stakeholders for project formulation, which will be covered by GEF.

F. GEF AGENCY CERTIFICATION

This request has been prepared in accordance with GEF policies and procedures and meets the GEF Trust Fund criteria for project identification and preparation.

Agency Coordinator, Agency Name	Signature	Date *(Month, day, year)*	Project Contact Person	Telephone	Email Address
Adriana Dinu, Deputy Executive Coordinator, UNDP/GEF		23 January, 2013	Johan Robinson, Regional Technical Advisor for Biodiversity, Europe and CIS, UNDP	+421 259337299	johan.robinson@undp.org

Annex A

Consultants Financed by the Project Preparation Grant (PPG)

Type of Consultant	Position / Titles	$/Person Week[1]	Estimated PWs[2]	Tasks to be Performed
International	SLM Specialist	3,000	11	The Project Development Specialist is responsible for coordinating the work of all other consultants, and will ensure the quality and timely preparation of all reports and documentation with two missions to Lebanon and home-based work. In executing PPG Component 4 and supporting the other PPG Components, the consultant will carry out the following tasks: • Provide an overall orientation to the PPG team in relation to GEF requirements for project planning and monitoring. • Provide methodological guidance for data collection related to project planning and monitoring with particular attention given to the description and quantification of the baseline investments. • Compile and share with the national PPG team and stakeholders the international best experiencein policy development, legal and regulatory frameworks and enforcement systems related to land degradation and sustainable forest management (SFM), including analysis of any relevant GEF projects. • Compile the final baseline/situational analysis for the project based on the inputs from local experts and in close cooperation with the key national stakeholders. This will include a precise definition of baseline projects, activities, budgets, goals, and co-financing links to GEF outcomes; definition of GEF incremental value per outcome and output; and development of incremental cost matrices. • Based on the inputs from national experts and the best international practice, prepare a quantified assessment of global environmental benefits for sustainable land management. • Analyse the socio-economic benefits of the proposed interventions at national and local levels. • Based on the national experts' inputs, undertake feasibility assessment of the development and enforcement of the targeted 4 municipal districts Integrated Land Use Managerment Plans. • Based on international experience, assist in

Type of Consultant	Position / Titles	$/Person Week[1]	Estimated PWs[2]	Tasks to be Performed
				reconfirming/specifying the project strategy, finalizing project sections on: (a) An assessment of the social, economic and financial sustainability of proposed project activities; (b) Assessment of alternatives to the project strategy and establishing the cost effectiveness of the preferred strategy and suite of activities; (c) A replication strategy for project activities; (d) Assessment of the risks to the proposed project activities and identifying measure to mitigate these risks; (e) incremental cost analysis. • Based on national experts inputs, develop project monitoring and evaluation system for the FSP including the completed tracking tools for LD, including a set of indicators, baselines and targets. • Define operational strategies and resource needs, and providing administrative support for effective project design. • Elaborate a Logical Framework of the project. • Prepare M&E plan and budget. • Based on national experts input, elaborates Public Participation plan; • Develop action plan for incorporation of gender aspects in the project, with quantifiable baseline and target indicators, as per GEF and UNDP guidance. • Based on national experts inputs, draft ToRs for the key consultants/contracts to be employed by the project. • Define recommended project monitoring and evaluation indicators. • Performing final reviews of the required project documentation. • Conduct environmental and social safeguard screening following the UNDP procedure, producing the checklist and summary report.
Local	ILUMPs Feasibility and SLM Policy and Regulatory Framework Assessment Expert(s)	1,000	12	The consultant will be mainly be responsible for carrying out the tasks related to PPG Activity 3, i.e. Elaborate on and analyse the 'baseline project investments' – with particular focus on the policy, regulatory and methodological setting of the project for the increased sustainable land management in the Qaroun Watershed, as well as the undertaking of a feasibility assessment of the Integrated Land Use Management Plans in the four districts of the Qaroun Watershed (refer to the thorough descriptions in the PPG). The consultant will carry out the following tasks:

Type of Consultant	Position / Titles	$/Person Week[1]	Estimated PWs[2]	Tasks to be Performed
				• Analyse in detail the SLM national and local level legal and regulatory framework in Lebanon. • Assess the strengths and weaknesses of the regulatory, planning and enforcement framework for forest, rangeland and water quality and quantity management, programmes and plans. • Develop a check list of regulatory, planning and enforcement activities that need to be undertaken at the FSP stage in order to develop and enforce Integrated Land Use Management Plans for the four districts, and reduce land management crimes as per the first two outputs under Component 1 in the PIF, namely (i) Integrated Land Use Management Plans (ILUMPs) developed for four districts ensuring optimal allocation of land to generate development benefits and critical environmental benefits in tandem (a) Strategic Environmental Assessment (SEA, including climate change considerations, conducted for Qaroun Watershed to document causes of land degradation and provides recommendations for avoiding and mitigating impacts; (b) Spatially-based digital decision-making system for INRM made available for use in policy development, cross-sectoral landscape planning & management; containing inventory and classification of all types of land in QW, information on the location of critical habitat, thresholds for the use of natural resources, ecosystem resilience, carbon stocks and the impacts of climate change; (ii) Reduction in land management crimes associated with illegal conversion of natural habitat, illegal application of agricultural chemicals, and non-compliance with land use permits through (a) clearer definition and description of land management crimes; (b) improved ability of relevant institutions and their personnel to recognise the crimes; (c) improved capacity within institutions to recognise and prosecute land management crimes; (d) improved capacity across institutions to work collaboratively to identify crimes and apprehend and prosecute offenders, through the creation and strengthening of cross institutional coordination mechanism that enable the sharing of information between institutions, systems to support

Type of Consultant	Position / Titles	$/Person Week[1]	Estimated PWs[2]	Tasks to be Performed
				tracking of crimes. • Develop plan of activities to improve the monitoring and enforcement of legisation. • Provide reliable and comprehensive data for the targeted 4 municipal districts where Integrated Land and Forest Use Plans are going to be developed: (i) Size, population, social and economic characteristics, (ii) Current ecosystem map of the district (not necessarily detailed resolution). Past ecosystem maps provided if relevant (to indicate shifts in steppe or forest size for example); (iii) Current land use (map, main use types, land users/owners); (iii) General description of key current economic threats to ecosystems within the destricts. Assessed against LD and CC indicators as in the GEF Tracking Tools; (iv) Key measures that would need to be planned under ILFUPs aimed at alleviating the threats (changing land use matrixes, ecosystem restoration, change of management regimes in forests or steppe, etc.): measures, organisations involved, sequence of activities; (v) Place outside the area (though within the borders of the country) where a similar problem is observed and which will benefit from the acquired project experience (ha). This is important to identify the replication potential; (vi) Identify the level of interest and support/resistance from the main stakeholders for introduction and implementaiont of Integrated Land and Forest Use plans. This will contribute to the risks management strategy of the project, among other things. Windows/opportunities will be sought to alleviate the resistance. • In addition to this, the Rangeland Sustainable Management Expert will provide support to the International SLM Project Development Specialist Expert in drafting of the project documentation in full and following UNDP and GEF guidelines. Support will include: baseline analysis, project logical framework and indicators, incremental-cost analysis, quantified description of the global environmental benefits of the project, risk analysis and mitigation strategy, sustainability of proposed project activities, replication of project activities and project budget.

Type of Consultant	Position / Titles	$/Person Week[1]	Estimated PWs[2]	Tasks to be Performed
Local	Rangeland Sustainable Management Expert	1,000	10	The consultant will be responsible for carrying out the activity *"Identification and confirmation of the target areas for improved management of production rangelands (20,000 ha) which is envisaged in the PIF"* as mentioned under PPG Activity 3 (refer to the thorough descriptions in the PPG). The consultant will carry out the following tasks: • Identify and confirm the selection of target areas for the improved management of production rangelands covering 20,000 hectares. • For each selected target area, describe the location and size of the area and provide a map. • Describe in detail for each target area the current land use, land degradation problem (e.g. level of desertification and degradation) and the effects of land degradation on ecosystem services for each particular site. • Describe in detail the technologies that will be tested at each site. For each technology, describe activities sequence, actors, budgets, co-financing, time-table, monitoring of success and replication potential. • Quantify (forecast) the measurable global environmental benefit for each site from the implementation of the described activities. • In addition to this, the Rangeland Sustainable Management Expert will provide support to the International SLM Project Development Specialist Expert in drafting of the project documentation in full and following UNDP and GEF guidelines. Support will include: baseline analysis, project logical framework and indicators, incremental-cost analysis, quantified description of the global environmental benefits of the project, risk analysis and mitigation strategy, sustainability of proposed project activities, replication of project activities and project budget.
Local	Agriculture Pesticides and Fertiliser Use Expert	1,000	10	The consultant will be responsible for carrying out the activity *"Identification and confirmation of the target areas of arable land covering 40,000 hectares where pesticides and fertiliser pollution reduction will be addressed."* as mentioned under PPG Activity 3 (refer to the thorough descriptions in the PPG). The consultant will carry out the

Type of Consultant	Position / Titles	$/Person Week[1]	Estimated PWs[2]	Tasks to be Performed
				following tasks: • Identify and confirm the selection of target areas for implementation of technologies that will lead to a reduced application of pesticide and fertiliser on arable farming land. • For each selected target area, define the location and delineate the boundaries on tentative maps. • Describe in detail for each target area the current pesticideand/or fertiliser use. • Describe in detail the interventions that will lead to a reduction in water pllution as a result of reduced application of fertilsiers and pesticides. • Define the costs of the suggested interventions and sequence the activities that will lead toi the reduced application of pesticides and fertilisers. • Quantify (forecast) the measurable global environmental benefit for each site from the implementation of the described activities. • In addition to this, the Agriculture Pesticides and Fertiliser Use Expert will provide support to the International SLM Project Development Specialist Expert in drafting of the project documentation in full and following UNDP and GEF guidelines. Support will include: baseline analysis, project logical framework and indicators, incremental-cost analysis, quantified description of the global environmental benefits of the project, risk analysis and mitigation strategy, sustainability of proposed project activities, replication of project activities and project budget.
Local	Forest Management and Rehabilitation Expert	1,000	10	The consultant will be responsible for carrying out the activities *"Identification and confirmation of the targets areas of forested land (10,500 hectares) that will be upgraded in conservation status through the designation of protected forests and human induced stressors (e.g. from deforestation, fire, unsustainable forest/wood harvesting) and rehabilitated"* as mentioned under PPG Activity 3 (refer to the thorough descriptions in the PPG). The consultant will carry out the following tasks: • Identify and confirm the selection of the forested land areas that will be upgraded to protected forests status and agree with thye relavant forest management authorities on the change of regime;

Type of Consultant	Position / Titles	$/Person Week[1]	Estimated PWs[2]	Tasks to be Performed
				• For each selected target area, define the location and delineate the boundaries on tentative maps. • Describe in detail for each target area the sequencing of activities and its costings that will lead to the establishment of 10,000 hectares of protected forests as well to management arrangements of these sites. • Identify and confirm the target areas of degraded forest land (500 hectares) that will be rehabilitated. • Describe in detail the rehabilitation/reforestation methods, the sequencing of the activities and estimate the cost of the rehabilitation of 500 heacters using the most cost effective method for each site. • Quantify (forecast) the measurable global environmental benefit for each site from the implementation of the above described activities. • In addition to this, the Forest Management and Rehabilitation Expert will provide support to the International SLM Project Development Specialist Expert in drafting of the project documentation in full and following UNDP and GEF guidelines. Support will include: baseline analysis, project logical framework and indicators, incremental-cost analysis, quantified description of the global environmental benefits of the project, risk analysis and mitigation strategy, sustainability of proposed project activities, replication of project activities and project budget.

[1] Dollar amount per person week.
[2] Person weeks needed to carry out the task.

Note: Split between Local and International consultants is indicative and subject to procurement guidelines or agencies and governments. Consultants will be hired in line with UNDP rates and procedures. Also, in accordance with both UNDP and GEF policies, no GEF project resources will be used to pay any government, agency, or NGO personnel.