



Initiation Plan / GEF PPG

Empowered lives.
Resilient nations.

Project Title: Implementing the Strategic Action Programme in the transboundary river basins shared by Ecuador and Peru and draining to the Pacific Ocean (Zarumilla, Puyango-Tumbes and Catamayo-Chira)

Country: Peru

Country Programme Outcome: UNDAF Outcome 1: By 2021, people living in poverty and vulnerability improve access to decent livelihoods and productive employment by means of sustainable development that strengthens social and natural capital, integrating an adequate management of risk-
CPD Outcome 1 "Inclusive and sustainable growth and development"

UNDP Strategic Plan Outcome 1. Growth and development are inclusive and sustainable, incorporating productive capacities that create employment and livelihoods for the poor and excluded/**UNDP Strategic Plan Output 1.3.** Solutions developed at national and sub-national levels for sustainable management of natural resources, ecosystem services, chemicals and waste.

Gender Marker rating: GEN 2

SESP Pre-Screening Categorization: Moderate

ATLAS Award ID: 00122853	Total budget:	US\$ 260,000
ATLAS Project/Output ID: 00118305	Allocated resources:	
PIMS number: 6291	• GEF	US\$ 200,000
Management Arrangement: <i>DIM</i>	• Government	US\$ 20,000*
	• UNDP	US\$ 40,000*
	(*) <i>In kind</i>	

AGREED BY
Maria del Carmen Sacasa

Maria del Carmen Sacasa

14-Dec-2020

UNDP Resident Representative

Signature

Day/Month/Year

Date

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TABLE OF CONTENTS

I. Brief Description of the Initiation Plan/GEF PPG.....	3
II. Stakeholder Engagement, public disclosure and other requirements.....	4
III. GEF PPG Activities	5
Component A: Preparatory Technical Studies & Reviews	5
Component B: Formulation of the UNDP-GEF Project Document, CEO Endorsement Request, and Mandatory and Project Specific Annexes	7
Component C: Validation Workshop and Report	10
IV. Total Budget and Work Plan for GEF PPG	11
V. GEF PPG Activities timeframe and budget	13
VI. Mandatory Annexes	14
Annex 1: GEF CEO PIF/PPG Approval Letter	14
Annex 2: Draft Terms of Reference (TORs) of Consultants Financed by the Project Preparatory Grant (GEF PPG)	15

I. BRIEF DESCRIPTION OF THE INITIATION PLAN/GEF PPG

Objective & Final Outputs

The objective of the GEF PPG is to develop the project concept into a full project: Implementing the Strategic Action Programme in the transboundary river basins shared by Ecuador and Peru and draining to the Pacific Ocean (Zarumilla, Puyango-Tumbes and Catamayo-Chira). As described in the project concept (PIF), this project aims to strengthening the conditions in the shared basins to facilitate the implementation of the endorsed Strategic Action Programme, as well as supporting the implementation of prioritized actions with focus on reducing the stress on water resources that would trigger future investments.

The following information is to be consulted as background for the GEF PPG phase:

- PIF cleared for WP inclusion or GEF Council approved PIF (PFD and child project concept note for projects that are part of a program)
- SESP pre-screening (of PIF)
- Comments from GEF Secretariat, Council, STAP
- [Annotated UNDP-GEF Project Document Template](#) and associated guidance included therein
- [UNDP policies and procedures](#)
- UNDP-GEF guidance notes on GEF project development (which will be provided by the RTA) and
- GEF policies, in particular GEF polices on: Project Cancellation; Fee Policy for GEF Partner Agencies; Project and Program Cycle; and Minimum Fiduciary Standards for GEF Partner Agency (in particular sections dealing with the required separation of oversight and execution support services). All GEF policies are available [here](#).

The final outputs of the GEF PPG are:

1. UNDP-GEF Project Document (ProDoc).
2. Mandatory annexes to the ProDoc listed in the [Annotated UNDP-GEF Project Document Template](#).
3. [GEF CEO Endorsement Request](#) and all mandatory annexes; and
4. Validation Workshop report (required for projects with a high SESP categorization; as appropriate for all others).

Any additional studies and other reports produced under the GEF PPG and not included in Annex to the project document will be submitted to UNDP and saved for future reference.

Key Dates for the GEF PPG

Milestone	Date	Notes
Internal submission date for UNDP-GEF review and clearance	<i>09 Sep. 2021</i>	10 months of PIF approval for FSPs and 6 months for MSPs. <i>Update: Due to the COVID-19 pandemic, all outstanding GEF projects pending submission and endorsement have been extended for a total of six months.</i>
First GEF Submission Deadline for CEO Endorsement	<i>09 Nov. 2021</i>	First submission must be within 12 months of PIF approval for FSPs and 8 months for MSPs. Failure to submit a ProDoc and CEO ER to the GEF Sec by this date will lead to the automatic cancellation of the project by the GEF Sec. <i>Update: Due to the COVID-19 pandemic, all</i>

		<i>outstanding GEF projects pending submission and endorsement have been extended for a total of six months.</i>
CEO Endorsement Deadline after which the project will be cancelled if not endorsed	09 May 2022	Endorsement must be within 18 months of PIF approval for FSPs and 12 months for MSPs. If the project has not been CEO endorsed by this date, then it will be automatically cancelled by the GEF Sec. <i>Update: Due to the COVID-19 pandemic, all outstanding GEF projects pending submission and endorsement have been extended for a total of six months.</i>

Management Arrangements

The UNDP Country Office in Peru will lead the project development process and manage the GEF PPG budget in full consultation with the BPPS/GEF Technical Adviser. The GEF PPG Atlas budget is presented in Section IV: Total Budget and Work Plan.

As appropriate, a Working Group will guide the GEF PPG team, and review and endorse the GEF PPG deliverables. The Working Group is responsible for ensuring that the deliverables outlined in this GEF PPG are completed on time and in line with UNDP and GEF requirements. The RR with the EFP's support will chair the Working Group. Working Group members will include: Ecuador and Peru COs, government partners (ANA, MINAM, MAAE, Ministries of Foreign Affairs, and others stakeholders of both countries, such as: Local Governments, Ministry of Agriculture and Irrigation MINAGRI, Secretariat for Risk Management, Secretariat for Disaster Risk Management, Secretariat for Disaster Risk Management, National Meteorology and Hydrology Service, NGOs.), and key stakeholders; RTA as appropriate.

The GEF PPG team will be composed of the consultancies described in the draft Terms of Reference (TORs) in Annex 2.

II. STAKEHOLDER ENGAGEMENT, PUBLIC DISCLOSURE AND OTHER REQUIREMENTS

To ensure strong country ownership, and in line with the stakeholder engagement requirements outlined in UNDP's [Social and Environmental Standards](#) (SES), the [SES Guidance Note of Stakeholder Engagement](#)¹, the GEF's [Guidelines on the Implementation of the Policy on Stakeholder Engagement and the GEF Policy on Gender Equality](#), the development of the project to be undertaken during this GEF PPG phase will be done in full consultation and close engagement with government, CSO and other relevant stakeholders – in particular those who will benefit from and be directly involved in the implementation of the project (i.e. direct project beneficiaries) and those who may be impacted (positively or negatively) by the project. Stakeholder Engagement and analysis must be conducted in an inclusive and gender-responsive manner, so that the rights of women and men and the different structural barriers, knowledge, needs, roles and interests of women and men are recognized and addressed.

Careful and complete documentation of stakeholder engagement is vital. Detailed evidence of all consultations will be prepared and submitted to UNDP. A list of the consulted stakeholders and details of the associated meetings will be included in the Stakeholder Engagement Plan (see section B-d below).

¹ New SES policy expected for 2021, which must be used for this PPG.

If the fully designed project has an overall Social and Environment Screening Procedure (SESP) categorization of moderate or high, then the following disclosure requirements apply:

1. A final validation workshop report will be prepared summarizing the outcomes of the validation workshop and other consultations undertaken during the PPG phase. This report will become a key reference document should an environmental and social complaint/grievance be filed during project implementation. This is mandatory for high risk projects and recommended for moderate risk projects.
2. The UNDP-GEF project document, SESP and related draft management plans, and other relevant information/documents, will be made available to the public on the UNDP Country Office website or open.undp.org. It is recommended to make these documents available for 30 days in advance of the LPAC meeting for moderate risk projects, and 120 days in advance for high risk projects.

See the [SES Supplemental Guidance on Disclosure](#) for more information.

III. GEF PPG ACTIVITIES

Component A: Preparatory Technical Studies & Reviews

The following technical studies and reviews will be conducted.

a. Desktop and field-based studies and data collection

This research should produce the background information required to prepare the ProDoc (including its Annexes) and CEO Endorsement Request, including but not limited to:

- Development challenge and strategy (including threats, problems and barrier assessment);
- Review of national policy and legislative frameworks;
- Problem and solution trees, assumptions and risks, developed in consultation with project stakeholders, for a robust Theory of Change, Results Framework and solid M&E plan;
- Review of relevant past and ongoing projects for lessons, including [project evaluations](#); and
- Any other analyses required to address all comments on the PIF received from GEF Secretariat, GEF Council members and STAP

b. Gender Analysis

A gender analysis will be prepared to fully consider the different needs, roles, benefits, impacts, risks, differential access to and control over resources of women and men (including considerations of intersecting categories of identity such as age, social status, ethnicity, marital status, etc.) and to identify appropriate measures to address these and promote gender equality and women's empowerment. See guidance available [here](#).

c. Social and Environmental Standards: Screening and Assessments

The social and environmental safeguards pre-screening (pre-SESP) prepared during the PIF design phase has initially determined the overall risk categorization of this project as Moderate and highlighted potential safeguard risks to be further assessed during the PPG phase.

The required targeted assessment(s) of the risks related to Principle 1 (Human Rights), Principle 2 (Gender Equality and Women’s Empowerment), Principle 3 (Environmental Sustainability) Standard 1 (Biodiversity Conservation and Natural Resource Management) verifying if a ESMF is needed, Standard 2 (Climate Change Mitigation and Adaptation) with the Climate Risk Screening, Standard 3 (Community Health, Safety and Working Conditions) through the pilot projects review, Standard 4 (Cultural Heritage), Standard 5 (Displacement and Resettlement) and Standard 7 (Pollution Prevention and Resource Efficiency) will be undertaken. The assessment will identify ways to avoid negative environmental and social impacts where possible and if risk avoidance is not possible, then mitigation and management measures must be identified.

d. Identification of project sites

Based on the above reviews, and through consultation with stakeholders, the targeted project [pilot/demonstration] sites will be identified. [The selection of pilot projects will be evaluated during PPG based on the ability to establish alliances with the stakeholders, the status of the development of the final studies (cost, scope and schedule), environmental and social viability. Elaborate on selection criteria, if available.] This should include providing geographic coordinates, maps and shapefiles for inclusion in the ProDoc.

e. Financial planning, co-financing and investment mobilized

Co-financing and investment mobilized – as defined in the GEF Policy and Guidelines on co-financing - will be confirmed, and additional sources identified through a series of consultations with partners to ensure a coherent and sustainable financing package for the project, including post-GEF grant phase to the extent possible. The GEF is seeking high co-financing/investment mobilized to GEF grant ratios with a preference for grants, loans and other public investments over in-kind co-financing. The GEF also expects the Government to significantly support the costs associated with project execution (i.e. PMC).

f. Stakeholder analysis

Building on the initial identification of stakeholders in the PIF, an appropriately-scaled analysis of project stakeholders will be undertaken. This stakeholder analysis will provide the foundation for development of the project’s Stakeholder Engagement Plan and will facilitate prioritization of engagement activities with particular stakeholder groups and individuals. See the [UNDP SES Guidance Note on Stakeholder Engagement](#).

g. Appraise and formulate the most appropriate project implementation and execution modality

The design of the project will comply with the UNDP’s Program and Operations Policy and Procedures (POPP), Financial Regulations, and Programme and Project Management and Quality Standards, and UNDP-GEF guidance (which will be provided by the RTA). A full assessment of the most appropriate project implementation and management arrangements will be carried out in full consultation with the RTA, UNDP Country Offices, Resident Representatives (or their Deputies), the relevant government coordinating agencies, and the GEF OFPs.

UNDP should in general not have a role in project execution as project execution is the primary responsibility of the selected Implementing Partner (see UNDP-GEF Guidance Note for further information). Therefore, an assessment and the selection of the most appropriate Implementing Partner and/or third parties (Responsible Parties) with full capacity to execute the project must be carried out.

Project management arrangements need to be discussed and agreed early in the PPG phase. During the first two months of the PPG phase:

- For all potential Implementing Partners, carry out capacity assessments to assess their capacity to implement the project and assess all related risks. This must include HACT and PCAT assessments.
- Discuss the level of co-financing the Government and Implementing Partner are able to commit to this project. As per GEF Policy, the GEF is seeking high co-financing to GEF grant ratios and expects the Government to significantly support the costs associated with project execution (i.e. PMC) for this project.
- Based on these assessments, select and confirm the Implementing Partner for the project in consultations with all relevant stakeholders. The selected Implementing Partner must express willingness to serve as the Implementing Partner for the Project and the concerned government must agree to use the selected Implementing Partner for the Project. (Please see [UNDP's Policy on Selecting Implementing Partners](#)).
- If the Implementing Partner does not have full capacity to execute the project, and execution support is likely to be needed, discuss with the UNDP Resident Representative whether the choice of Implementing Partner is the correct choice. If not, select another Implementing Partner, if possible. If that is not an option, explore alternative options for the provision of execution support via Responsible Parties ([see UNDP Policy on Selecting Responsible Parties](#)). Discuss with the Implementing Partner the role of the responsible parties in project execution, and the execution support these parties could provide.
- Consult with the RTA on the latest guidance regarding UNDP providing support services to the Implementing Partner. If the costs for UNDP to provide support services is to be charged to the GEF project budget, the UNDP support services must be approved by the GEF Secretariat before CEO endorsement.

h. Other required studies

- Plan to develop the management model of the Binational Commission.
- Prepare the scope of the watershed management plans.
- Feasibility design for the implementation of the pilot projects (define the sites).
- Terms of reference to establish a binational model for the management of the Zarumilla aquifer.
- Feasibility study for monitoring the quality and quantity of water.
- Feasibility study to define the scope, cost and schedule of the training and communication plan.
- Feasibility study of early warning systems and for flood risk and mass movements.
- Feasibility study of implementing the binational information platform.

Component B: Formulation of the UNDP-GEF Project Document, CEO Endorsement Request, and Mandatory and Project Specific Annexes

Based on the technical studies and reviews undertaken under **Component A**, the UNDP-GEF Project Document will be developed (following the annotated UNDP-GEF Project Document available [here](#)), and the GEF CEO Endorsement Request (available [here](#)) will be prepared. See additional guidance notes below.

The GEF PPG Team Leader will be responsible for the consolidation and finalization of all required materials.

a. Stakeholder Engagement Plan:

At a minimum, the Plan must include the following elements:

- Stakeholders who have been and will be engaged (based on stakeholder analysis), including potentially marginalized or disadvantaged groups/individuals (the ‘who’);
- Key stakeholder objectives and interests (the ‘why’);
- Steps and actions to achieve meaningful consultation and inclusive participation, including information dissemination and any special measures required to ensure inclusive participation of marginalized disadvantaged groups/individuals the dissemination of information (the ‘how’);
- Breadth and depth of stakeholder engagement throughout the project cycle, and decisions that need to be made through stakeholder engagement (the ‘what’);
- Timeline for engagement activities and how they will be sequenced, including information disclosure (the ‘when’);
- Indicators of stakeholder engagement and monitoring plan;
- Roles and responsibilities for ensuring effective stakeholder engagement through implementation of the Plan; and
- Resource requirements and associated budget.
- A project-level Grievance Redress Mechanism (GRM) will be described in the Stakeholder Engagement Plan and established in the first year of project implementation. See the UNDP [guidance on GRM](#) and [sample TOR](#).
- A comprehensive Stakeholder Engagement Plan is required.

See the [UNDP SES guidance on Stakeholder Engagement](#), the [standard SEP template](#), and the [GEF guidelines on stakeholder engagement](#).

b. Gender Action Plan and Budget

The gender analysis conducted in **Component A** along with relevant findings from the stakeholder analysis and background studies, will form the basis of a Gender Action Plan to guide gender mainstreaming during project implementation. The Gender Action Plan must include indicators, targets, timeframe, responsible party and budget which are linked to the project’s components/outputs, outcomes and activities. As part of the work of preparing the Gender Action Plan, indicators should be proposed for inclusion in the Results Framework to facilitate the monitoring of the proposed gender mainstreaming actions.

See guidance available [here](#).

c. Social and Environmental Standards: Screening and Management Measures

In line with the assessments conducted during **Component A** (above) and [UNDP’s Social and Environmental Standards \(SES\) policy and all associated SES Guidance Notes](#), the SESP will be updated and all risks identified in the SESP will be reflected in the risk table and risk section of the ProDoc.

The ESMF will identify the required management plans that will be prepared during project implementation (PPG team will assess the need to develop the ESMF for Principle 3, Standards 1 and 7).

Based on the required targeted assessment(s), the relevant stand-alone management plan(s) will be prepared: Gender Action Plan, a Comprehensive Stakeholders Engagement Plan, and if ESMF needed, the correspondent Environmental and Social Management Plan (ESMP).

See the [SES Guidance Note on Assessment and Management](#) for further guidance. Please contact UNDP for additional information as needed.

d. GEF and LDCF/SCCF Core Indicators

The CEO endorsement-stage data for the relevant Core Indicators and sub-indicators will be prepared. The completed [Core Indicators worksheet](#)—with both the original PIF-stage data and the CEO endorsement-stage data—will be annexed to the ProDoc.

The Core Indicators will be used in the project’s Results Framework, at the Objective level, where appropriate. See the [GEF policy and guidance](#).

e. Completion of the required official endorsement letters

These letters include the official letters on co-financing guarantee(s) from participating government institutions, bilateral development partners, multilateral development partners, NGOs, private sector, or others who wish to provide cash or in-kind contributions to the project.

A GEF OFP endorsement letter will also be required for any new participating countries to a global or regional program/project that was not included with the PIF/PFD submission.

Updated GEF OFP endorsements letters are also required if the requested GEF grant amount has changed since PIF/PFD approval.

f. Mandatory Annexes

In addition to the documents listed above, the following Annexes should be prepared by the GEF PPG team:

- Project map and Geospatial Coordinates of project sites
- Multi Year Work Plan
- Monitoring Plan
- UNDP Risk Register
- Overview of Technical Consultancies
- GEF 7 Taxonomy
- Initial Project Team Procurement Plan and TORs for key Project Team staff

Upon a request from the UNDP Regional Technical Adviser during the PPG implementation, the PPG team may be required to prepare additional annexes.

g. Project Management Arrangements

Based on the stakeholder analysis and consultations undertaken in **Component A** above, agreement(s) on project management and governance arrangements—including roles, responsibilities and accountabilities of lead and partner Agencies—will be secured early in the project development phase and will be fully detailed in the ProDoc. Standard text from the governance and management arrangement from the GEF-7 template should never be removed.

Component C: Validation Workshop and Report

A validation workshop will be held with relevant stakeholders to present, discuss and validate the project activities, and the final draft of the UNDP-GEF project document if possible. A validation workshop report will be prepared for projects with an overall safeguards risk rating of moderate or high.

IV. TOTAL BUDGET AND WORK PLAN FOR GEF PPG

Atlas Award ID:	00122853
Atlas Project/Output ID:	00118305
Award Title:	PPG Implementacion PAE Cuencas PE-EC
Business Unit:	PER10
Project Title:	Implementacion PAE Cuencas
PIMS number:	6291
Implementing Partner:	UNDP

GEF Outcome/Atlas Activity	Responsible Party	Fund ID	Donor Name	Atlas Budgetary Account Code	ATLAS Budget Description	Amount US\$	Budget Notes
Project preparation grant to finalize the UNDP-GEF project document for project: <i>Implementing the Strategic Action Programme in the transboundary river basins shared by Ecuador and Peru and draining to the Pacific Ocean (Zarumilla, Puyango-Tumbes and Catamayo-Chira)</i>	UNDP	62000	GEF TRUSTEE	71200	International Consultants	35,000	A
				71300	Local Consultants	139,500	B
				71600	Travel	7,000	C
				72500	Supplies	500	D
				74500	Miscellaneous Expenses	2,000	E
				75700	Trainings, Workshops and Confer	13,000	F
				74100	Professional Services	3,000	G
PROJECT TOTAL						200,000	

Budget Note	Items	Total estimated person weeks	Budget US\$	Budget Note
A	71200 - International Consultants	20	35,000	International Project Development Specialist (GEF PPG Team Leader) Please see Annex 2 for key responsibilities and qualifications.
B	71300 – Local Consultants	28/specialist	49,000	2 IWRM Specialists/nat. projects.
		20	26,000	Water Resources Management Plans/Models Specialist.
		12	12,000	Education and Training Specialist
		8	10,500	Nat. Gender and Safeguards Specialist
		20	15,000	Investment Projects Specialist
		16	12,000	Water Quality/Quantity Monitoring Specialist
		8	6,000	Hydrological Risks and Early Warning Specialist
		8	9,000	Information Systems Specialist Please see Annex 2 for key responsibilities and qualifications
C	71600- Travel	-	7,000	Travel of ICs x 3 for gathering information (water quality & quantity), identification of existent investment profiles and definition of the level of intervention.
D	72500 - Supplies	-	500	Supplies, stationary etc for consultations
E	74500 - Miscellaneous	-	2,000	Costs for translation etc.
F	75700 – Training, Workshops and Confer	-	13,000	8 stakeholders workshops and consultation meetings (2 workshops with the Binational Technical Group, 1 meeting with authorities of both countries to establish basic directions, 1 Workshop to identify the existent investment profiles, 1 workshop to identify/prioritize investments/identify co-financing, 1 Workshop to define costs, timeline and responsible, 1 validation workshop, 1 workshop for final compromises)
G	74100 – Contractual Services		3,000	For the development of the Partner Capacity Assessment and Due Diligence for Co-Financing letters from the Private Sector

V. GEF PPG ACTIVITIES TIMEFRAME AND BUDGET

PPG Activity	Month 1	Month 2	Month 3	Month 4	Month 5	Month 6	Month 7	Month 8	Month 9	Month 10
Component A: Technical studies, etc.										
Component B: Formulation of ProDoc, etc.										
Component C: Validation Workshop										
Delivery of final outputs										

VI. MANDATORY ANNEXES

Annex 1: GEF CEO PIF/PPG Approval Letter



M.Sc. Carlos Manuel Rodríguez
CEO and Chairperson

November 9, 2020

Mr. Pradeep Kurukulasuriya,
GEF Executive Coordinator
United Nations Development Programme (UNDP)
New York City, USA

Dear Mr. Kurukulasuriya,

I am pleased to inform you that I have cleared the project concept detailed below for inclusion in the upcoming work program. I have also approved your request for Project Preparation Grant.

Decision Sought:	Project Identification Form (PIF) Clearance for Work Program Inclusion and Project Preparation Grant Approval
GEFSEC ID:	10700
Agency:	UNDP
Agency ID:	6291
Focal Area:	International Waters
Project Type:	Full-sized Project
Country(ies):	Regional (Ecuador, Peru)
Name of Project:	Implementation of the Strategic Action Programmes and the National Strategic Action Plans for the Integrated Water Resources Management in the Puyango-Tumbes, Catamayo-Chira and Zarumilla Transboundary Aquifers and River Basins
Indicative GEF Project Financing:	\$8,000,000
Indicative Agency Fee:	\$760,000
PPG:	\$200,000
PPG Fee:	\$19,000
Funding Source:	GEF Trust Fund

Indicative Agency Fee Commitment:					
Agency	Trust Fund	20% to be committed at Council approval (US\$)	50% to be committed at first disbursement (US\$)	30% to be committed at mid-term review (US\$)	Total (US\$)
UNDP	GEFTF	152,000	380,000	228,000	760,000
Total		152,000	380,000	228,000	760,000

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Annex 2: Draft Terms of Reference (TORs) of Consultants Financed by the Project Preparatory Grant (GEF PPG)

Position, Type and Cost	Role, Deliverables and Qualifications
<p>Consultant 1: International Project Development Specialist (GEF PPG Team Leader)</p> <p>Type: IC</p> <p>Cost per person week: USD 1,750</p> <p>Number of person weeks needed: 20</p>	<p>Role</p> <p>The International Project Development Specialist will be the GEF PPG Team Leader and will be responsible for quality assurance and timely preparation of all reports and documentation, including the finalized UNDP Project Document (ProDoc) and CEO Endorsement Request, with all mandatory and project specific Annexes and supporting documentation. S/he will be responsible for managing all consultants on the GEF PPG Team and coordinating the Team’s work.</p> <p>Responsibilities and Deliverables</p> <ol style="list-style-type: none"> 1) <u>Management of the GEF PPG Team</u> <ol style="list-style-type: none"> a. Define and submit a detailed methodology and work plan in consultation with the other consultants with clear delegation of responsibilities for the International Consultant (IC) and National Consultants (NCs); b. Ensure that project development is participatory, gender-responsive and based on extensive stakeholder engagements; and c. Verify and ensure that all project components are technically sound and cost effective. 2) <u>Preparatory Technical Studies and Reviews (Component A):</u> With inputs from the national consultants, as detailed in their respective TORs: <ol style="list-style-type: none"> a. Compile baseline/situational analysis for the full-size project (FSP). This will include a precise definition of baseline projects, activities, budgets, goals and co-financial links to GEF outcomes; definition of GEF incremental value per outcome and output; and presentation of results of the incremental cost-analysis in matrices as appropriate; b. Lead and oversee the stakeholder analysis and consultations, with support from national consultants, and ensure that they are complete and comprehensive including consultations with the private sector and tourism associations and bodies; c. Ensure the preparation of the gender analysis and ensure its findings are meaningfully integrated into the project’s strategy, theory of change and results framework; d. Ensure action points, including risk assessments, from the UNDP Social and Environmental Screening Procedure (SESP) at the PIF stage (“pre-screening”) are fully implemented during the PPG, and update that screening in an iterative process throughout the PPG, and as appropriate; e. Oversee the identification of the project sites, with documentation of selection criteria and making sure that geo-referenced data and maps are clearly presented both for targeted protected areas and broader landscapes, as applicable; f. Ensure the design of appropriate project knowledge management processes and platforms, ensuring appropriate linkages to existing mechanisms and knowledge sharing in project landscapes; g. Lead and oversee the identification of opportunities for private sector engagement and co-financing;

	<p>h. Ensure the preparation of partner capacity assessments and discussions on management arrangements early in the PPG process;</p> <p>i. Oversee the consultations with partners regarding financial planning; and</p> <p>j. Ensure completion of any additional studies that are determined to be needed for the preparation of the ProDoc and all other final outputs.</p> <p>3) <u>Formulation of the ProDoc, CEO Endorsement Request and Mandatory and Project Specific Annexes (Component B):</u> With inputs from the national consultants, as detailed in their respective TORs, and based on international best practice:</p> <p>a. Develop, present and articulate the project's theory of change;</p> <p>b. Develop the Results Framework in line with UNDP-GEF policy;</p> <p>c. Develop a detailed Monitoring and Evaluation Plan and Budget;</p> <p>d. Oversee and ensure the preparation of a comprehensive Stakeholder Engagement Plan;</p> <p>e. Oversee and ensure the preparation of a Gender Action Plan and Budget;</p> <p>f. Oversee and ensure the updating of the SESP based on assessments undertaken during Component A, and ensure the development of required environmental and/or social management plan(s) as required;</p> <p>g. Oversee the preparation of the required GEF tracking tools (if required) and GEF Core Indicators and ensure these are supported by robust and validated data;</p> <p>h. Secure all co-financing letters;</p> <p>i. Prepare the indicative procurement plan;</p> <p>j. Secure and present agreements on project execution and management arrangements and ensure that the project aligns to UNDP-GEF guidance on UNDP execution support;</p> <p>k. Ensure the completion of the required official endorsement letters; and</p> <p>l. Synthesize all analyses, studies, etc. that are prepared under Components A and B to produce the draft UNDP-GEF ProDoc, GEF CEO Endorsement, and all mandatory and project specific Annexes, using the templates.²</p> <p>4) <u>Validation Workshop (Component C):</u></p> <p>a. Lead the validation workshop to present, discuss and validate the final draft ProDoc and mandatory and project specific annexes, with a special focus on the SESP and any management plans;</p> <p>b. Oversee all necessary revisions that arise during the workshop; and</p> <p>c. Ensure completion of Validation Workshop Report.</p> <p>5) <u>Final Deliverables:</u></p> <p>a. Consolidation of all technical and consultation inputs and comments including from national stakeholders, UNDP, GEF Secretariat, STAP and GEF Council, into a well written and concise UNDP ProDoc with all required sections and Annexes, in line with the standard UNDP-GEF ProDoc template and annotated guidance;</p> <p>b. Completion of the GEF CEO Endorsement Request;</p> <p>c. Finalized SESP (and stand-alone management plans as required);</p> <p>d. All documentation from GEF PPG (including technical reports, meeting minutes, etc.); and</p> <p>e. Validation Workshop Report.</p> <p>Qualifications</p>
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² Please verify with the UNDP-GEF team that the correct templates are being used.

	<ul style="list-style-type: none"> ▪ Master's degree or higher in a relevant field, such as <i>IWRM or natural resources</i>. ▪ Minimum 8 years of demonstrable experience in the technical area of <i>international waters and/or water resources management</i> and in preparing high quality project documents, particularly for UNDP and GEF projects; ▪ Excellent written and oral communication skills in English; ▪ Demonstrated understanding of the GEF rationale and procedures, and demonstrated experience in formulation of GEF-funded project proposals, using the logical framework and the results-based management approaches;
<p>Consultant: <i>National Gender and Safeguard Specialist</i></p> <p>Type: NC</p> <p>Cost per person-week: USD 1,312.5</p> <p>Number of person-weeks needed: 8</p>	<p>Role <i>The National Gender and Safeguards Specialist will develop mandatory project Annexes related to application of social and environmental safeguards and support adherence of project development to UNDP's SESP and specific requirements, as appropriate. The consultant will be a gender and social inclusion expert with experience in-depth gender analysis and local community engagement.</i></p> <p>Deliverables</p> <p>1) <u>Preparatory Technical Studies and Reviews (Component A): Prepare inputs and support the required analyses/studies, as agreed with the GEF PPG Team Leader, including:</u></p> <ol style="list-style-type: none"> a. Review the SESP pre-screening of the PIF; complete the UNDP Social and Environmental Screening Procedure (SESP), and support the detailed assessment of all project risks including consultations with local stakeholders; b. Assess presence of Indigenous Peoples/ethnic minorities within project landscapes and their interests. If present, assess potential impacts of the project on rights and interests, lands, territories, resources, and traditional livelihoods and determine when FPIC applies in accordance with national contexts and preferences. Carry out consultations with communities at demonstration landscape to assess level of understanding and capacity to give consent, and identify community preferences for FPIC process. Based on these assessments, and if relevant, integrate relevant matters as needed including FPIC into project design and into the comprehensive Stakeholder Engagement Plan; c. Prepare the gender analysis and action plan and work closely with the GEF PPG Team Leader to ensure its findings are meaningfully integrated into the project's strategy, theory of change and results framework; d. Advise on gender responsive stakeholder analysis and consultations and ensure that they are complete and comprehensive; and e. Support the completion of any additional studies that are determined to be needed for the preparation of the ProDoc and all other final outputs as guided by the PPG Team Leader. <p>2) <u>Formulation of the ProDoc, CEO Endorsement Request and Mandatory Annexes as well as project specific annexes (Component B):</u></p> <ol style="list-style-type: none"> a. Complete the SESP, based on assessments undertaken during Component A and detailed development of project interventions, and identify management measures to mitigate risks to be incorporated into the ProDoc; b. Prepare the Gender Mainstreaming Plan, with appropriate budget and identification of appropriate project interventions to ensure gender mainstreaming including at project demonstration sites; c. Using the findings from the gender analysis, provide inputs to the project's results framework and theory of change; ensure gender considerations are integrated into the project's theory of change;

	<p>d. <i>Provide inputs for the development of the Stakeholder Engagement Plan to ensure it is Socially Inclusive and Gender Responsive;</i></p> <p>e. <i>Prepare the Gender Action Plan and Budget;</i></p> <p>f. <i>Support the agreements on project management arrangements and ensure that gender and safeguards are adequately incorporated into these arrangements.</i></p> <p>3) <u><i>Validation Workshop (Component C):</i></u></p> <p>a. <i>Contribute to the validation workshop; and</i></p> <p>b. <i>Support all necessary revisions that arise during the workshop, as appropriate.</i></p> <p>4) <u><i>Final Deliverables:</i></u></p> <p>a. <i>Finalized Social and Environmental Screening (SESP)</i></p> <p>b. <i>Gender Analysis and Gender Mainstreaming Plan</i></p> <p>c. <i>Appropriate inputs to the comprehensive Stakeholder Engagement Plan including on gender-responsive consultation and consultations with local communities and any Indigenous Peoples or Ethnic Minorities present within the demonstration landscape;</i></p> <p>d. <i>Appropriate inputs to the final UNDP-GEF project document based on guidance from the PPG Team Leader.</i></p> <p>Qualifications</p> <ul style="list-style-type: none"> ▪ <i>Master's degree or higher in a relevant field, such as gender studies, gender and development, women and environment, or women and sustainable development;</i> ▪ <i>Minimum 7 years of demonstrable experience in the technical area of gender mainstreaming, community development, and social and environmental safeguards risk assessment and mitigation;</i> ▪ <i>Experience carrying out participatory gender analysis; experience collecting and formulating gender responsive indicators and sex-disaggregated data and preparing gender responsive project analysis; developing gender action plans;</i> ▪ <i>Prior experience in the safeguards assessments and processes of international organizations and donors, such as World Bank, UNDP, etc;</i> ▪ <i>Demonstrated understanding of the links between sustainable development, social and gender issues;</i> ▪ <i>Demonstrated experience working on policy and programmatic issues with national and local governments and civil society organizations including community organizations;</i> ▪ <i>Demonstrated experience in carrying out consultations with Indigenous Peoples, FPIC, protection of cultural heritage, and/or community engagement is highly desired;</i> ▪ <i>Experience with project development and results-based management methodologies is highly desired;</i> ▪ <i>Excellent analytical, writing, advocacy, presentation, and communications skills are required; and</i> ▪ <i>Excellent written and oral communication skills in English and fluency in Spanish.</i>
<p><u>2 Consultants:</u> <u>IWRM</u> <u>Specialist/National</u> <u>Projects</u></p> <p>Type: NC</p>	<p>Role</p> <p><i>The IWRM Specialist/National Projects will accompany the entire process of Preparatory Technical Studies and Formulation of the ProDoc. The consultant will be IWRM expert with experience in-transboundary river basin.</i></p>

<p>Cost per person-week: USD 875</p> <p>Number of person-weeks needed: 28</p>	<p><i>It will be responsible for coordinating with national, regional and local actors, establishing the scope of the intervention, identifying base information, coordinating field visits, among other actions.</i></p> <p>Deliverables</p> <ol style="list-style-type: none"> 1) <u>Preparatory Technical Studies and Reviews (Component A): Prepare inputs and support the required analyses/studies, as agreed with the GEF PPG Team Leader, including:</u> <ol style="list-style-type: none"> a. <i>compilation of existing baseline information, studies and projects related to IWRM in transboundary river basins</i> b. <i>Socialization and dissemination of the scope of the Project, which allows strengthening the institutional roles in the Project.</i> c. <i>Carry out an analysis of territorial institutions and plans that can be linked to water resources management plans in transboundary river basins.</i> d. <i>Organize a Workshop on the Identification of protection / conservation areas that allow defining the level of intervention</i> e. <i>Identification of co-financing contributions and commitments of institutions to implement SAP activities.</i> f. <i>Analyze and agree with the Binational Technical Group, the critical points for the implementation of the binational protocol for monitoring the quality and quantity of water.</i> g. <i>Analyze and agree with the Binational Technical Group a proposal for the follow-up and monitoring of SAPs, NSAPs, and IWRM Plans by basin.</i> 2) <u>Formulation of the ProDoc, CEO Endorsement Request and Mandatory Annexes as well as project specific annexes (Component B):</u> <ol style="list-style-type: none"> a. <i>Establish the areas of intervention of the national and binational actions to be developed in the Project</i> b. <i>Identify and collect baseline information and establish information gaps to implement IWRM and SAP strategic lines in transboundary river basins.</i> c. <i>Establish and analyze the regulatory framework in both countries, for the implementation of SAP</i> d. <i>Establish the strategy, priorities and activities to be developed to articulate the territorial plans with the SAPs in the transboundary river basins.</i> e. <i>Establish with the stakeholders of the river basins, the priority areas for protection / conservation and the activities to be implemented.</i> f. <i>Identify strategic alliances and sources of co-financing for the implementation of the SAP lines of action.</i> g. <i>Establish the roadmap for the implementation of the binational water quality and quantity monitoring protocol.</i> h. <i>Establish mechanisms and activities to implement the follow-up and monitoring of SAPs, NSAPs, and IWRM Plans by basin.</i> 3) <u>Validation Workshop (Component C):</u> <ol style="list-style-type: none"> a. <i>Contribute to the validation workshop; and</i> b. <i>Support all necessary revisions that arise during the workshop, as appropriate.</i> 4) <u>Final Deliverables:</u> <ol style="list-style-type: none"> a. <i>Report of areas of intervention, biophysical characterization and location maps of each of the national and binational actions to be developed</i> b. <i>Report and base information files collected, to implement IWRM and SAP strategic lines in transboundary river basins.</i>
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	<ul style="list-style-type: none"> c. Report on the regulatory and institutional framework of each country for the implementation of IWRM and SAP in transboundary river basins. d. Strategy for the articulation of territorial plans with SAPs in transboundary river basins. e. Identification of priority areas for protection / conservation and activities to be implemented in transboundary river basins. f. Strategy for development partners and sources of co-financing for the implementation of the SAP lines of action. g. Roadmap and strategy for the implementation of the binational water quality and quantity monitoring protocol. h. Proposal for the Follow-up and Monitoring Plan of SAPs, NSAPs, and IWRM Plans by basin. <p>Qualifications</p> <ul style="list-style-type: none"> ▪ Master’s degree or higher in a relevant field, such as environmental management, water resources, sustainable development; ▪ Minimum 7 years of demonstrable experience in the technical area of water resources management, territorial development, sustainable development; ▪ Experience in participatory methodologies, development of strategic alliances and elaboration of water resources management plans. ▪ Experience with project development and results-based management methodologies is highly desired; ▪ Excellent analytical, writing, advocacy, presentation, and communications skills are required; and ▪ Excellent written and oral communication skills in English and fluency in Spanish.
<p><u>Consultant: Water Resources Management Plans/Models Specialist</u></p> <p>Type: NC</p> <p>Cost per person-week: USD 1300</p> <p>Number of person-weeks needed: 20</p>	<p>Role</p> <p>The Water Resources Management Plans/Models Specialist will accompany the process of Establish the management model for the operation of the Binational Commission, identify critical areas that require detailed hydrogeological studies, define the scope of Water Resources Management Plans</p> <p>Deliverables</p> <ul style="list-style-type: none"> i. Preparatory Technical Studies and Reviews (Component A): Prepare inputs and support the required analyses/studies, as agreed with the GEF PPG Team Leader, including: <ul style="list-style-type: none"> a. Review the binational agreements and the institutional framework for the operation of the Binational IWRM Commission in transboundary river basins b. Support the Project Leader to identify binational mechanisms, necessary for the management of Water Resources Management Plans in transboundary river basins. c. Support the Project Leader to identify the scope of the watershed management plans in transboundary river basins. d. Identify and collect information for the sustainable use and management of the Zarumilla aquifer. 2) Formulation of the ProDoc, CEO Endorsement Request and Mandatory Annexes as well as project specific annexes (Component B): <ul style="list-style-type: none"> a. Establish proposals to strengthen the IWRM Binational Commission in transboundary river basins. b. Establish the binational mechanisms to strengthen the management of Water Resources Management Plans in transboundary river basins.

	<p>c. <i>Establish with the stakeholders of the river basins, the scope of the watershed management plans in transboundary river basins.</i></p> <p>d. <i>Establish with the National Water Authorities the scope of the binational model for the management of the Zarumilla aquifer.</i></p> <p>i. <u><i>Validation Workshop (Component C):</i></u></p> <p>a. <i>Contribute to the validation workshop; and</i></p> <p>b. <i>Support all necessary revisions that arise during the workshop, as appropriate.</i></p> <p>ii. <u><i>Final Deliverables:</i></u></p> <p>a. <i>Proposal to strengthen the IWRM Binational Commission in transboundary river basins</i></p> <p>b. <i>Agreements on binational mechanisms to be developed, to strengthen the management of Water Resources Management Plans in transboundary river basins.</i></p> <p>c. <i>Proposal the scope and content of the watershed management plans in transboundary river basins.</i></p> <p>d. <i>Terms of reference to establish a binational model for the sustainable use and management of the Zarumilla aquifer.</i></p> <p>Qualifications</p> <ul style="list-style-type: none"> ▪ <i>Master's degree or higher in a relevant field, such as environmental management, water resources, sustainable development;</i> ▪ <i>Minimum 7 years of demonstrable experience in the environmental management, water resources management, territorial management, transboundary river basins, sustainable development;</i> ▪ <i>Experience in participatory methodologies, development of strategic alliances and elaboration of water resources management plans.</i> ▪ <i>Experience with project development and results-based management methodologies is highly desired;</i> ▪ <i>Excellent analytical, writing, advocacy, presentation, and communications skills are required; and</i> ▪ <i>Excellent written and oral communication skills in English and fluency in Spanish.</i>
<p><u>Consultant:</u> <u>Education and Training Specialist</u></p> <p>Type: NC</p> <p>Cost per person-week: USD 1000</p> <p>Number of person-weeks needed: 12</p>	<p>Role <i>The Education and Training Specialist will accompany the process to define the scope of the training and communication plan.</i></p> <p>Deliverables</p> <p>1) <i>Preparatory Technical Studies and Reviews (Component A): Prepare inputs and support the required analyses/studies, as agreed with the GEF PPG Team Leader, including:</i></p> <p>a. <i>Identify stakeholders and IWRM communication and training needs.</i></p> <p>b. <i>Develop a workshop to establish the scope and objectives of the Capacity Development Plan for Binational IWRM Committees.</i></p> <p>c. <i>Identify the strengths, opportunities, weaknesses and threats of relevant institutions for the management, conservation and protection of water resources and natural infrastructure.</i></p> <p>d. <i>Establish the scope and objectives of the development of capacities of beneficiary communities and water users.</i></p>

	<p>2) <i>Formulation of the ProDoc, CEO Endorsement Request and Mandatory Annexes as well as project specific annexes (Component B):</i></p> <ol style="list-style-type: none"> a. <i>Prepare the stakeholder analysis and identify communication and training needs.</i> b. <i>Establish with National Water Authorities, the scope and objectives of the Capacity Development Plan for the binational IWRM Committees.</i> c. <i>Evaluate training processes in relevant institutions and professional profiles for IWRM in transboundary river basins</i> d. <i>Establish the scope and objectives of the development of capacities of beneficiary communities and water users.</i> <p>3) <i>Validation Workshop (Component C):</i></p> <ol style="list-style-type: none"> a. <i>Contribute to the validation workshop; and</i> b. <i>Support all necessary revisions that arise during the workshop, as appropriate.</i> <p>4) <i>Final Deliverables:</i></p> <ol style="list-style-type: none"> a. <i>Feasibility study to define the scope, cost and schedule of the training and communication plan.</i> b. <i>Terms of reference to establish a Capacity Building Plan for the operation of binational IWRM Committees.</i> c. <i>Strategy of strengthen the capacity of staff of relevant institutions in the management, conservation and protection of water resources and natural infrastructure.</i> d. <i>Strategy of development of capacities through "Water Schools", to raise awareness, sensitize, and train water users in the management, conservation, and protection of water resources and natural infrastructure</i> <p>Qualifications</p> <ul style="list-style-type: none"> ▪ <i>Master's degree or higher in a relevant field, such as education, communication, sociology or engineering;</i> ▪ <i>Minimum 7 years of demonstrable experience in the education and training, communication for development, environmental management, water resources management, sustainable development;</i> ▪ <i>Experience in participatory methodologies, communication and training plans, water resources management plans.</i> ▪ <i>Experience with project development and results-based management methodologies is highly desired;</i> ▪ <i>Excellent analytical, writing, advocacy, presentation, and communications skills are required; and</i> ▪ <i>Excellent written and oral communication skills in English and fluency in Spanish.</i>
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<p><u>Consultant:</u> <u>Investment</u> <u>Projects Specialist</u></p> <p>Type: NC</p> <p>Cost per person-week: USD 750</p>	<p>Role <i>The Investment Projects Specialist will accompany the process to prioritize feasible investments to implement according to existing profiles, identify sources of financing and counterparts</i></p> <p>Deliverables</p> <p>1) <i>Preparatory Technical Studies and Reviews (Component A): Prepare inputs and support the required analyses/studies, as agreed with the GEF PPG Team Leader, including:</i></p>
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<p>Number of person-weeks needed: 20</p>	<p>a. <i>Collect information on planned and ongoing national and binational investment projects in IWRM in transboundary river basins.</i></p> <p>b. <i>Develop an Investment Identification / Prioritization Workshop for the protection and conservation of at least 4,000 hectares of recharge and catchment areas and natural infrastructure</i></p> <p>c. <i>Develop an Investment Identification / Prioritization Workshop for increased efficiency of irrigation system for productive development in 700 hectares of rural areas.</i></p> <p>d. <i>Develop an Investment Identification / Prioritization Workshop to identify the pilot projects in conservation, efficient use, water quality and risk management that are prioritized under the Project</i></p> <p>2) <i>Formulation of the ProDoc, CEO Endorsement Request and Mandatory Annexes as well as project specific annexes (Component B):</i></p> <p>a. <i>Prepare a database with current information on planned and ongoing national and binational investment projects in IWRM in transboundary river basins.</i></p> <p>b. <i>Define projects and calculate investments for the protection and conservation of at least 4,000 hectares of recharge and catchment areas and natural infrastructure</i></p> <p>c. <i>Define projects and calculate investments for increased efficiency of irrigation system for productive development in 700 hectares of rural areas.</i></p> <p>d. <i>Define the activities and investment schedule of the pilot projects in conservation, efficient use, water quality and risk management that are prioritized under the Project</i></p> <p>3) <i>Validation Workshop (Component C):</i></p> <p>a. <i>Contribute to the validation workshop; and</i></p> <p>b. <i>Support all necessary revisions that arise during the workshop, as appropriate.</i></p> <p>4) <i>Final Deliverables:</i></p> <p>a. <i>Prepare the operational framework and investment schedule for the prioritized pilot projects within the framework of SAP and NSAP implementation.</i></p> <p>b. <i>Prepare the Multiannual Investment Plan and Annual Operation Plans, including all activities, pilot projects and management expenses for the implementation of the Project.</i></p> <p>c. <i>Define the project objective, the strategic results framework, indicators, and the products and activities to be developed during the intervention.</i></p> <p>Qualifications</p> <ul style="list-style-type: none"> ▪ <i>Master's degree or higher in a relevant field, such as economics, planning or engineering.</i> ▪ <i>Minimum 7 years of demonstrable experience in the investment projects, investment planning, public management, environmental management, water resources management, sustainable development;</i> ▪ <i>Experience in participatory methodologies, logical framework methodology and water resources management plans.</i> ▪ <i>Experience with project development and results-based management methodologies is highly desired;</i> ▪ <i>Excellent analytical, writing, advocacy, presentation, and communications skills are required; and</i>
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	<ul style="list-style-type: none"> ▪ <i>Excellent written and oral communication skills in English and fluency in Spanish.</i>
<p><u>Consultant: Water Quality/Quantity Monitoring Specialist</u></p> <p>Type: NC</p> <p>Cost per person-week: USD 750</p> <p>Number of person-weeks needed: 16</p>	<p>Role <i>The Water Quality and Quantity Monitoring Specialist will support in the definition of the parameters for the monitoring of water quality and quantity and the in the definition of the intervention sites.</i></p> <p>Deliverables</p> <ol style="list-style-type: none"> 1) <i>Preparatory Technical Studies and Reviews (Component A): Prepare inputs and support the required analyses/studies, as agreed with the GEF PPG Team Leader, including:</i> <ol style="list-style-type: none"> a. <i>Collect information on contamination of water sources in transboundary river basins.</i> b. <i>Review experiences in protection and conservation of water resources (recharge and capture) of ecosystems and their components (water protection zones, restriction zones and hydraulic protection zones)</i> c. <i>Evaluate the levels of contamination and impact on water sources from population, agricultural and/or industrial activities in transboundary river basins.</i> d. <i>Review information and experiences in national and binational monitoring of water quality and quantity.</i> 2) <i>Formulation of the ProDoc, CEO Endorsement Request and Mandatory Annexes as well as project specific annexes (Component B):</i> <ol style="list-style-type: none"> a. <i>Characterization of quality and quantity of water sources in transboundary river basins.</i> b. <i>Identify actions in protection and conservation of water resources (recharge and capture) of ecosystems and their components (water protection zones, restriction zones and hydraulic protection zones)</i> c. <i>Define the pilot areas and the scope of the priority interventions for pollution reduction of surface and/or groundwater from population, agricultural and/or industrial activities</i> d. <i>Establish with National Water Authorities the scope, costs, schedule, responsible for the binational monitoring system of water quality and quantity.</i> 3) <i>Validation Workshop (Component C):</i> <ol style="list-style-type: none"> a. <i>Contribute to the validation workshop; and</i> b. <i>Support all necessary revisions that arise during the workshop, as appropriate.</i> 4) <i>Final Deliverables:</i> <ol style="list-style-type: none"> a. <i>Feasibility study for monitoring the quality and quantity of water sources in transboundary river basins.</i> b. <i>Proposal for interventions for protection and conservation of water resources (recharge and capture) of ecosystems and their components (water protection zones, restriction zones and hydraulic protection zones)</i> c. <i>Proposal for interventions for pollution reduction of surface and/or groundwater from population, agricultural and/or industrial activities</i> d. <i>Proposal for implementing the binational monitoring system of water quality and quantity.</i> <p>Qualifications:</p>

	<ul style="list-style-type: none"> ▪ <i>Master’s degree or higher in a relevant field, such as environmental science, chemistry or engineering.</i> ▪ <i>Minimum 7 years of demonstrable experience in monitoring system of water quality, environmental management, water resources management, sustainable development;</i> ▪ <i>Experience in monitoring of water quality, environmental monitoring and water resources management.</i> ▪ <i>Experience with project development and results-based management methodologies is highly desired;</i> ▪ <i>Excellent analytical, writing, advocacy, presentation, and communications skills are required; and,</i> ▪ <i>Excellent written and oral communication skills in English and fluency in Spanish.</i>
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<p><u>Consultant:</u> <u>Hydrological Risks and Early Warning Specialist</u></p> <p>Type: NC</p> <p>Cost per person-week: USD 750</p> <p>Number of person-weeks needed: 8</p>	<p>Role <i>Hydrological Risks and Early Warning Specialist will support in studies to identify water risks, establish the infrastructure, equipment and personnel required to implement the binational early warning system, communication and dissemination plans, define the mechanisms of articulation between institutions.</i></p> <p>Deliverables</p> <ol style="list-style-type: none"> 1) <i>Preparatory Technical Studies and Reviews (Component A): Prepare inputs and support the required analyses/studies, as agreed with the GEF PPG Team Leader, including:</i> <ol style="list-style-type: none"> a. <i>Collect information and experiences of early warning systems and hydrological risk in transboundary river basins.</i> b. <i>Hold specific meetings with institutions involved in risk management (SNGR, SINAGERD, Regional and Local governments)</i> 2) <i>Formulation of the ProDoc, CEO Endorsement Request and Mandatory Annexes as well as project specific annexes (Component B):</i> <ol style="list-style-type: none"> a. <i>Define the scope, costs, schedule and responsible of early warning systems and risk studies.</i> b. <i>Identify flood risks and mass movements in the susceptible areas of the three transboundary river basins.</i> c. <i>Identify measures and plans to manage flood risks and mass movements.</i> d. <i>Validation Workshop (Component C):</i> <ol style="list-style-type: none"> a. <i>Contribute to the validation workshop; and</i> b. <i>Support all necessary revisions that arise during the workshop, as appropriate.</i> 4) <i>Final Deliverables:</i> <ol style="list-style-type: none"> a. <i>Feasibility study of early warning systems for flood risk and mass movements.</i> <p>Qualifications</p> <ul style="list-style-type: none"> ▪ <i>Master’s degree or higher in a relevant field, such as environmental science, hydrology or engineering.</i> ▪ <i>Minimum 7 years of demonstrable experience in disaster risk management, hydrology, water resources management, sustainable development;</i> ▪ <i>Experience in design and implement disaster risk management systems.</i>
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	<ul style="list-style-type: none"> ▪ Experience with project development and results-based management methodologies is highly desired; ▪ Excellent analytical, writing, advocacy, presentation, and communications skills are required; and, ▪ Excellent written and oral communication skills in English and fluency in Spanish.
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<p><u>Consultant:</u> <u>Information</u> <u>Systems Specialist</u></p> <p>Type: NC</p> <p>Cost per person-week: USD 1,125</p> <p>Number of person-weeks needed: 8</p>	<p>Role Information Systems Specialist will support in design of the platform structure and mechanisms for the articulation of the information, as well as establishing the protocols for its operation and functioning.</p> <p>Deliverables</p> <ol style="list-style-type: none"> 1) Preparatory Technical Studies and Reviews (Component A): Prepare inputs and support the required analyses/studies, as agreed with the GEF PPG Team Leader, including: <ol style="list-style-type: none"> a. Collect information and experiences of information platform for water resources management. b. Hold specific meetings with water users and IWRM information 2) Formulation of the ProDoc, CEO Endorsement Request and Mandatory Annexes as well as project specific annexes (Component B): <ol style="list-style-type: none"> a. Define the scope, costs, schedule and responsible of information platform for water resources management. b. Identify the supply and demand of information for water resources management in transboundary river basins. 3) Validation Workshop (Component C): <ol style="list-style-type: none"> a. Contribute to the validation workshop; and b. Support all necessary revisions that arise during the workshop, as appropriate. 4) Final Deliverables: <ol style="list-style-type: none"> a. Feasibility study of design and implementing the binational information platform and mechanisms for the articulation of the information. <p>Qualifications:</p> <ul style="list-style-type: none"> ▪ Master’s degree or higher in a relevant field, such as systems engineering, programming and informatics. ▪ Minimum 7 years of demonstrable experience in information system, GIS, water resources management. ▪ Experience in design and implement web information platform. ▪ Experience with project development and results-based management methodologies is highly desired; ▪ Excellent analytical, writing, advocacy, presentation, and communications skills are required; and, ▪ Excellent written and oral communication skills in English and fluency in Spanish.
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