



TECHNICAL SPECIFICATIONS – TERMS OF REFERENCE INTELLECTUAL SERVICES

French Development Agency

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Concerning the service

**Enhanced Integrated Flood Resilience and Adaptation Investment Program (EIFRAIP)
– support to Component/output 1B and LGU participation partly contributing to
Component/output 3**

PHILIPPINES

CPH1035 EIFRAIP

SUMMARY

This study aims at assessing the capacity of LGUs of the 4 catchments targeted by EIFRAIP to contribute to an improved Integrated Water Resource Management (IWRM) and Flood Risk Management (FRM)¹. It should lead to the design of the component 1B of EIFRAIP under the direction of DILG supporting these LGUs and allowing some pilot activities under component 3 (see EIFRAIP summary in annex).

This contribution to EIFRAIP should differentiate the support needed for:

- LGUs of the downstream part of the catchments under sea influence, along coastal area
- LGUs of the middle part of the catchment at the foothill concentrating flood risk situation and main hydraulic infrastructure (EIFRAIP C2.2) and, consequently, resettlement activities (EIFRAIP C2.1),
- LGUs of the upper part of the catchment having some capacity to implement Nature-based Solutions (NBS) in their territory contributing to alleviate downstream constraints (EIFRAIP C3).

The proposed design for AFD supported activities under EIFRAIP C1B may include:

- A capacity building program coordinated by DILG – involving participation from DENR, DPWH and other key government agencies – supporting the three categories of LGUs to improve their knowledge regarding IWRM and FRM in order to be able to integrate in their practices and contribute more efficiently to EIFRAIP implementation and afterward to Operation and Maintenance of the infrastructure,
- Some pilot activities to be implemented with some specific LGUs (or/and with some identified NGOs in close relationship with such LGUs) contributing to EIFRAIP C3 and reducing constraints in the downstream part answering in the same time at an improved livelihood of local population.

This assignment is complementary to other studies under ADB financing contributing also to this general framework and should focus on LGUs capacities assessment and identifying existing potential partners. As far as possible, coordination with these other teams of consultants will be facilitated.

¹ The model developed for these river basins will apply to other basins that might be considered for upscaling under the program

Table of content

ARTICLE 1. PRESENTATION OF THE PRESCRIPTION SERVICE	4
ARTICLE 2. SUBJECT OF THE CONTRACT	4
ARTICLE 3. OBJECTIVE OF THE ASSIGNMENT	5
ARTICLE 4 EXPECTED SERVICE	7
Mission 1. Identification of prerequisites for the LGUs' contribution to the three program components and coordination arrangements for the DILG	7
1.1. Component 1B: Flood risk informed planning and locally led FRM initiatives	7
1.2. Component 2A: supporting RAP/LRP implementation at the LGU level.	9
1.3. Component 2B : Institutional strengthening needs at the watershed level	10
Mission 2- Enhancing EIFRAIP project design and DILG/LGUs participation.	11
2.1. component 1B – Developing a project implementation plan for DILG led component	11
2.2. component 2 & 3 – providing operational recommendations for DILG to support program implementation.	12
Mission 3. Scoping study to launch a NBS pilot project in partnership with Civil Society and LGUs	12
ARTICLE 5. TERMS OF THE ASSIGNMENT	13
1.1. Duration and costing	13
1.2. Reports	13
1.3. Team composition and qualifications	14
ANNEX 1 EIFRAIP SUMMARY OF THE PROGRAM EXPECTED OUTCOMES	17
ANNEX 2 ADB GoP MoU REGARDING EIFRAIP	
ANNEX 3 CONCEPT NOTE REGARDING DILG PARTICIPATION IN EIFRAIP	
ANNEX 4 COMMUNITY BASED FLOOD RISK MANAGEMENT AS IN INFRA 1 PROJECT	
ANNEX 5 LIST OF INVOLVED LGUs BY CATCHMENT	

ARTICLE 1. PRESENTATION OF THE PRESCRIPTION SERVICE

The Agence Française de Développement (AFD) group is a public institution that finances, supports and accelerates transitions towards a more just and sustainable world. French platform for official development assistance and sustainable development investment, we are building shared solutions with our partners, with and for the people of the Global South. Our teams are involved in more than 4,000 projects on the ground, in the French Overseas Territories and in 115 countries, for the common goods of humanity – climate, biodiversity, peace, gender equality, education and health. We are thus contributing to the commitment of France and the French people to the Sustainable Development Goals, for a world in common. Through grants, loans, guarantee funds or deleveraging and development contracts, AFD finances projects, programs and studies and supports its partners in the South in building their capacities.

The prescribing service for this contract is AFD's Water and Sanitation Division (EAA). Its mission is to promote and lead interventions in the areas of water resource management, flood prevention and protection, strengthening hydrometeorological services, access to drinking water and wastewater treatment and stormwater, in both rural and urban areas. The EAA division is responsible for the appraisal, negotiation, contracting, implementation, and monitoring of AFD financing operations in this sector. It also participates in the consultation on sectoral policies with the equivalent sectoral structures of bilateral and multilateral donors. It also develops a permanent strategic reflection on its themes (thematic notes, sectoral, synthesis of experiences and capitalization on ongoing operations).

ARTICLE 2. SUBJECT OF THE CONTRACT

The EIFRAIP is the next phase of Integrated Flood Resilience and Adaptation (INFRA 1) program, appraised in 2023 and under implementation. The program aims at integrating both Integrated Water Resources Management (IWRM) and Flood Risk Management (FRM) at the river basin level, proposing a convergence approach to (i) make flood risk management more operational, (ii) develop water infrastructure and enhance O&M, and (iii) restore watershed ecological functions. The program targets 4 river basins located in Luzon, Visayas and Mindanao, with possibility of extension to other river basins.² The program would be implemented in tranches, with phased implementation of investment activities based on the activities' readiness for contract award, prospective contractors' access to project sites, and availability of requisite permits and safeguard clearances to proceed with civil works. The **Memorandum of Understanding (MoU)**, signed between the Government of Philippines (GoPh) and the Asian development Bank (ADB), presenting the program is attached in **Annex 2**.

Following the approval of the MoU, the Department of Interior and Local Government (DILG) and the co-financers (AFD/ADB) proposed a **concept note** related to the participation of DILG into the program, attached in **Annex 3**. The concept note defined different responsibilities for DILG and the LGUs within the program. **DILG shall lead the implementation of Component 1B** aiming at mainstreaming FRM in local planning and supporting LGUs in preparing and implementing FRM initiatives on their own funds. In addition to Component 1B, DILG should

² Other 6 river basins are being prepared under the IPIF.

provide support to the Department of Public Works and Highway (DPWH) and Department of Environment and Natural Resources (DENR) to **mobilize and support** LGUs in the implementation of **the Component 2 and 3**.

As far as the Component 1B is concerned, the proposed activities are based on a subcomponent implementation plan developed for a previous ADB financing entitled INFRA1 in 2021, entitled “community based flood risk management”. This initial plan, **attached in annex 4**, also include 3 river basins covered by EIFRAIP.

The DILG concept note (annex 3) proposes to recalibrate this component by mainly focusing on (i) mainstreaming FRM in local planning and (ii) LGU institutional strengthening. This specific sub-component will be under the responsibility of DILG, designated as one of the three program implementing agencies.

As far as the other components are concerned, the implication of LGUs in the project is currently limited, as their role is mainly to implement potential activities under the Livelihood Restoration Program (LRP) (management of risks, with potential backlash of Project Affected Persons - PAPs) mobilising mainly downstream LUG. The limited LGUs ownership may hinder project implementation, leading to project implementation delay or degradation of results (i.e. if misalignment of investments actions, support of PAPs refusing to be relocated and/or compensated). Therefore, DILG should support further implication of LGUs to mainstream FRM in local planning (EIFRAIP C1B), support preparation of LGUs led FRM initiatives (EIFRAIP C1A & C1B), implement Livelihood Restoration Plan (EIFRAIP C2A), develop and implement Operation and Maintenance plan of the proposed infrastructures (EIFRAIP C2B), and strengthen LGUs capacity to restore watershed ecological functions.

ARTICLE 3. OBJECTIVE OF THE ASSIGNMENT

AFD intends to support DILG in preparing for the implementation of the program components under its responsibility, as defined in the Concept Note (Annex 3). The technical advisory consultants to be engaged will support DILG in planning the respective contributions of DILG and the LGUs to EIFRAIP across its different components, taking into account existing capacities.

The technical advisory services shall include the following aspect:

For EIFRAIP C1B (DILG as lead agency): based on the “community based flood risk management”, define a program support aiming to (i) ensure that local planning documents are flood risk informed, and (ii) strengthen LGUs capacity to design and implement FRM initiatives.

For EIFRAIP C2 and C3 (DILG as support agency): provide recommendations for DILG to support EIFRAIP C2, including Livelihood restoration plan (2A), Operation and Maintenance plan (2C) and watershed management (3C). The recommendations should be based on the expected roles and capacities of LGUs and River Basin Management Council in carrying out the proposed activities.

In addition to DILG’s proposed responsibilities under EIFRAIP, the Consultant shall prepare a pre-feasibility study to identify a potential Nature-based Solutions (NbS) pilot project involving LGUs and local communities, with a view to demonstrating the feasibility of achieving the main

objective of Component 3. The pre-feasibility study shall support AFD in identifying potential implementation partners, including LGUs and other locally engaged stakeholders (e.g. NGOs), and shall be aligned with the overall strategic framework currently being developed by DENR and ADB.

These advisory services shall clearly identify the actions to be undertaken by LGUs, taking into account their existing capacities, to ensure that they effectively contribute to flood risk management governance and to the implementation of operational measures for flood risk prevention and adaptation.

Available bibliography

Ongoing studies under ADB TA:

- Watershed management prefeasibility firm, under implementation by ICEM (EIFRAIP C3)
- integrating Nature-based Solutions into flood risk management within the Pampanga River Basin, Central Luzon, Philippines by Haskoning and Wetland international (part of EIFRAIP C2).

Previous completed studies:

- *final report output 3 - community based flood risk management subcomponent (dec 2021) – **main document for revising component 1B***
 - *FS for the 3 river basins with associated flood maps*
 - o EIFRAIP 01 Apayao Abulug River Basin FS
 - o EIFRAIP 02 Buayan Malungon River Basin FS
 - o EIFRAIP 03 Jalaur River Basin
- possibly complemented by master plan providing broader activities
- *Draft RAP and Livelihood restoration plan (LRP) per river basin (to be confirmed)*

Others:

- Ownership of the DRREALL 1 project reports and knowledge of the DRREALL 2 capacity building program implemented by Expertise France: understanding of the scales and competencies of risk management and adaptation actions, needs covered by DRREALL 1 and 2 and strengthened capacities that could be mobilized for EIFRAP
- Draft policy brief on decentralised water management (DRREALL)
- Draft policy brief on DRRM funds (DREALL)
- National policy and regulatory framework for risk management and adaptation to climate change (main laws, regulations, and dedicated budgets)
- Review project documentation dated from December 2021, the stakeholder action plan, and level of advancement for the concerned LGUs on CLUP formulation.
- Ownership of the DRREALL 1 project reports and knowledge of the DRREALL 2 capacity building program implemented by Expertise France: understanding of the scales and competencies of risk management and adaptation actions, needs covered by DRREALL 1 and 2 and strengthened capacities that could be mobilized for EIFRAP
- Draft policy brief on decentralised water management (DRREALL)

- Draft policy brief on DRRM funds (DRREALL)
- The ADB's scoping documents for the EIFRAIP project,
- National policy and regulatory framework for risk management and adaptation to climate change (main laws, regulations, and dedicated budgets)

Scope of works: the global scope of works, defined by the EIFRAIP boundaries, includes the 4 river basis. The total list of LGUs (both municipalities/cities and provinces) for consideration is given in **annex 5**. However, the list of relevant LGUs is to be considered by output.

- For the component 1B, the priority LGUs are the ones facing residual flooding (as identified by the EIFRAIP feasibility study – EGIS consultant).
- for the component 2A, the list of relevant LGUs are the ones involved in the draft Livelihood Restoration Plan, prepared by the DPWH consultants (EGIS and Haskoning in particular)
- for the component 3, the LGUs located in strategic area for restoring ecological functions within the watershed, considering DENR consultants first inputs (ICEM in particular).

The consultant is encouraged to propose a sampling methodology to carry out the different capacity assessment at the LGU level, taking into account the budget and timing constraints.

ARTICLE 4 EXPECTED SERVICE

The present assignment is divided into two (2) phases:

- **The firm phase**, which includes Mission 1 and Mission 2, as described below. This phase will be carried out systematically upon notification of the contract.
- **The optional phase**, which includes Mission 3, as described below. The activation of this phase is at the discretion of the contracting authority, depending on its needs, It may be notified to the contract holder by service order, under the conditions and within the timeframes set out in section 2.4 of the Contrat Unique (CU)).

MISSION 1. IDENTIFICATION OF PREREQUISITES FOR THE LGUs' CONTRIBUTION TO THE THREE PROGRAM COMPONENTS AND COORDINATION ARRANGEMENTS FOR THE DILG

1.1. COMPONENT 1B: FLOOD RISK INFORMED PLANNING AND LOCALLY LED FRM INITIATIVES

- Clarify the existing governance (public and private stakeholders, skills, funding, qualified human resources) in terms of disaster risk management, adaptation to climate change at national and local level and the relationships between these levels.
 - Review the role and responsibility of both National Government and LGU in reviewing and adopting upgraded plans, identifying critical milestones / bottlenecks. Clarify the role for both DILG and DHSUD

- Assess the institutional capacity gaps for the selected LGUs to update, adopt and enforce flood informed planning and for NGs (DILG/DHSUD) to oversee/support LGUs
 - In the light of all the national and local stakeholders involved (DILG, DHSUD, DPWH, PAGASA, DENR, LGUs): clarify the role and capacity of DILG to (i) support mainstreaming of FMR in local planning and (ii) support LGU in preparing and developing FRM initiatives using their own resources, such as the LDRRMF.
- Map existing projects – initiatives (including DRREALL project supported by AFD, or integrated coastal management by the National Blue Carbon Action Plan), related to FRM / DRM / climate change adaptation and support to LGUs: identify the capacity building already carried out with the LGUs in disaster risk management – climate adaptation (including in the DRREALL project and other projects), ecosystem-based adaptation and the main needs already covered or remaining.
- On-going activities has been identified under the lead of DPWH in particular Bamboo dams designed to secure the implementation of “room for the river” strategy along the main rivers.
- ADB also launched a TA assignment implemented by Haskoning and wetlands International to identify possible NBS in Pampanga river basin, on which a specific focus may be interesting. A feasibility study for the proposed retarding basin at San Antonio swap along Pampanga river is also available.
- **Assess the level of readiness/capacity of LGUs** facing residual floods as per EIFRAIP flood map to directly or through RBMC and RBCO (specify for each point) to:
- Produce data (or process external data) relating to (i) current hydrometeorological hazards and their future developments taking into account the latest IPCC projections (AR6) and (ii) risk analysis by cross-referencing in particular the projected demographic and economic developments.
 - Coordinate and share data with the national level and the responsible institutions and manage interoperability (issue identified by DRREALL 1) with the existing GoP tools/system (GeoRisk, etc...)
 - Appropriate these data to produce a diagnosis and key points to support risk (current and future risks) informed planning,
 - Mobilize both technical data and sensitive approaches to support the production of the shared diagnosis and their appropriation (landscape approach, risk memory support, etc.) within the LGUs and with communities (link with component 3 – ADB),
 - **formulate and define** Local Disaster Risk Reduction and Management Plan (LDRRMP) and Local Climate Change Action Plan (LCCAP) ; identification of the different prevention solutions (NbS, grey solutions, relocation), ability to design them in an adaptive pathway (combining short, medium, and long-term solutions),
 - **implement** risk informed planning (current risks and their evolution with climate change) based on LDRRMP and LCCAP in Comprehensive Development Plans (CDPs) and Comprehensive Land Use Plans (CLUPs) : definition and choice of preventive measures/adaptation solutions (including Nature-based solutions), and their combination in the short and medium term, definition of regulatory zoning to support the adaptation pathway, etc.
 - The consultant shall have a specific focus on the use of LRRDM fund to support the implementation of the measures defined in the adaptation path. More broadly, it will be a matter of identifying the possible strengthening of synergies between the teams managing local budgets and those in charge of development and risk management/adaptation to climate change. The objective

being to identify the margins for maneuver contributing to a budgetary management fully integrating the territory's adaptation trajectory.

- **The capacity to work with communities and Civil society** organization shall also be assessed and can mobilize the principles for locally led adaptation.
- **Enforce** CLUPs and the no development zone (river bank, forest area, etc...).
- **Enforce** planning documents **to identify and support development in habitable areas** in the medium to long term with regard to future risks.
- Clarify the complementarity/or possible overlapping of the different existing plans, particularly between disaster risk management and adaptation to climate change (Local Disaster Risk Reduction and Management Plan (LDRRMP) ; Local Climate Change Action Plan (LCCAP) ; Biodiversity conservation / restoration plans, Comprehensive Development Plans (CDPs) ; Comprehensive Land Use Plans (CLUPs))
- **Design complementary risk reduction measures** (upstream, midstream and coastal) complementary to the investments planned under component 2 (ex: dynamic slowdown, local drainage system, solid waste management plan for enhancing drainage system, improvement of EWS, information and communication, etc...)
- **Manage residual risk** (existing early warning system, crisis management unit and local crisis management plan, etc.) and anticipate the arrangements for relief in case of disaster including the financial mechanisms that bear residual risks.

Deliverables

- *Inception: Review of documentation and mapping of stakeholders and existing initiatives at LGUs and NGs level to mainstream FRM or DRM into planning and projects.*
- *Synthesis of the current capacities/ readiness of LGUs to (i) mainstream flood and coastal risk management into local planning flood and (ii) design and implement FRM initiatives.*
- *Catalogue of locally led FRM initiatives to complement EIFRAIP investments planned in Component 2 and 3.*
- *Synthesis of the current capacities/readiness of NGs to support LGUs in these last two items.*

1.2. COMPONENT 2A: SUPPORTING RAP/LRP IMPLEMENTATION AT THE LGU LEVEL.

The investments planned under the EIFRAIP C2 (FRM infrastructures and water storage developed or upgraded), will negatively impact people who are currently located in the proposed infrastructure footprint. As per national and ADB/AFD safeguard policies, the implementing agency (DPWH), is currently preparing Resettlement Action Plan (RAP) and Livelihood Restoration Program (LRP), and a list of LRP concerned LGUs was identified (Annex 5).

The foreseen LRP activities may include training and social welfare programs that the LGUs regularly carries out as part of their socio-economic missions. The implementing agency would therefore wish to request LGUs support for directly implementing some of the EIFRAIP LRP activities under their local program.

As the capacity to implement socio economic activities vary from one LGU to another, DILG would be required to facilitate coordination and support to the concerned LGUs. To do so,

DILG wishes to better understand the existing programs and capacities of the LGUs, in order to propose a supporting program.

The consultant is therefore asked to (i) review existing livelihood and social programs, including low income housing programs, at the LGUs level that could be mobilised for implementing EIFRAIP LRP activities; (ii) review the existing institutional capacity of the concerned LGUs to include EIFRAIP Person Affected by the Project (PAPs) in their program and to deliver the LRP activities. In particular, the assessment shall review the LGU available human resources, their expertise, their ability to coordinate, the existing programs and budgets, capacity to involve local communities/civil society in all these processes.

A sampling methodology will be proposed to ensure that the capacity need assessment will cover the differently capacitated LGUs in the River basin.

Deliverables:

- *review of the draft LRP to identify the LRP activities that might be delivered by the LGUs*
- *capacity need assessment of the LGUs to deliver LRP activities based on their existing program and experience*

1.3. COMPONENT 2B : INSTITUTIONAL STRENGTHENING NEEDS AT THE WATERSHED LEVEL

The DRREALL 1 project identifies a challenge of structuring governance at the watershed level, while the National Blue Carbon Action Plan (NBCAP) insisted on the need to strengthen governance at the coastal level (hydro-sedimentary cell). The jurisdictional boundary of the LGUs is too limited, as are their human and financial resources, to support the integration of flood risk management into development at this scale. The National Government set up coordination structures such as River Basin management councils (RBMC) and the River Basin Control Office (RBCO), to ease decision making and program implementation.

The Consultant shall inform about the existing operational conditions and capacity for LGUs' participation in this type of structure (RBMC and RBCO) to implement their mandates and more especially for (i) ensuring convergence between RBMC members (ii) and supporting Operations and Maintenance of protection infrastructure and NbS and (iii) support local community initiatives in watershed management. Other responsibilities or actions that fall specifically within the purview of local government units (based on the assessment of Component 1B) may also be identified, and these could be relevant or feasible to transfer to these bodies to strengthen flood risk management and climate change adaptation.

This **institutional capacity assessment** shall also include the capacity of the national Government (DILG, DENR, DTI) to provide guidance and support to such institution. it can also draw lessons learnt from the policy brief commissioned by Expertise France on "Strengthening Integrated River Basin Governance for DRR-CCA in the Philippines". This assessment shall question the available human resources, their expertise, their ability to coordinate, the existing tools/regulatory framework, the existing budgets, their ability to effectively mobilize them, and the capacity to mobilize civil society organizations.

Deliverables:

- *institutional capacity assessment to ensure coordination and convergence at the watershed level*

MISSION 2- ENHANCING EIFRAIP PROJECT DESIGN AND DILG/LGUS PARTICIPATION.

The consultant should build on the assessment carried out in mission 1 in order to enhance project design and further define the program implementation plan for DILG.

2.1. COMPONENT 1B – DEVELOPING A PROJECT IMPLEMENTATION PLAN FOR DILG LED COMPONENT

Description and activities

The consultant shall advise DILG to adjust the project implementation plan for EIFRAIP C1B, which would include 2 main outputs: (i) mainstreaming FRM in local planning and (ii) supporting LGUs in designing and implementing complementary FRM initiatives through the use of the LDRRMF.

In view of the needs identified beforehand, the consultants shall define the detailed activities based on a “technical assistance menu” that would be proposed by DILG to strengthen LGU capacity on the 2 main expected inputs. the TA packages shall address the identified needs, and may include the following:

- Data collection and analysis,
- Appropriation of data's with sensitive approaches to support the operational deployment of the locally led adaptation principles,
- Formulate and define LDRRMP and Local Climate Change Action Plan in a cross sectoral approach, articulate them with prevention solutions (Nbs, grey solutions, relocation) and including this work in an adaptation pathway approach. Implement flood risk informed planning in CDPs and CLUPs.
- Formulate how LGUs can better mobilize risk management financial funds and better articulate their prevention/adaptation program with their local budgetary trajectory.
- Integrate this entire approach into the prevention actions (Grey solutions, relocation) funded by the ADB and implemented by the DILGs and DPWH (link with mission 3 and 4).

The consultants shall also define implementation modalities, specifying the role, responsibility, support and coordination that the DILG would provide in coordination with the other national authorities competent on flood risk management.

This PIP shall be based on **extensive participatory activities** to enhance the project ownership by DILG and LGUs. The participatory methodology proposed by the consultant shall be assessed during bid evaluation;

Deliverables:

- *Revised Project implementation plan for DILG, including at least the following aspect*
 - *Review of project rationale and objectives*
 - *Logical framework with M&E*
 - *Detailed activities (CB action and other TA) with costing and timeline*
 - *Roadmap to enhance project readiness*
 - *Implementation modalities and institutional arrangement (PMO, PMSC, interagency coordination, etc...)*

- *Project procurement strategy with description of main packages and timeline*

2.2. COMPONENT 2 & 3 – PROVIDING OPERATIONAL RECOMMENDATIONS FOR DILG TO SUPPORT PROGRAM IMPLEMENTATION.

For the components where DILG will act as a support agency, the consultant shall provide recommendations to:

- ensure coordination between DPWH and LGUs on RAP and LRP implementation. The consultant shall also define the role and conditions for LGUs to participate in LRP implementation, based on their capacities and the relevance of existing LGU livelihood programs. The consultant shall also propose budgeted activities for DILG to support LRP implementation at the local level.
- Effectively strengthen LGUs coordination at the watershed level. The consultant shall define the prerequisites for the implementation of an inter-LGU governance at the scale of a river Basin - River Basin Management Councils i.e, with the overall support and guidance of the National Governance. The consultant shall propose a program of actions to effectively deploy this governance and the key steps as well as the expected results, starting with the development and implementation of an **Operation and Maintenance plan for the infrastructures developed by the program and under LGUs responsibility under component 2.**

Deliverable:

- operational recommendations for DILG to support the implementation of C2 & 3, with list of activities, modalities of intervention and budget

MISSION 3. SCOPING STUDY TO LAUNCH A NBS PILOT PROJECT IN PARTNERSHIP WITH CIVIL SOCIETY AND LGUS

*This **mission is optional** and will be implemented if the precondition are met: (i) technical identification of NbS opportunities under ADB driven consultancy, (ii) existing LGUs or local partners with sufficient maturity to implement investment project based on NBS concept in the watershed, as identified in Mission 1 and 2.*

Taking into account the ongoing prefeasibility study related to component 3, the consultant shall support AFD and the Government of Philippines (DENR, DILG, DPWH) to identify the scope of a NbS pilot project that will help demonstrate the type of projects and mechanism that would be put in place for restoring the ecological function of the watershed at scale.

In complementary with the other ongoing studies, the consultant shall identify the potential stakeholders (Non Governmental Organization, Community based Organisation, LGUs), active in the field, if possible in any of the 4 water basins, that may play a role in the definition and implementation of the pilot project.

As already mentioned in Mission 1 paragraph, some specific focus on territories where existing activities in line with NBS concept has already been identified or where NBS opportunities has been identified by previous studies should be prioritized.

The main stakeholders identified for piloting NBS (DENR, DILG, LGUs, Local Partners) shall co-design the main features of the pilot project that would then be financed by AFD during

EIFRAIP implementation. The consultant shall prepare and facilitate different participatory workshops and produce a scoping note.

Deliverable:

- *scoping note presenting the strategy to deploy a NbS piloting phase under EIFRAIP component 3. This note shall be based on the co-design workshops organised with the main stakeholders.*

ARTICLE 5. TERMS OF THE ASSIGNMENT

1.1. DURATION AND COSTING

The duration of the assignment is 6 months.

The contract will include Provisional Sums for workshops and consultations, map/data acquisition. The maximum budget is 300k€, including 50k€ for the optional tranche.

1.2. REPORTS

The consultant shall submit the following report:

Deliverables	Timeline	
<i>Inception report</i>	<i>4 weeks</i>	- <i>confirmation of the detailed methodology and workplan, proposed adjustment</i> <i>Literature review of the main documents listed in the ToR, and mapping of the existing projects and initiatives to enhance FRM in Local Planning and to support LGUs in designing and implement locally led FRM initiative.</i>
<i>Output 1 report (mission 1)</i>	<i>Week 12</i>	<i>C1B: Synthesis of the current capacities/ readiness of LGUs for both outputs (local planning and project support), catalogue of locally led FRM initiatives to complement EIFRAIP investments planned in Component 2 and 3.</i> <i>C2A: review of potential LGUs socio economic program to mobilise for LRP implementation, institutional capacity assessment of potential LGUs involved.</i> <i>C2B: institutional assessment of LGUs and RMBCO to ensure coordination and convergence at the watershed level</i>
<i>Output 2 report (mission 2)</i>	<i>Week 20</i>	<i>C1B: revised project implementation plan with logical framework, M&E framework, detailed activities, costing and timeline, implementation modalities and</i>

		<i>financial arrangements, procurement plan, and 6 month accelerator for project kick off.</i> <i>C2&3: set of strategic recommendations to enhance LGUs participation in EIFRAIP outcomes 2&3, with proposed activities for DILG, initial costing and implementation modalities.</i>
Output 3 (Mission 3)	Week 24	<i>C3: stakeholder mapping of potential NbS implementors identified in the EIFRAIP ecological hotspots, based on their experience, capacity to deploy and willingness to participate</i> <i>scoping note for piloting NbS framework during phase 1, featuring conditions of success, modalities of implementation, and financing arrangement. The scope would be co-designed with main stakeholders</i>

1.3. TEAM COMPOSITION AND QUALIFICATIONS

The consultant must demonstrate proven experience in assignments carried out in similar contexts, with particular attention to international assignments and to the ability to operate in multicultural, multi-stakeholder environments, notably in the Philippines or in comparable regional contexts. Where relevant, the consultant may draw on complementary expertise, including through a consortium arrangement, it being understood that forming such a consortium shall not be a mandatory requirement.

An indicative team composition and estimated inputs is provided below for reference. The consultant's proposal must include several **key** specialists (labelled below) that will be evaluated. The consultant may also include several **non-key** specialists and may add/delete/amend those included in the table below

Position	Type *	Key / Non-Key	Estimated Inputs (PM)	Tasks	Qualifications
* International: When experience in several countries and full English proficiency is necessary National: When experience in The Philippines proficiency is necessary					
Flood risk Management specialist (Team Leader)	International	KEY	4	will lead the project implementation plan for mainstreaming and will manage high-level relationships with AFD, DILG, and other partners	The specialist must have at least a graduate degree (preferably post-graduate degree) in flood risk Management, Water Resources Management, Disaster Risk Management, climate change adaptation or a related field. They should ideally have 12 years' experience in preparing, designing, and implementing integrated watershed management, DRM-climate change adaptation or water resources projects. Country experience in the Philippines or Southeast Asia is preferred. As team lead, they should ideally have 7 years' experience in leading preparation and implementation of watershed management or water resources projects involving local government and local communities. Country experience in the Philippines or Southeast Asia is preferred.
Governance and Institutional strengthening specialist	International	KEY	5	Will lead the institutional assessments and the design of the capacity building support and implementation modalities to enhance coordination and coherence between LGUs and National Governments.	The specialist must have at least a graduate degree in Governance, public affairs, business and administration management, or a related field. They should ideally have 10 years' experience in designing and implementing capacity building program, preferably in the field of disaster risk management – climate change adaptation and water management, involving both local government units and national agencies as well as local communities. Experience in participatory approach to design capacity building program (collective intelligence, serious game etc...) is required. Country experience in the Philippines or Southeast Asia is preferred.
Watershed specialist	International	KEY	4	Will lead the identification of locally led solutions for improving watershed management, in complementary with the	The specialist must have at least a graduate degree (preferably post-graduate degree) in Watershed Management, Water Resources Engineering, Environmental Science, or a related field. They should ideally have 7 years' experience in preparing, designing, and implementing integrated watershed

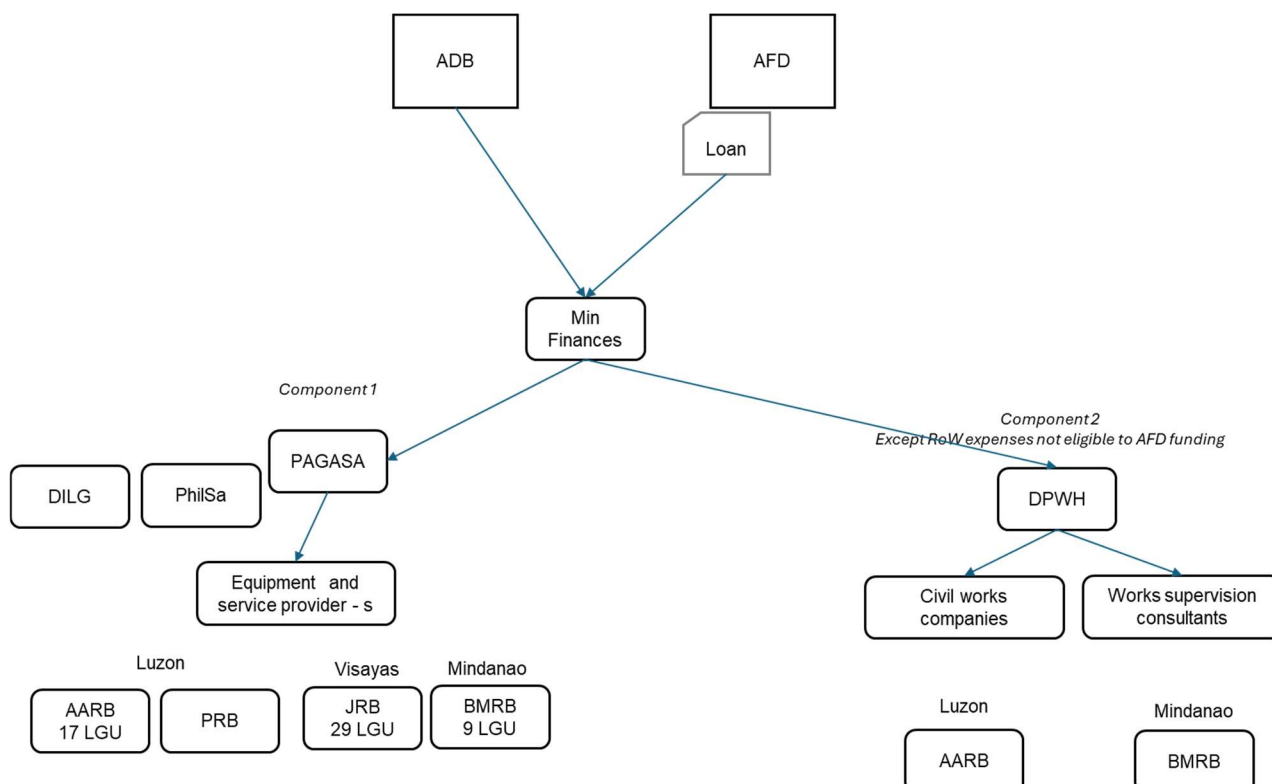
				grey infrastructure design.	management or water resources projects. Country experience in the Philippines or Southeast Asia is preferred.
Agroforestry & Livelihood Specialist	National	Non Key	1.5	Will design the site-specific planting modules and livelihood incentive packages on the Component 3 (scoping note) and Capacity Building for LGUs led initiatives	The specialist must have a bachelor's degree in Forestry, Agriculture, Agroforestry, or a related field. Licensed Forester or Agriculturist is preferred. They should ideally have 7 years' experience in community-based forest management, upland, and nature-based solutions.
Community engagement specialist	National	KEY	6	Will facilitate entry into project sites and manage stakeholder relationships, and coordinate consultations.	The specialist must have a bachelor's degree in Sociology, Anthropology, Community Development, or a related field. They should ideally have 7 years' experience in community organizing and stakeholder engagement in rural Philippines. DFIs experience is preferred.
Spatial planning specialist	National	Non Key	3	Will handle all spatial analysis and consolidation of data sources. Will help to the diagnostic considering the urban-planing and FRM component and local planning skills	The specialist must have a bachelor's degree in land-use planning, geography, information technology or a related field. They should ideally have 7 years' experience in GIS applications for land use planning, and Disaster Risk Management plan / adaptation pathway. The specialist must have a bachelor's degree in Geodetic Engineering, Geography, urban planning, Information Technology, or a related field. They should ideally have 4 years' experience in GIS applications for environmental or engineering projects. ADB or IFI experience is preferred.
Livelihood Restoration specialist	National	Non Key	2	Will review LRP and facilitate discussion with LGUs on socio economic activities	The specialist must have a bachelor's degree in Poverty alleviation, Community Development, or a related field. They should ideally have 7 years' experience in community organizing and stakeholder engagement in rural Philippines. DFIs experience is preferred.

ANNEX 1

EIFRAIP SUMMARY OF THE PROGRAM EXPECTED OUTCOMES

Component	Implementing Agency
Output 1: Flood risk management made operational.	
1.A Flood Forecasting and Early Warning operationalized	(DPWH in collaboration with PAGASA)
1.B Institutional capacity for Flood Risk Management enhanced	(DILG, TBC)
Output 2: Water infrastructure developed and O&M enhanced	
Right of way acquisition, relocation and payment of other entitlements and associated livelihood restoration and improvement programs delivered	(DPWH)
2.B FRM infrastructure and water storage developed or upgraded	(DPWH)
2.C River O&M processes and capacity improved	(DPWH)
2.D Project Management Construction Supervision, and Engineering Design	(DPWH)
Output 3: Watershed ecological functions restored	
3.A Agroecological landscape restoration interventions scaled-up	(DENR)
3.B Rural livelihoods diversified and improved	(DENR)
3.C Capacities and systems for watershed planning and management strengthened	(DENR)
3.D Sustainable and innovative finance mechanisms implemented	(DENR)

Component 1A and 2 framework



ANNEX 2
ADB GOP MOU REGARDING EIFRAIP

ANNEX 3
CONCEPT NOTE REGARDING
DILG PARTICIPATION IN EIFRAIP

ANNEX 4
COMMUNITY BASED FLOOD RISK MANAGEMENT
AS IN INFRA 1 PROJECT

ANNEX 5
LIST OF INVOLVED LGUs BY CATCHMENT