

**TERMS OF REFERENCE**  
**Monitoring & Evaluation Consultancy**  
**Integrated Flood Resilience & Adaptation Project (IFRAP)**

## **1. Background**

The 2022 floods in Pakistan, caused by heavy monsoon rains from June to September, significantly impacted the Sindh and Balochistan regions, affecting 33 million people and destroying over 13,000 kilometers of roads. Infrastructure damages included 2.2 million homes and approximately 9.4 million acres of agricultural land, coupled with the loss of about 1.2 million livestock, severely impacting rural livelihoods. Market access limitations and supply chain disruptions led to a spike in food prices and severe food shortages, with inflation rising above 50 percent. The destruction of critical infrastructure also compromised access to education and healthcare, potentially affecting long-term human capital development. The national poverty rate is projected to increase by up to 4 percentage points, potentially pushing an additional 9 million people into poverty. The Post-Disaster Needs Assessment estimates rehabilitation and reconstruction needs at US\$16.3 billion, excluding further investments to bolster resilience against future disasters.

The 2022 floods have significantly affected Balochistan, exacerbating the socioeconomic challenges and increasing the multidimensional poverty rate from 70.2% to 81.1%. Agriculture, which represents 52% of the provincial GDP and employs 67% of the workforce, suffered the most. The province lost over 500,000 livestock—63% of the national total—resulting in production losses of PKR 79,619 million. This has severely impacted the livelihoods of 70% of households that depend on livestock. Crop failures during the Kharif season further compromised food security and livelihoods. Since the floods, commodity prices have spiked, leading to the highest rate of food insecurity in the country at 23.4% in Balochistan. The province also sustained extensive damage to its infrastructure, including the destruction of 305 primary health facilities and damage to another 282, disrupting essential health services. As a result, 59% of the population now lacks adequate access to health care. Additionally, about 2,000 classrooms were damaged across 515 villages, with recovery costs exceeding PKR 24.4 million. Infrastructure damages have effectively isolated most of the province, with 2,222 km of roads and 43 bridges damaged, severely restricting access to healthcare, markets, and other vital services. The floods also damaged over 190,000 housing units, including nearly 69,000 units destroyed and more than 120,000 partially damaged. Disruptions in cellular networks have further hindered economic activities. Additionally, 456 flood protection and irrigation schemes have been either partially damaged or destroyed, compounding the region's challenges.

## **2. Project Overview**

For catering the needs of affectees of Balochistan, the Federal Project Management Unit (FPMU) established under the Ministry of Planning, Development and Special Initiatives of Pakistan and in collaboration with the Government of Balochistan, will operate from Islamabad. It will manage, plan, supervise, monitor, and provide technical assistance for all Project Implementation Units (PIUs) of Integrated Flood Resilience and Adaptation Project (IFRAP). The Project aims to support (i) Community Infrastructure rehabilitation, (ii) Strengthening Hydromet and Climate Services, (iii) Resilient Housing Reconstruction and Restoration (iv) Livelihood Support and Watershed Management, and (v) Project Management, Technical Assistance, and Institutional

Strengthening. The Project also includes a Contingent Emergency Response Component (CERC) to allow flexibility to reallocate funds in case of an eligible emergency during project implementation.

## **2.1. Project Components**

The project consists of total six (06) components. The brief overview is as follows: -

### **Community Infrastructure Rehabilitation - Component 1**

This component aims to rehabilitate key community infrastructures in Balochistan damaged by floods, focusing on irrigation, flood protection, water supply, roads, bridges, and small community facilities. It emphasizes building back better with improved design standards and resilience. Technical assistance will support the design, supervision, and operation of these infrastructures.

- **Sub-component 1.1:** Rehabilitation of Irrigation and Flood Control Infrastructure.
- **Sub-component 1.2:** Restoration of Water Supply Schemes.
- **Sub-component 1.3:** Reconstruction and Rehabilitation of Roads and Bridges.
- **Sub-component 1.4:** Restoration of Small Community Facilities.

### **Strengthening Hydromet and Climate Services - Component 2**

This component will enhance the capability of the Pakistan Meteorological Department (PMD) to generate and use Hydromet information for better decision-making, benefiting Balochistan and all of Pakistan. It includes improving climate and flood forecasting capabilities and expanding early warning systems.

- **Sub-component 2.1:** Modernization of Observation Infrastructure, Data Management, and Forecasting Systems.
- **Sub-component 2.2:** Provision of Technical Assistance, Institutional Strengthening, and Capacity Building.

### **Resilient Housing Reconstruction and Restoration - Component 3**

This component provides grants for the reconstruction of flood-damaged housing, promoting multi-hazard resistant construction. It includes technical assistance and institutional strengthening for resilient housing reconstruction in Balochistan.

- **Sub-component 3.1:** Beneficiary-driven Housing Reconstruction Grants.
- **Sub-component 3.2:** Technical Assistance and Institutional Strengthening.

### **Livelihood Support and Watershed Management - Component 4**

This component offers livelihood grants to smallholder farmers and agribusinesses for enhancing agricultural and livestock-based livelihoods. It also supports community grants for watershed restoration, promoting climate-smart agriculture and resilient natural resource-based livelihoods.

### **Project Management, Technical Assistance, and Institutional Strengthening - Component 5**

This component supports project management for federal and provincial units, technical assistance for monitoring and evaluation, and institutional strengthening. It includes capacity building, preparation of studies, and consultancy services to enhance project implementation.

### **Contingent Emergency Response - Component 6**

This component provides a mechanism for immediate response to emergencies. It allows the reallocation of project funds to support response and reconstruction following a major disaster, guided by a Contingent Emergency Response Component (CERC) Operations Manual.

The brief details of each component and sub-components can be accessed through the footnote link.<sup>1</sup>

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<sup>1</sup> [Pakistan - Integrated Flood Resilience and Adaptation Project \(worldbank.org\)](https://www.worldbank.org/).

## **2.2. Project Development Objectives**

The project development objective (PDO) is to improve livelihoods and essential services and enhance flood risk protection in selected communities affected by the 2022 floods.

## **2.3. Project Beneficiaries**

The Project will benefit approximately 2.7 million people in selected communities affected by the 2022 floods in calamity-declared districts across Balochistan province. Direct beneficiaries include communities in the most affected districts that will benefit from the restoration and resilient reconstruction of critical infrastructure under Component:1 (flood protection, irrigation, water supply, roads, and other community facilities)—estimated at 1.8 million inhabitants, of whom approximately 50 percent are women. Component:2 will benefit at least 80,000 households, representing about 640,000 people. Component:3 will benefit at least 35,100 flood-affected households, amounting to 280,000 people (many of whom are among the poorest), through the provision of grants. Around 190,000 households will benefit from the technical assistance under this component, representing approximately 1.5 million people. Component:4 will benefit about 80,000 households, representing approximately 40,000 people.

## **3. Objectives of Consultancy:**

The FPMU-IFRAP is seeking to hire a Monitoring & Evaluation Consultant to: (i) Develop a Monitoring and Evaluation Framework for IFRAP Project (ii) collect and report on project performance data (including physical and financial progress); and (ii) provide periodic information on intermediate project results and progress toward higher-level outcomes (iii) carry out an Operational Review of the IFRAP project. The Operational Review will assess Process Evaluation, Data Quality Assessment, Beneficiary Feedback, and whether the PIUs (BLEP, HRU, BIWRMDP & Hydromet) are implementing the program to achieve the desired results. The Consultant will be responsible for the following activities

## **4. Scope of Services**

The key tasks under this assignment include:

### **Deliverable 1 - Describe M&E Methodology and Prepare Inception Report**

The Consultant will agree on a structure and process for the inception report immediately after contract execution, with the full report due within thirty (30) days of signing of contract. This detailed inception report will outline a comprehensive methodology, including the sampling approach, and provide work plans with activity and resource-specific implementation markers. It will also include a timeline with milestone matrix, and detail the structure of reports, surveys, tools, and techniques to be used.

More specifically, the Inception Report will include, among other components:

1. A work plan that outlines a schedule aligned with the project's duration and activities.
2. A logistics plan describing the methodology and timelines.
3. An outline of the M&E Framework for the project. As stipulated in this ToR, the Consultant is expected to a M&E Framework for the IFRAP project as one of the deliverables. The Consultant

is therefore expected to provide the initial outline in the Inception Report and then proceed to develop the comprehensive framework.

#### Deliverable 2 – Develop a Monitoring and Evaluation Framework for IFRAP Project

At the very outset of their assignment, the Consultant is expected to design an overall Monitoring and Evaluation Framework for the project (within 45 days of signing of contract), which, inter alia, should include the outcome indicators for monitoring Project Development Objectives, intermediate output indicators for all project components, and year wise targets against each outcome/output indicator.

The M&E framework should also include indicators (Quantitative & Qualitative) to monitor and evaluate project specific operational risks, risk mitigation measures, social safeguards, and environmental aspects. The major objective of this dimension of monitoring is to ensure governance aspects of the project and minimize risks of misappropriation of project resources.

#### Deliverable 3: Conduct Baseline Study for the PDO and Intermediate Results Indicators

The Consultant is responsible for determining or confirming the baselines for all indicators defined in the Results and Monitoring Framework, at the onset of the consultancy. M&E Consultant is required to design a baseline study for the project in consultation with the FPMU and complete the survey before the start of project interventions. The baseline report will outline the design, methodology, and summarize key findings from the baseline survey, and offer recommendations for enhancing project implementation to meet the intended development goals.

The Consultant is responsible for starting the baseline surveys and establishing the baseline status immediately after the mobilizations and completing the survey within 90 days of signing of contract. The findings of the baseline will be incorporated in the M&E Framework to establish the baseline for the M&E Framework.

#### Deliverable 4: Develop a User-Friendly, Interactive, Project Monitoring Information System and Android Application for data collection.

A geo-referencing tool that consolidates all information on planned and ongoing activities would be highly beneficial for both the Federal Project Management Unit (FPMU) and the individual implementing agencies (PIUs). This tool will serve as a valuable resource for monitoring project-specific interventions. It should be interactive and user-friendly, allowing for the collation of inputs from various PIUs, generating standard reports, troubleshooting, tracking delays, and identifying shortfalls in progress against physical and financial targets. Additionally, it should support specialized queries to monitor all aspects of project progress, including physical and financial progress and project impacts, at any time. To ensure real-time data collection, the firm/consultant is expected to guide and train the Project's staff responsible for M&E activities. As part of the MIS, Android/Web based applications should be used for real-time monitoring, based on the developed data collection tools as per M&E Framework of the Project. The consultant should also coordinate with other MIS consultants under the IFRAP project to enable necessary integrations. The MIS must also include functionalities for integrating periodic system-based budgeting and accounting data. This will facilitate the measurement of physical progress against financial disbursements and provide projections of remaining financing based on expected performance. The dashboard to be prepared and it should present financial progress at various levels, including aggregate and activity-specific views, the Annual Work Plan will be automated for this purpose. The consultant should also coordinate with other MIS Consultants under IFRAP project so the integration should be made

possible where required and computability of various systems could be ensured. The Consultant will procure an off-the-shelf MIS system for monitoring and evaluation purposes as pre the scope of the project with the provision of integration with other MIS system including periodic system-based budgeting and accounting modules as stated above within 45 days of signing of contract. Any data collected, generated, or processed within the MIS will be periodically shared with FPMU. Ownership of all data will belong to FPMU. As the data will be accessible as needed, the Consultant will be required to develop APIs for FPMU to integrate their MIS with existing systems at FPMU, enabling direct data reading and integration from the Consultant into FPMU.

#### Deliverable 5: Grievance Redress Mechanism (GRM) system for Component 1,2,4 & 5

The Grievance Redress Mechanism (GRM), modelled on the WB's Grievance Redress Service (2021), processes complaints in five stages. These stages cover *registration*, *evaluation (investigation)*, *solution-seeking*, *implementation monitoring*, and *complaints closure*. The consultant will review the complaints immediately for admissibility at registration, and inadmissible complaints are tagged and not processed further. The evaluation stage includes re-verifying admissibility, requesting further information, and verifying the GRM grievance classification (categories and types) used to tag the complaint through the Grievance Redress Management Information System (GMIS). The resolution-seeking stage will be handled by the Grievance Committee, either at the PIU or FPMU levels.

- (i) FPMU and PIUs (Project Implementation Units) will assign a dedicated Grievance Redress (GR) focal points **at each level** of the operational hierarchy, to coordinate efforts for the resolution of grievances effectively. Each focal point will be assigned responsibilities for investigating and resolving complaints received based on the broad categories. On other hand, the specialized service consultant will manage and record each complaint, the relevant data, and the GRM's overall resolution into MIS and for further information dissemination.
- (ii) The apex forum for grievance redress will be FPMU-IFRAP if the aggrieved party is not satisfied with the resolution. The grievance will be submitted to FPMU for resolution as apex forum.
- (iii) The PIUs has the classified the Project's stakeholders into the categories. These groupings are indicative and may change during implementation as more data becomes available. Moreover, understanding each stakeholder group's needs, expectations, and perspectives is essential to ensure maximum efficacy and a vital contribution to the Project's success.
- (iv) The one of the goals of this deliverable is to establish a comprehensive system for stakeholders to lodge grievances through multiple channels. The consultant will assess current communication channels, identify gaps, and plan necessary improvements. The GR system must log grievances from various sources, toll-free services, WhatsApp, IVR, SMS, email, in-person, and media platforms, and be adaptable to new channels as needed. The consultant is also responsible for managing the GRM system according to the developed structure and will be required to do so throughout the duration of the contract. Access to a Grievance Management Information System (GMIS) interface/dashboard will be provided to the consultant. The consultant will be responsible for managing, entering and recording all relevant information into GMIS for Component 1, 2, 4 & 5. The consultant will develop KPIs

(Key Performance Indicators) such as the number of complaints received, the average time to resolve a complaint, the number of complaints escalated to higher levels, and the percentage of complaints resolved. These KPIs will help the project management assess the performance of the system and identify areas for improvement. The consultant will manage the GRM system as per developed KPIs. The consultant is responsible to intimate the received grievance information to concerned PIUs for resolution. The grievance process will be widely publicized on the project website to ensure accessibility. The expected outcome is a fully operational, multi-channel system, accessible to all stakeholders within 60 days of signing of contract.

#### Deliverable 6: Track PDO and Intermediate Results Indicators

M&E Consultant is expected to develop appropriate tools and analytical procedures to track and monitor project inputs, measure outputs, and determine outcomes resulting from execution of project interventions throughout project implementation period for all the components of the project mentioned in project overview. The Consultant is expected to track the PDO & Intermediate Indicators on a Regular basis and provide information to FPMU on a Quarterly Basis. Further, the Project Implementation Units (PIUs) are designed to function independently within the framework of the Integrated Flood Resilience and Adaptation Project (IFRAP). Each PIU is responsible for implementation of its respective project component(s), ensuring that project implementation is made autonomously aligned with legal covenants of the project i.e., financing agreement of the IFRAP. Greater independence of PIUs is determined as an important factor to maintain the integrity, objectivity, and transparency of the project's operations. It ensures that the PIUs can operate in a manner that prioritizes the project's goals and the communities it serves. By maintaining clear lines of accountability and communication, the independence of the PIUs helps to avoid conflicts of interest, streamline decision-making processes, and enhance the overall effectiveness and efficiency of the project components. The M&E Consultant will collect the data in consultation with the FPMU on quarterly basis, based in information collected in each quarterly cycle, the M&E consultant will share its findings related to respective component/PIU to conduct a debriefing session with the PIU(s). If the PIU(s) believes that certain findings may not be accurate, these concerns will be documented and included in the M&E consultant's report and shall present it to the FPMU. Based on consultations with the FPMU and the World Bank the M&E consultant will hold a quarterly workshop with all concerned PIUs and FPMU staff and where possible in presence of the world bank to present its report, which will consist of both debriefed findings and any disagreements along with an action plan. In the following quarter, the Consultant will also report on the compliance status of the previous quarter's action items, as well as the findings of the current quarter, using the same working modality throughout the project implementation period.

#### Deliverable 7: Recommend Appropriate Corrective Actions

M&E Consultant is expected to play a continuing role in analyzing the findings and results of M&E and make recommendations to the FPMU and PIUs to be able to take timely corrective actions on implementation strategies and practices.. Any feedback or recommendations intended for implementing partners will be communicated through the respective PIUs to maintain clarity and ensure proper coordination. This approach aligns with the philosophy of maintaining the independence of the PIUs, avoiding direct communication that could compromise this principle. The Consultants will share the recommendation in each quarter as mentioned in deliverable 6.



## Deliverable 8: Key Reporting

**Quarterly Reports** will assess the productivity of each fiscal year quarter by comparing actual performance against pre-established targets. The Consultant will gather data from targeted areas of the project using a scientifically valid sampling method, ensuring that the results can be generalized across all project interventions. These reports will detail the reasons for any discrepancies between expected and actual productivity and propose corrective strategies if the productivity is below expectations or if there are other issues during the reporting period. The Consultant is required to submit the final quarterly reports, along with corresponding presentations, to the FPMU by the 15th day following the end of each quarter after carrying out the debriefing sessions and Workshop as mentioned in deliverable 6.

Quarterly Report Cycle			
Quarter 1 July-Sep	Quarter 2 Oct-Dec	Quarter 3 Jan-March	Quarter 4 April-June
Report submission on 15 <sup>th</sup> Oct	Report submission on 15 <sup>th</sup> Jan	Report Submission on 15 <sup>th</sup> April	Report Submission on 15 <sup>th</sup> July

**Special Reports:** The Consultant will generate special reports in accordance with the specific tasks as completed within areas such as process evaluation, spot checks (Social Mobilization), data quality, compliance with the Environmental and Social Management Framework (ESMF) & Gender Action Plan (GAP), Land Mutations, grievances, and outcomes from beneficiary feedback surveys. These reports will outline corrective actions for the PIUs to ensure ongoing compliance. Each feedback survey report will detail the satisfaction levels of beneficiaries and relevant stakeholders with the funded activities and operations. These reports will be submitted on a Biannual basis and on the 30<sup>th</sup> of following month.

**Baseline Report:** This report will detail the design and methodology, summarize the key findings from the initial survey, and provide recommendations to enhance project implementation to meet the development goals. The Consultant will develop the contents of the baseline report, which will be finalized in collaboration with the FPMU.

**Endline Report:** Conducted at the project's conclusion, the endline report will analyze the outcomes based on data from the endline survey compared to the baseline survey.

## Deliverable 9: Prepare a Project Completion Report

The consultant will consolidate all the data collected and findings during implementation into a single final project completion report as per guidelines of the World Bank. Further, Project Endline Survey will support in compilation of project completion report. The project completion report should be ready before the project deadline.

## Deliverable 101: Provision of Essential Information for Project Website

The Consultant will render necessary and relevant information to FPMU as per their field activities for the project website such as but not limited to Success Stories, Quality Pictures & Videos.

### 4. Data Entry (Digitization), Confidentialities and Data Ownership:

Collected information should be digitized and a converged MIS database will be maintained. The final output should be an Excel or SPSS or STATA file, with variables clearly labeled. The raw and

cleaned data (data set for analysis) should be immediately (as soon as the data collection and entry is completed) available to the FPMU.

The survey instruments, the sampling, and the information gathered by the field workers cannot be used for personal or professional goals by the consultant staff at any level, without the prior request and an approval by the FPMU IFRAP. The ownership of the data belongs to the FPMU. The raw and cleaned data should be available immediately after the data is collected. Any delay in this matter will affect the payments to the survey Consultant.

## 5. Selection Method

A consulting Consultant will be selected in accordance with the Quality and Cost Based Selection (QCBS) method set out in the World Bank's Regulations: Procurement in Investment Project Financing Goods, Works, Non-Consulting and Consulting Services Fourth Edition November 2020.

## 6. Geographical Location

The project is implemented in Balochistan with 32 districts in focus and in the PMD focused areas (Karachi, Quetta, Gwadar, Lahore, DI Khan, Cherat etc) and other focused areas related to Hydromet component. The Consultant is required to collect data across the focused areas. The Consultant office will be based in Quetta, Balochistan. A sub office will be based in Islamabad.

## 7. Duration of Assignment:

Initially the assignment shall be contracted till the end of project i.e., 31<sup>st</sup> December 2028 (Subject to the change based on government of Pakistan directives) from the day of contract signing or till the availability of funds against the assignment with FPMU. The Consultant is required to provide detailed costing for ensuring value for money in technical proposal.

## 8. Selection & Evaluation Criteria

1. The Consultant must have general experience of 10 years of providing services in the same business. Company brochure/detailed profile and registration documents may be attached.
2. The Consultant must have completed at least two similar assignments in at least five years. These assignments should indicate the nature and scope of services provided, including the use of M&E indicators, data analysis, statistical and research expertise, monitoring, verification and evaluation, MIS tools & systems development, and measuring of targets.
3. The Consultant must have adequate financial, human (core managerial and technical staff) and physical resources to support the consultancy, including the general availability of technically qualified staff as follows:

### Key Experts:

The qualifying Consultant is expected to have the following key experts for this assignment.

Title	Qualifications
M&E Team Lead (01)	Master's degree in project management, business administration/social sciences, or a related field. 10 years of extensive experience in management and leadership within M&E contexts. Working knowledge of community driven Project.



	Proven ability to oversee large M&E units and coordinate with various stakeholders.
Sr M&E Officer (Infrastructure) (01)	Master's/Bachelor (Sixteen years of education) degree in business administration/social sciences, engineering or a related field. 7 years of extensive experience in management and leadership within M&E contexts. Specialized knowledge in M&E practices. Experience working within governmental or large-scale project environments. Sr M&E will look after Hydromet & Infrastructure components.
MIS Coordinator (01)	Master's/Bachelor (Sixteen Years of Education) degree in computer science, Information Systems, or related field. 5 years of proven experience in MIS development and management. Technical skills in software and application development.

#### Non-Key Experts

The Consultant is expected to have the following non-key experts for this assignment.

<b>Title</b>	<b>Qualifications</b>
Program Coordinator (01)	Master/ Bachelor (Sixteen years of education) Degree in Business Administration, Project Management, social sciences or a related field. 5 years of experience in program implementation and coordinating project activities. Strong organizational and communication skills.
M&E Officer (04)	Master's/Bachelor (Sixteen Years of Education) degree in business administration/social Sciences/Statistics, engineering or related field. 5 years of experience in M&E operations. Capable of handling M&E tasks within project management units.
GRM Associate (3)	A bachelor's degree in public administration, business administration, social sciences, or a related field. Minimum of three (03) years of experience in grievance handling, customer service, or a similar role.
Data Collectors/Enumerators (15)	Graduates/Undergraduates of Business Administration/Social Sciences/Statistics or related field. Experience in data collection for research or program purposes. Ability to conduct surveys and gather accurate data.
System Developers (02)	Master/Bachelor (Sixteen years of education) Degree in Computer Science, Software Engineering, or related field. Strong technical background in software development, especially in MIS and web/mobile applications. Have proven experience in developing applications tailored for large-scale data collection and reporting.

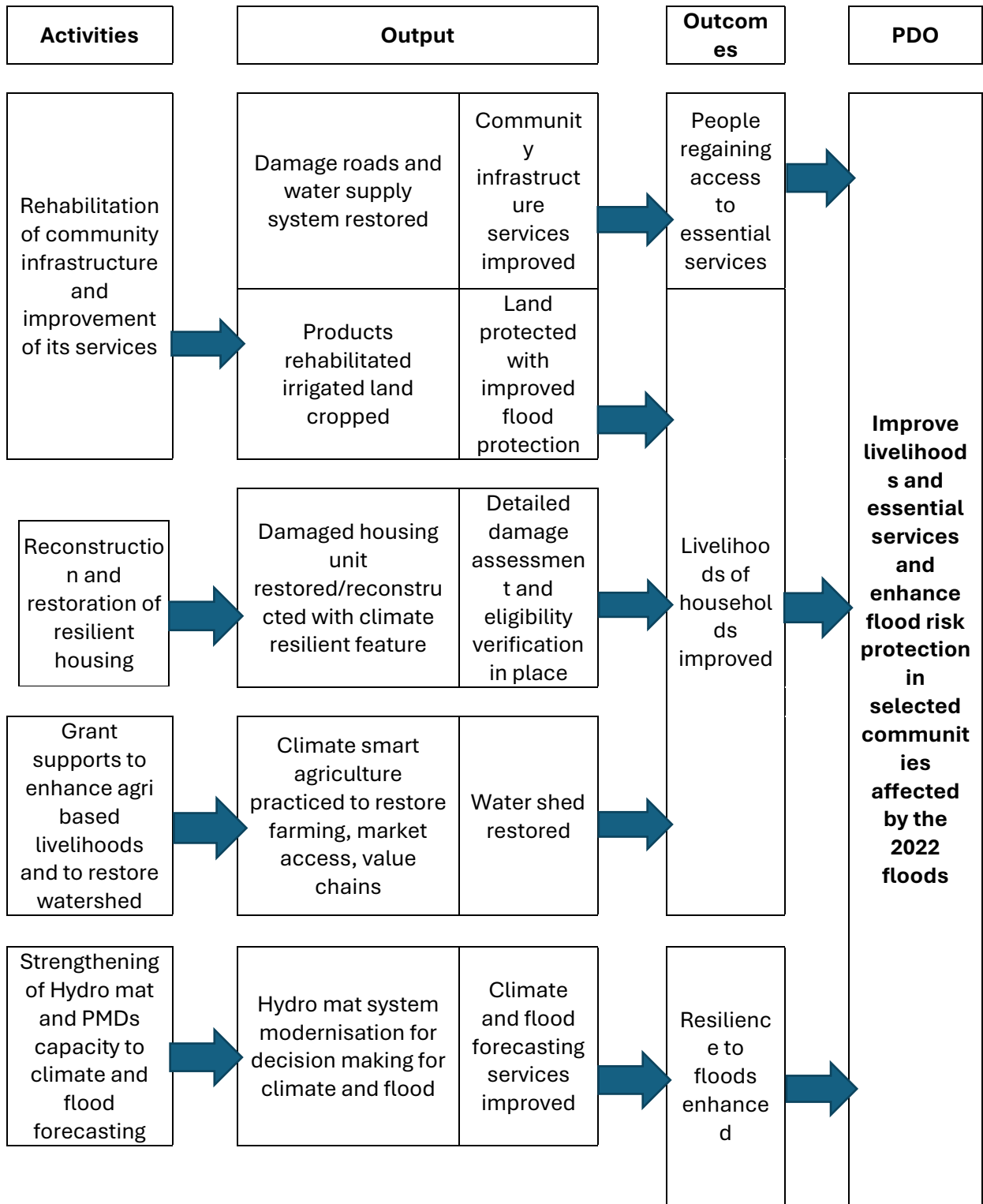
The Consultant may engage with the students and local academia for carrying data collection, MIS integration or any other task as per the scope of the consultancy.

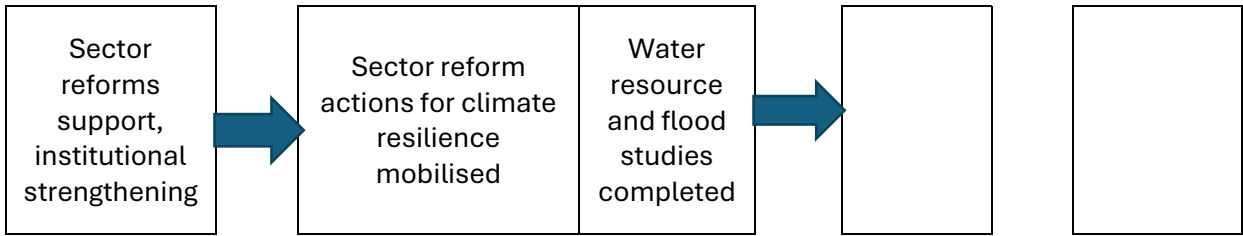
<b>S#</b>	<b>Deliverable</b>	<b>Detailed Tasks and Objectives</b>	<b>Schedule</b>
1	Inception Report Including M&E Methodology	The inception report shall be prepared, which should include: a detailed program of work, including an outline of the methodology to be used for process monitoring and reporting formats, a complete staffing plan, including the deployment timeline of key staff, and an outline of the M&E Framework for the project.	Within 30 days of signing of the contract
2	Development of Monitoring and Evaluation Framework	The M&E Framework is to be developed as part of this assignment for the FPMU. The framework will serve as a reference and a guide to staff at various levels, directly involved in the monitoring and evaluation of the project.	Within 45 days of signing of the contract
3	Baseline Survey and Report	The baseline report will summarize the design and methodology, key findings from the baseline survey, and recommendations for improving project implementation to achieve the intended results.	Within in 90 days of signing of the contract
4	Development/off the shelf Project Monitoring Information System (Mandatory)	Procure an off-the-shelf and implement a comprehensive, interactive Project Monitoring Information System & Android Applications.	Within 45 days of the signing of the contract.
5	Grievance Redress Mechanism for Component 1,2,4 & 5 of IFRAP	Develop the Grievance Redress Mechanism (GRM) ensuring that all grievances are recorded, tracked, and managed with provision of sources/channels for lodging the complaint by the stakeholders.	Within 60 days of the signing of the contract.
6	Project Quarterly Progress Reports	Monitor and report on project processes and outcomes on the basis of PDO & Intermediate indicator, Regular updates and detailed reviews of the project's progress along with corrective measure. The report shall include the details of the activities carried out during the reporting quarter	20 Quarterly Reports. Due on the 15 <sup>th</sup> of each following quarter.
7	Special Reports	The Consultant shall produce and submit special reports against the process evaluation, spot checks (Social Mobilization), data quality, compliance with the Environmental and Social Management Framework (ESMF), Gender Action Plan (GAP), Land Mutations, grievances, and outcomes from beneficiary feedback surveys.	10 Biannual Reports. Due on the 30 <sup>th</sup> of each following month.

8	Project Completion Report	Compile final outcomes, challenges, and lessons learned along with end line survey report findings.	One month Before Project End
9	Provision of Data, Information for Project Website	Sharing of important information like, success stories identified during field visit, Pictures, Videos for Project Website	Quarterly Basis.

The payment of deliverables will be determined with PIUs & FPMU accordingly.

### Theory of Change





## Result Framework

### Project Development Objective (PDO) Indicators

Indicator	Description
Improved livelihoods	means an increase in income or increase in assets
Essential services	include shelter, irrigation, water supply and sanitation, and transport.
Enhanced flood risk protection	means increased coverage of flood protection infrastructure, reliable flood forecasting, and early warning systems.
Reliable forecasting	means a longer lead time for weather forecasting

### Intermediate Results Indicators

#### Infrastructure

Indicator	Description
Hectares of Land benefitting	Hectares of Land Benefitting from irrigation system restoration.
Kilometers of Roads Rehabilitated	Total kilometers of roads rehabilitated to better withstand future flood events.
Hectares of Land benefitting	Hectors of Land benefitting from Protection infrastructure rehabilitation.
Community Facilities Restoration	Number of facilities restored
Critical Infrastructure Upgraded	Number of critical infrastructures (such as water supply systems) upgraded for enhanced resilience.

#### Hydromet Services

Indicator	Description
Operational Hydromet Stations	Number of Weather radars Installed.
Improved Accuracy of Weather Forecasts	Number of Automatic Weather Station installed



Hydrological Modelling established	Functionality of early warning system.
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#### Housing

Indicator	Description
Resilient Housing Units Constructed	Number of resilient housing units constructed or rehabilitated. (Percentage of Women)

#### Agriculture and Livelihoods

Indicator	Description
Households with Increased Agricultural Productivity	Number of households experiencing increased agricultural productivity.
Land Under Improved Management	Hectares of land under improved management for sustainability.

#### Project Management and Institutional Strengthening

Indicator	Description
Improved Project Management Efficiency	Number of Plans for flood resilience by the community developed.
River Basin Studies	Number of River Basin planning Studies for developing framework for water management.

#### Citizen Engagement Indicators

Indicator	Description
Enhanced Citizen Participation	Citizen engagement study implementation
Improved Feedback Mechanism Utilization	Percentage of grievance resolved satisfactorily

## Result Framework

<b>S #</b>	<b>Indicator Name</b>	<b>End Target</b>
1	Households with improved livelihoods (Number)	80,000
2	Of which female-headed households and households with vulnerable women (Percentage)	40
3	People regaining access to at least one essential service (Number)	1,500,000
4	Females regaining access (Percentage)	50
5	People with enhanced flood risk protection (Number)	1,800,000
6	Females protected (Percentage)	50
7	Increase in weather forecast lead time of PMD (Days)	5
<b>S #</b>		
	<b>Indicator Name</b>	<b>End Target</b>
1	Land area benefitting from restored irrigation systems (Hectare (Ha))	50,000
2	Land area with improved protection through rehabilitated flood protection infrastructure (Hectare (Ha))	50,000
3	Length of rehabilitated roads (Kilometers)	20
4	Rehabilitated water supply schemes (Number)	40
5	Restored small community facilities (Number)	40
6	Weather radars installed and operationalized (Number)	4
7	Automatic Weather Stations (AWS) installed and operationalized (Number)	300
8	Hydrological modelling based early warning system established for hill torrents in Balochistan (Yes/No)	Yes
9	Housing units restored/reconstructed (Number)	35,100
10	of which female headed households and households with vulnerable women (Percentage)	25
11	Watershed area under climate-resilient practices (Hectare)	20,000
12	Households receiving livelihood support (Number)	80,000
13	Community flood resilience plans prepared (Number)	20
14	River basin planning studies (Number)	3
15	Citizens' Engagement Strategy developed and rolled out (Text)	Citizens' Engagement Strategy developed and rolled out
16	Registered grievances satisfactorily resolved in line with the GRM (Percentage)	100