

Terms of Reference (TORs)

Integrated Flood Resilience and Adaptation Project (IFRAP) (Component 2: Strengthening Hydromet and Climate Services)

Title:	Deputy Project Director
Category:	Individual Consultant
Duty Station:	Islamabad
Type of Contract:	Time-based
Expected Starting Date:	1 st January, 2026
Duration of Assignment:	Till 31 December, 2028
Minimum Qualifications	<ul style="list-style-type: none">▪ Masters degree (minimum sixteen years of education) or equivalent in Meteorology, Hydro-Meteorology, Geology, Physics, Mathematics, Environmental, Atmospheric and Earth Sciences, Engineering, Public Administration, Public Policy, Business Management, or any other relevant field from a reputable international or HEC recognized national university
Minimum Experience	<ul style="list-style-type: none">▪ Fifteen years' experience; after acquiring stipulated qualifications in a relevant field out of which at least five years' experience in a senior position in a comparable project involving large scale procurement and coordination with multiple stakeholders▪ Practical knowledge of project management▪ Practical knowledge of project social safeguards▪ Practical knowledge of large scale financial management▪ Practical knowledge of federal government procedures particularly those relating to management of projects▪ Proficient in the use of computers (MS Office, Project Management Tools etc.).
Remuneration:	Negotiable

Background:

The recently published Country Climate Development Report (CCDR) shows Pakistan's high vulnerability to climate change is a risk multiplier, compounding its human and economic development challenges. The country consistently ranks among the top 10 countries worldwide most affected by climate change. Extreme weather events have increased in frequency and intensity, impacting people, ecosystems, and infrastructure. Heatwaves, heavy precipitation events, droughts, and cyclones are prevalent risks. Attribution research on the 2022 floods has shown that the five-day maximum average rainfall of Balochistan and neighboring Sindh was around 75 percent more intense than it would have had the climate not warmed by 1.2°C. Climate projections have been predicting such a shifting trend for years. Despite a history of other disasters such as earthquakes, heatwaves, and droughts, floods remain the dominant hazard. Most of the country's population lives along the Indus River system, which is prone to severe flooding during the monsoon season. In addition, Pakistan's climate vulnerability and uncertainty

surrounding annual glacial melt, average precipitation, and extreme temperature changes highlight the need for ex-ante disaster preparedness and resilience building.

The Ministry of Planning, Development and Special Initiatives (MoPD&SI) has developed the Resilient Recovery, Rehabilitation and Reconstruction Framework (4RF) to guide the government's response to the 2022 floods. The 4RF defines measures to ensure a resilient recovery and prevent multi-generational impacts that may manifest through reduced developmental gains. Through the 4RF, the Government of Pakistan (GoP) recognizes the importance of long-term resilience to flooding and is committed to consolidating ongoing efforts and undertaking new measures toward improved resilience. Considering the climatic vulnerability of the province, Balochistan could benefit from improved hydrometeorological (hydromet) and early warning services as well as disaster preparedness. The limited preparedness of the provincial disaster management system and the inability of national weather forecasting agencies to correctly predict the scale of the rains resulted in significant loss of lives and damage to livelihoods and properties, which the province could have partially avoided. The 4RF recognizes the need to strengthen the capability of the Pakistan Meteorological Department (PMD) to collect, understand, and use hydromet data to facilitate disaster early warning and risk-informed decision-making.

This entailed finalization of IFRAP that responds to immediate emergency recovery needs in Balochistan province while contributing to building flood resilience in Pakistan. The project scope consists of six components. These are: (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.

The component for strengthening hydromet and climatic services will improve the capability of the PMD to generate and utilize hydromet information for decision-making. Currently, the PMD has minimal coverage for the western part of the country, which includes much of Balochistan. This component will thus benefit not only Balochistan but also all of Pakistan by improving climate and flood forecasting capabilities, including early warning systems to mitigate the impacts of climate hazards, by expanding networks throughout the country with updated technological interventions.

Objectives:

IFRAP being umbrella project is headed by a Project Director. The Deputy Project Director of Component-II "strengthening hydromet and climate services" works as independent head of the project implementation unit (PIU) reporting to the Project Director (IFRAP) and coordinating with all stakeholder. Deputy Project Directors will exercise administrative and financial powers of PIU and will be accountable accordingly as per the World Bank's guidelines and rules & procedures of the Government of Pakistan.

Scope of Functions:

- To work as head of PIU with administrative and financial powers of the project.
- To report to the World Bank through the Project Director (IFRAP).
- To make coordination with all stakeholders especially the client agency i.e. PMD and relevant Ministries.
- To supervise and manage the working of all consultants and staff of PIU and their performance evaluation.
- To execute project activities as per the timelines and make necessary efforts to get the project scope completed within the given timelines.
- To report to the Project Steering Committee (PSC) and Sub-Project Steering Committee (SPC) and other relevant fora relating to the project.
- Management of project funds in a transparent, effective and cost-effective manner.

- Undertake high-level communication and serve as the main point of contact for liaison with stakeholders and the World Bank on project design and delivery, output and impact.
- Oversee management of day-to-day operations of the project, including, but not limited to budget and finance, human resource management, recruitment, capacity building of staff as needed, procurement and records management.
- Oversee implementation of the project, including through periodic field visits, suggest measures for effective implementation, and identify and mitigate constraints and potential bottlenecks.
- Ensure preparation of Annual Work Plans, periodic progress reports and other relevant documentation of the project in the prescribed manner and format including recommended actions for the decision-making.
- Guide the development and regular review of all plans, surveys, and policies of the project.
- To supervise and approve final testing of the hydro-met equipment, data communication, integration and properly handing over of all components of hydro-met system to Pakistan Meteorological Department (PMD).
- Responsible for safe custody of all project documents responsible to prepare and submit the project completion report (PC-III / IV).
- Exercise a strong check on time and cost overruns by monitoring the inputs, processes, and outputs of the project.
- Ensure that proper procedures for reviewing and responding to progress reports are established and follow that indicate how, what, and when to monitor and evaluate.
- To provide project implementation support to PMD as and when required by the Director General (PMD).
- Identify risks based on ground realities and formulate a risk mitigation plan.
- Work effectively and harmoniously with the project stakeholders (including external partners) as well as with the project staff.
- To take steps for the sustainability of PMD especially relating to the post development sustainability of the equipment and installations through this project in coordination with concerned sections of PMD.
- Develop and use indicators to focus on results and progress of implementation.
- Any other task assigned by the authorities including the Principal Accounting Officer, PD(IFRAP), relevant Steering/ Sub-Steering Committee(s) etc.

Selection Process:

The selection will be made in accordance with the “World Bank Procurement Regulations for Investment Project Financing Goods, Works, Non-Consulting and Consulting Services” November 2020.