

OFFICIAL DOCUMENTS

CA 5686-PK

**ISLAMIC REPUBLIC OF PAKISTAN
PROVINCE OF PUNJAB**

July 30, 2015

International Development Association
1818 H Street NW
Washington, DC 20433
United States of America

**Re: Credit Number 5686-PK
(Disaster and Climate Resilience Improvement Project)
Performance Monitoring Indicators**

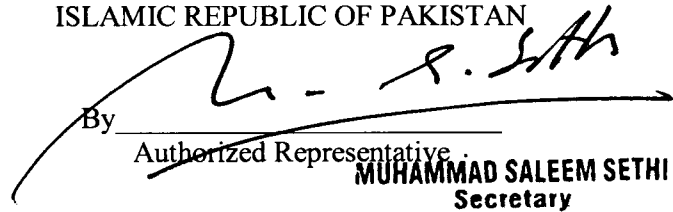
Dear Sir/Mesdames:

We refer to Section II A of the Schedule 2 of the Financing Agreement (Disaster and Climate Resilience Improvement Project) between the Islamic Republic of Pakistan ("Recipient") and the International Development Association ("Association") and Section II A of the Schedule to the Project Agreement between the Association and the Province of Punjab ("Project Implementing Entity") of even date herewith for the above-mentioned Project.

We hereby agree that the Performance Monitoring Indicators to monitor and evaluate the carrying out of the above-mentioned Project and the achievement of the objectives thereof are those set forth in the Attachment to this letter.

Very truly yours,

ISLAMIC REPUBLIC OF PAKISTAN

By 
Authorized Representative

MUHAMMAD SALEEM SETHI
Secretary
Economic Affairs Division
Government of Pakistan

PROVINCE OF PUNJAB Islamabad

By 
Authorized Representative

Attachment

Atid Bodla
Member Infrastructure/Dev.
P&DD, Govt. of Punjab
Lahore

**Results Framework and Monitoring
PAKISTAN: Disaster and Climate Resilience Improvement Project**

Program Development Objective (PDO): To support restoration of flood protection infrastructure and strengthen government capacity to manage disasters and climate variability.												
PDO Level Results Indicators	Core	Unit of Measure	Baseline	Cumulative Target Values				Frequency	Data Source/ Methodology	Responsibility for Collection	Notes	
				YR 1	YR 2	YR 3	YR 4					
Indicator One: Direct project beneficiaries	X	Percentage	0	20	50	60	100	Annual	Project Reports	PID, PDMA, SPIU	Target numbers for beneficiary population depend upon selection of flood protection investments through framework approach. Initial target numbers to be populated once ready investments are known early on, according to percentage values listed. Estimated beneficiary numbers to be used from feasibility reports.	
Indicator Two: Female beneficiaries	X	Number	0	20	50	60	100	Annual	Project Reports	PID, PDMA, SPIU		
Indicator Three: Number of people benefiting from restored flood protection infrastructure through the project		Percentage	0	20	50	60	100	Annual	Design, Feasibility, and Completion Reports; and Progress Reports	PID, SPIU		
Indicator Four: Number of people at risk receiving early warning notifications through mobile short messaging service		Number	0	50,000	100,000	200,000	500,000	Annual	Project reports of piloting and simulations	PDMA, SPIU		
Indicator Five: Improved institutional capacity for flood risk management		Text	No SOPs for Punjab disaster fund; limited disaster management plans at sub-national levels.	SOPs for Punjab disaster fund operation centralized	Emergency Operations Centers (EOCs) set up at DMAs	Improved flood risk information available for planning at sub national governments.	Integrated disaster management plans adopted by government departments at sub-national levels	Annual	Institutional coordination reviews	PDMA, SPIU	Assessment for evaluation of institutional coordination mechanisms (before-after analysis).	
INTERMEDIATE RESULTS												
Component 1 - Restoring Flood Protection Infrastructure												
Intermediate Results Indicators	Core	Unit of Measure	Baseline	Cumulative Target Values				Frequency	Data Source/ Methodology	Responsibility for Collection	Notes	
				YR 1	YR 2	YR 3	YR 4					

Indicator One: Length of embankments rehabilitated or constructed	Percentage	0	20	50	60	100	Annual	Design, Feasibility and Completion Reports	PID, SPIU	Target numbers depend upon selection of flood protection investments through framework approach. Initial target numbers to be populated once ready investments are known early on, according to design documents and percentage values listed.
Indicator Two: Number of flood protection investments for which preparatory analytical work completed	Kilometer	0	1	2	4	4	Annual	Analytical outputs from preparatory work; Project reports	PID, SPIU	
Indicator Three: Establishment of a Decision Support System (DSS) for PID	Yes/No	No			Yes	Yes	Annual (Years 3 and 4)	Project Reports	PID	DSS to facilitate evidence based decision making for selecting optimal breaching sites, managing flood peaks, etc.

Component 2 – Managing Disasters and Climate Variability

Intermediate Results Indicators	Core	Unit of Measure	Baseline	Cumulative Target Values				Frequency	Data Source/ Methodology	Responsibility Collection	Notes
				YR 1	YR 2	YR 3	YR 4				
Indicator One: Number of Risk identification studies completed.		Number	0		1	2	4	Annual	Project Reports, Analytical outputs	PDMA, SPIU	Envisaged studies to focus on urban and flash flooding in Punjab, and slope stabilization studies in the 'Districts'
Indicator Two: Development and adoption of operational procedures for responding to disasters		Yes/No	No			Yes	Yes	Annual (Years 3 and 4)	Project Reports	PDMA, SPIU	
Indicator One: SOPs for Punjab Disaster Management Fund established		Yes/No	No			Yes	Yes	Annual (Years 3 and 4)	Project reports	PDMA	