

OFFICIAL  
DOCUMENTS

CR. 5684-PK

ISLAMIC REPUBLIC OF PAKISTAN  
PROVINCE OF SINDH

August 26, 2015

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

**Re: Credit Number 5684-PK  
(Sindh Barrages Improvement Project)  
Performance Monitoring Indicators**

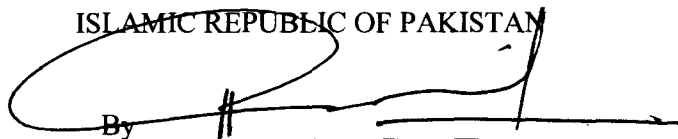
Dear Sir/Mesdames:

We refer to Section II A of Schedule 2 of the Financing Agreement (Sindh Barrages Improvement Project) between the Islamic Republic of Pakistan the "Recipient" and the International Development Association "Association" and Section II A.1 of Schedule to the Project Agreement between the International Development Association and Province of Sindh (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 Project and the achievement of the objectives thereof are those set forth in the Attachment to this letter.

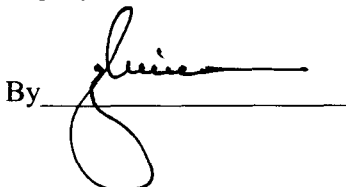
Very truly yours,

ISLAMIC REPUBLIC OF PAKISTAN

By 

Authorized Representative

PROVINCE OF SINDH

By 

Attachment

## RESULTS FRAMEWORK AND MONITORING

Country: Pakistan  
PK-Sindh Barrages Improvement Project  
**Results Framework**

**Project Development Objectives** are to improve the reliability and safety of the Guddu barrage and strengthen the Sindh Irrigation Department's capacity to operate and manage the barrage

Project Development Objective Indicator	Core	Unit of Measure	Baseline	2016	2017	2018	2019	2020	2021	Frequency	Data source/ Methodology	Responsibility for data collection
Direct project beneficiaries (number), of which female (%)	X	Number (million), %	0	0	0	0	0	2.6 (50%)	2.6 (50%)	Annually	Progress Report	PMO/PCMU
Reliable supply of irrigation water without any reduction in flows		BCM	11.2	11.2	11.2	11.2	11.2	11.2	11.2	Annually	ID based on <i>Kharif</i> and <i>Rabi</i>	PMO/PCMU
Barrage and canal head regulator gates operating reliably		%	0	0	10%	25%	50%	100%	100%	Annually	Progress Report	PMO/PCMU
Guddu barrage meets defined safety standards		Yes/No	No	No	No	No	No	Yes	Yes	Annually	Reports by POE	PMO/PCMU
BMO established and functional		Yes/No	No	No	No	No	No	Yes	Yes	Annually	Progress Report	PMO/PCMU
<b>Intermediate Results</b>												
Main barrage gates and mechanical lifting equipment replaced		Number	0	0	16	32	49	65	65	Bi-Annual	Progress Report	PMO/PCMU

<b>Project Development Objective Indicator</b>	<b>Core</b>	<b>Unit of Measure</b>	<b>Baseline</b>	<b>2016</b>	<b>2017</b>	<b>2018</b>	<b>2019</b>	<b>2020</b>	<b>2021</b>	<b>Frequency</b>	<b>Data source/ Methodology</b>	<b>Responsibility for data collection</b>
Main canal head regulator gates replaced		Number	0	0	6	12	25			Bi-Annual	Progress Report	PMO/PCMU
Dividing wall constructed		%	0	0	25	50	75	100		Bi-Annual	Progress Report	PMO/PCMU
River training works implemented		%	0	0	0	25	50	100	100	Bi-Annual	Progress Report	PMO/PCMU
Staff and O&M offices constructed		%	0	25	100					Bi-Annual	Progress Report	PMO/PCMU
Environmental and social plan satisfactorily implemented		Yes/No	0	Yes	Yes	Yes	Yes	Yes	Yes	Bi-Annual	Progress Report	PMO/PCMU
Dolphin Conservation and Management Plan satisfactorily implemented		Yes/No	n.a.	Yes	Yes	Yes	Yes	Yes	Yes	Bi-Annual	Progress Report	PMO/PCMU
Emergency Preparedness Plan prepared in a consultative manner		Yes/No	No	No	No	No	Yes	Yes	Yes	Bi-Annual	Progress Report	PMO/PCMU
Grievances registered related to delivery of project benefits that are actually addressed	X	%	n.a.	90	90	90	90	90	90	Bi-Annual	Progress Report	PMO/PCMU