



SINDH BARRAGES IMPROVEMENT PROJECT (SBIP)

PROGRESS BULLETIN

MONTH OF AUGUST, 2025

**Project Coordination & Monitoring Unit
Planning & Development Department
Government of Sindh**

A. PROJECT PROFILE

The Project was initially started in 2015 with scope for rehabilitation/modernization of **Guddu Barrage**. Additional Financing provided in 2018 for rehabilitation/improvement of **Sukkur Barrage** started in mid-2018 .

Project Objective: Improve the reliability and safety of both Guddu and Sukkur Barrages and strengthen Sindh Irrigation Department's capacity to operate and manage Barrages.

Executing by: Irrigation Department through Project Management Office (PMO) headed by Project Director
Coordination & Monitoring by: Project Coordination & Monitoring Unit, P&D Department, Government of Sindh

Component-1: Rehabilitation/Modernization Barrages.

Component-2: Improved Barrage Operation.

Component-3: Technical Studies.

Component-4: River Basin Water Resources/Riverine Management.

Component-5: Project Management, Monitoring & Evaluation.

Project Approval / Period	Guddu Barrage	Sukkur Barrage	Amalgamated
Project approved by ECNEC	13 th May, 2015	22 nd May, 2018	11 th December, 2023
Project Signing / Start	26 th August, 2015	13 th June, 2018	21 st June, 2024
Completion	31 st December, 2021	30 th September, 2022	30 th June, 2028
Credit / Loan NO:	IDA 56840-Pak	IDA 62420-Pak	IDA 75130-Pak

B. FINANCIAL STATUS/ANALYSIS

Approved Cost	ORIGINAL			REVISED			AMALGAMATED		
Amount in PKR	TOTAL	IDA	LOCAL	TOTAL	IDA	LOCAL	TOTAL	IDA	LOCAL
Guddu Barrage	20,241	18,271	1,970	20,592.80	18,752.00	1,840.80	54,357.5	45,318.4	9,039.1
Sukkur Barrage	16,662.5	14,658	2,004.5	33,764.70	26,566.36	7,198.34			
IDA Credit Loan	ORIGINAL			REVISED			AMALGAMATED		
Guddu Barrage	US\$ 208.00			US\$ 85.37			US\$ 328.00		
Sukkur Barrage	US\$ 152.20			US\$ 242.63					

SR. NO	ACTIVITY	TOTAL		FPA		LOCAL	
		US\$	PKR	US\$	PKR	US\$	PKR
a)	Disbursement/Releases till June 2025	173.85	37,386.64	173.85	35,717.74	-	1,668.90
b)	Expenditure Incurred till June 2025	169.69	36,214.96	169.69	34,551.94	-	1,663.02
c)	Budget Estimated for year 2025-2026	51.724	16,300.00	51.724	15,000.00	-	1300.00
d)	Disbursement/Releases during FY 2025-26	4.66	1,318.80	4.66	1318.80	-	-
e)	Expenditure Incurred during FY 2025-26	6.25	1,763.61	6.25	1,763.61	-	-
f)	Total Disbursed/Releases till 31 st Aug 2025	4.66	1,318.80	4.66	1318.80	-	-
g)	Total Expenditure incurred till 31 st Aug 2025	6.25	1,763.61	6.25	1,763.61	-	-
h)	Overall Progress Disbursement	\$178.51/ PKR 38,705.44		\$178.51/ PKR 38,705.44		PKR 1,668.90	
i)	Overall Progress Expenditure	\$175.94/ PKR 37978.57		\$175.94/ PKR 37978.57		PKR 1,663.02	

C. PHYSICAL PROGRESS /ACTIVITIES

Component/Activity	Progress/Achievement
Rehabilitation & Modernization of Guddu Barrage: It includes three Contract Packages (G2, G3 & G3A)	
<p>G2: Gates Replacement works: Contractor M/s DESCON Engineering Ltd Contract awarded: 13/03/2017 Works Started: 10/07/2017 Completion: 31/3/2027 Original Cost: PKR 9,585.162 M Revised Cost: PKR 9,098.121 M</p> <p>G3: River Training works: Contractor: M/s SMAD Baloch Works Started: 10/07/2017 Completion: 14/04/2022 Original Cost: PKR 3,750 M Revised Cost: PKR 3,964.41 M</p> <p>G3A: Construction of Right TJ Spur</p>	<p>Ongoing Contract.</p> <p>Overall Physical Progress achieved upto 75.81%</p> <ul style="list-style-type: none"> <input type="checkbox"/> Financial Progress achieved upto 72.43% <input type="checkbox"/> Total 25 Nos Gates of Canals Head Regulators & 30 Nos Gates of main Barrage have been replaced with new gates installed. As per agreed work plan; 24 Nos Gates of main Barrage will be replaced in FY 2025-26 and remaining 11 Nos Gates will be replaced in 2026-27. <input type="checkbox"/> Work for construction of Guddu Colony, CE Office and Annexe Building at Sukkur and Rehabilitation of Official residences at Sukkur has been completed. <input type="checkbox"/> The contract work was 100% completed in October 2023, except work for the construction of the Right TJ Spur, which could not be completed due to a land acquisition issue and was subsequently deleted from the contract scope. <input type="checkbox"/> The issue has now been resolved, and required land has been acquired and transferred to Irrigation Department. Therefore, remaining works on TJ Spurs will now be executed under a new contract, G3A, as details provided below: <input type="checkbox"/> Request for Bids published on 30th April, 2025; Pre-Bid Meeting held on 8th May, 2025. <input type="checkbox"/> Six firms purchased bids and five firms submitted their bids. <input type="checkbox"/> Bid opening held on 29th May, 2025 and completed process for selection of Contractor. <input type="checkbox"/> Notification of intention to award issued on 8th August 2025. <input type="checkbox"/> Standstill period completed on 22th August, 2025.

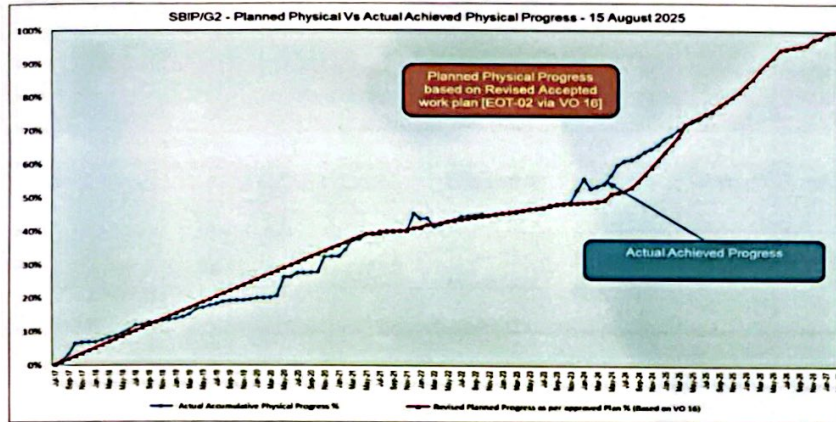
Component/Activity	Progress/Achievement
Rehabilitation & Modernization of Sukkur Barrage: Five Contract Packages (S0, S1, S2, S3 & S4)	
<p>S0: Replacement of 6 Nos emergency gates of main Barrage: <i>M/s Karachi Shipyard and Engineering Works Limited (KSEW)</i></p> <p>S1: Replacement of Gates (main barrage and main canals head regulators): Contractor: M/s. China Road & Bridge Corporation JV HBSZ Contract awarded: 24/10/2022 Works Started: 24/02/2023 Completion: 23/02/2027 Original Cost: PKR 17,071 M Revised Cost: PKR 21,981 M (including S2)</p> <p>S2: Dredging and excavation from left and right pockets</p> <p>S3: Procurement of dredger and performance demonstration:</p> <p>S4: De-silting of Rice Canal: M/s Khyber Grace (Pvt) Ltd and MN Construction Company – JV (KGL – MNCC JV)</p>	<ul style="list-style-type: none"> <input type="checkbox"/> The contract work commenced on 11th November 2019 and completed 100%, with a total executed cost of PKR 20.806 million, as against original contract value of PKR 16.708 million. <input type="checkbox"/> Overall Physical Progress achieved up to 27.64% as against planned 30%. <input type="checkbox"/> Financial Progress achieved upto to 25% <input type="checkbox"/> 18 Nos Gates of main Barrage fabricated and 16 Nos Gates sandblasted, painted, and installed with hoisting systems. Trial Gate No. 36 installed; <input type="checkbox"/> Design & procurement of Canal Gates materials ongoing. Caisson Gate shifted to Jetty from Gate-36 re-shifted on left bank scour sluice gate. <input type="checkbox"/> Load studies approved; transformers installed; control panel installation in progress. <input type="checkbox"/> New Office Block finishing work is in progress. <input type="checkbox"/> The scope of S2 has been merged within main S1 contract as per WB NOL and work will be commenced during the year. <input type="checkbox"/> Review of potential suppliers is underway. <input type="checkbox"/> The contract work started in 11/12/2023 and has been completed 100% on 12th June, 2024 with an amount of PKR 2,008 Million. Performance certificate issued.

Component/Activity	Progress/Achievement
COMPONENT-B (Improved Barrage Operation)	
<p>GUDDU: Improved Barrage Operation. Cost: PKR 232.00</p> <p>SUKKUR: Improved Barrage Operation. Cost: PKR 1336.00</p>	<p>The component covers five activities as per details give below:</p> <ul style="list-style-type: none"> <input type="checkbox"/> Establishment of BMU: BMU established headed by Chief Engineer, however, in accordance with the recommendations of the World Bank, Irrigation Department has moved a summary for approval of Chief Minister Sindh to fully capacitate BMU to implement its core functions agreed by both World Bank and PMO. <input type="checkbox"/> Sediment Management: SOP updated; training conducted; 2024 sampling results are under review. The floods season-2025 provides an opportunity for flushing trial for Guddu and Sukkur Barrages. <input type="checkbox"/> Flow Monitoring & Regulation: Calibration for Guddu canals ongoing; gauge wells for Sukkur and Kotri Barrage canals completed; calibration of Canals will be completed in 2026 closure. <input type="checkbox"/> Emergency Preparedness Plan: Draft EPP prepared and shared with CE, BMU; NGOs consulted on evacuation; DSS integration are under discussion. <input type="checkbox"/> Barrage Safety: PoE notified and reviewed designs, investigated gate failures, and providing feedback on ongoing works. <input type="checkbox"/> Surveillance & Maintenance of Barrage: O&M manuals for both barrages will be updated; O&M procedure for new gates and hoists system of Guddu Barrage prepared.

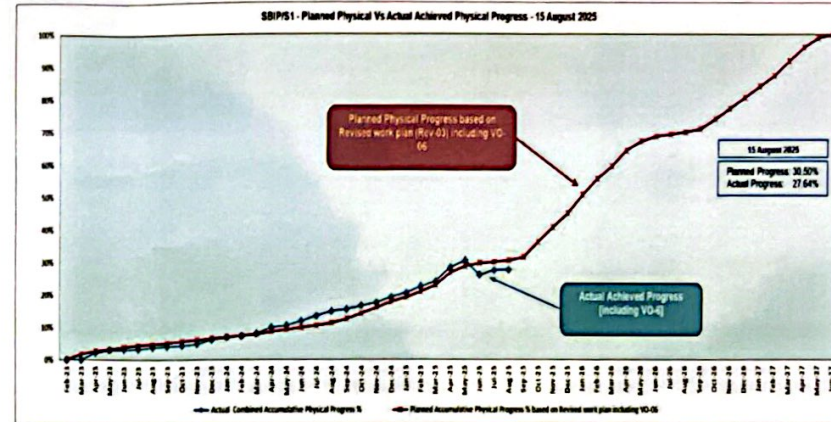
Component/Activity	Progress/Achievement
COMPONENT-C (Technical Studies): Total Cost: PKR 936.40 Million	
<p>1. Sukkur Barrage Model Study:</p> <p>2. Kotri Barrage Initial Safety Assessment:</p> <p>3. Kotri Barrage – Gauge Wells</p>	<ul style="list-style-type: none"> <input type="checkbox"/> Consultancy contract signed on 8/1/2025 with M/s. Artelia Firm for conducting model study. <input type="checkbox"/> Firm arranged visit of senior officers of Irrigation Department including Secretary visited physical model at their laboratory in Grenoble France held on 11-15 November, 2024 followed by second visit for an other group of senior officials held on 3-11 April, 2025. <input type="checkbox"/> Consultants submitted various reports including model construction report, Technical note modelling configurations 1-4 and physical & numerical models developed and calibrated using past flood data. <input type="checkbox"/> REOI published in newspapers on 8th January, 2025 for award of consultancy with last date of 31st January, 2025 for submission of proposals. <input type="checkbox"/> Shortlisting of firms approved by World Bank and RFP issued to the Shortlisted firms. Pre-proposal conference was held on 12th June, 2025. Technical Proposals opened on 14th July, 2025; evaluation process initiated. <input type="checkbox"/> As requested by CE, Kotri, PMO is in process of bidding for procurement of batteries and additional motors required for lifting of Barrage Gates and recouping of piezometers.
COMPONENT-D: River Basin Water Resources and Riverine Management Cost: PKR 250.00 Million	
Dolphin Management and Conservation.	<ul style="list-style-type: none"> <input type="checkbox"/> Participation of Sindh Wildlife Department (SWD) under project was agreed by World Bank and PSC with initial budget of Rs. 196.98 million; MoU was accordingly signed in September 2021. <input type="checkbox"/> The budget proposal expired in June 2023; a revised proposal of Rs. 179.847 million is awaited. <input type="checkbox"/> Procurement for equipment worth Rs. 17.133 million has been completed. <input type="checkbox"/> The planned Dolphin Population Survey (April 2025) was postponed due to security concerns; <input type="checkbox"/> Seven Indus dolphins were successfully rescued by SWD teams without any fatalities. <input type="checkbox"/> Construction of SWD building in Sukkur is delayed due to other ongoing works. <input type="checkbox"/> SWD submitted last report in September 2023; a new focal person now commits to regular reporting and compliance.

ISSUES/ACTION:	<ul style="list-style-type: none"> <input type="checkbox"/> A critical issue has arisen in the S1 contract for the rehabilitation of Sukkur Barrage, stemming from the omission of a foreign currency price adjustment mechanism. This has led to an estimated overpayment of USD 3.75 million. The World Bank has flagged the matter as non-compliant, declared the overpaid amount ineligible for financing, and advised that it be recovered from the contractor and till then all payments to contract be suspended. To address this, a Dispute Avoidance and Adjudication Board (DAAB) is being established and proceedings are underway. PCMU has also shared its technical analysis. <input type="checkbox"/> Executing full or partial removal of silt Excluder obstructing left pocket gate replacement. <input type="checkbox"/> Develop alternate temporary supply arrangements for Rainee Canal farmers during closure. <input type="checkbox"/> Improve Operation & maintenance of Sindh barrages (Component B). <input type="checkbox"/> Auction Scrap gates, allocate land for temporary scrap storage at Sukkur. <input type="checkbox"/> Security issues in surrounding area of Guddu and Sukkur Barrage. <input type="checkbox"/> Slow Progress due to limiting movement of Chinese staff and Working Hours
WAY FORWARD:	<ul style="list-style-type: none"> <input type="checkbox"/> Permission to Chinese staff for 24 hours working. <input type="checkbox"/> For the project requirements and to allow future use of bulkhead gates for maintenance purposes, it is recommended to remove 60ft length of the silt excluder walls. In addition, it is recommended that the top slab be fully removed to minimize the risk of blockage. <input type="checkbox"/> Three locations for temporary supplies have been identified and are under review. <input type="checkbox"/> DAAB is established to resolve the Price Adjustment issue in S1 Contract. <input type="checkbox"/> Approvals / NOL of Dredger under S-3 Contract-SBIP is under process

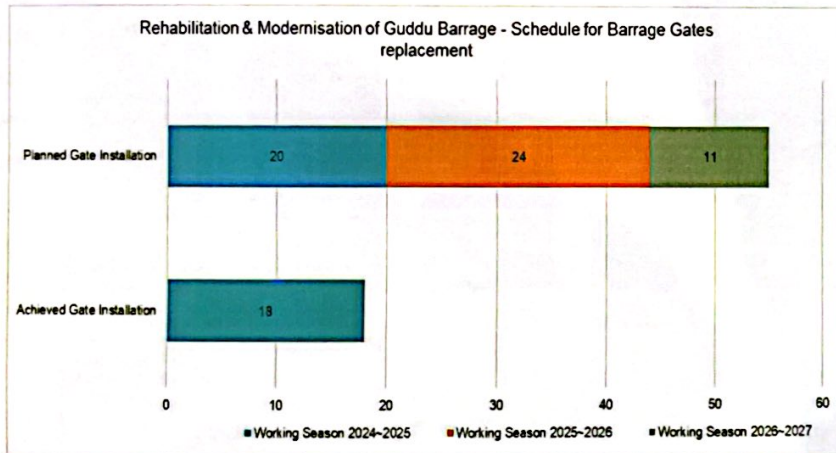
SBIP/G2 Actual Progress v/s Revised Work Plan



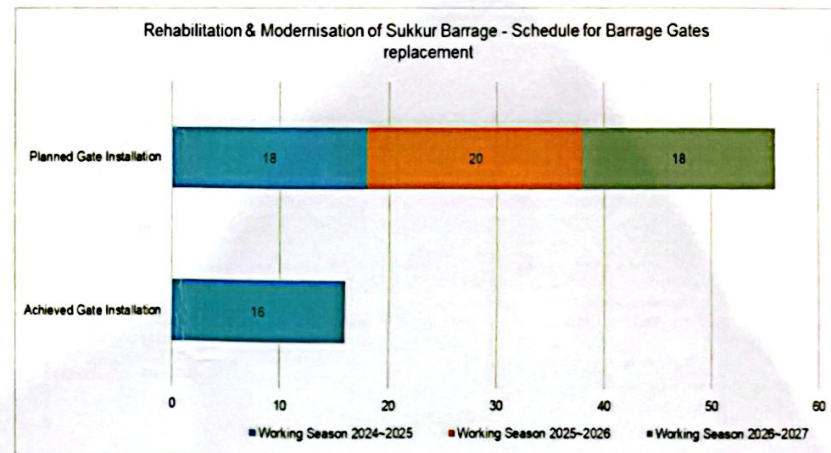
SBIP/S1 Actual Progress v/s Revised Work Plan



SCHEDULE FOR GUDDU BARRAGE GATE REPLACEMENT



SCHEDULE FOR SUKKUR BARRAGE GATE REPLACEMENT



Irrigation Department GoSindh														
Sindh Barrages Improvement Project (SBIP) Rehabilitation & Modernization of Guddu & Sukkur Barrages														
Fortnightly Progress Report ending 15 August 2025 (to be sent after every 15 days)														
Sr. No.	Contract No	Title of Contract	Bid Opening/ Closing Date	Contract Value (PKR)	Revised Contract Value (PKR)	Date of Contract Signing (Date)	Date of Contract Commencement	Stipulated Completion date	Revised Completion date	Achieved Physical Progress (%)	Financial Progress (%)	Schedule Performance Index (SPI)	Cost Performance Index (CPI)	Remarks
1	SBIP/G2	Building Works at Guddu Barrage, Kashmore, Sukkur Barrage @ Sukkur and Barrage Rehabilitation Works at Guddu Barrage, Kashmore	25-Aug-16	9,585,161,481.0	9,098,121,332.8	22-Mar-17	10-Jul-17	09-Jan-22	31-Mar-27	75.81%	72.43%	1.00	1.00	IPC-26 certified by PIC. Revised Contract Value and Completion Date as per VO-16.
2	SBIP/S1	Restoration and up-gradation of Sukkur Barrage	07-Jun-22	17,070,772,991.0	22,352,894,690.9	24-Oct-22	24-Feb-23	22-Feb-27	30-Jun-27*	27.64%	25.00%	0.91	1.00	IPC-11 certified by PIC. Revised Contract Value includes all approved VOs.

