



SINDH BARRAGES IMPROVEMENT PROJECT (SBIP)

PROGRESS BULLETIN

MONTH OF JULY, 2026

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

A. PROJECT PROFILE

The Project initially started in 2015 with scope for rehabilitation/modernization of **Guddu Barrage**. Additional Financing was 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 of Guddu Barrage & Sukkur Barrage.

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	31,335.40	29,494.60	1,840.80	74,618.34	68,349.94	6,268.40
Sukkur Barrage		16,662.5	14,658	2,004.5	43,282.94	38,855.34	4,427.60			
IDA Credit Loan		ORIGINAL			REVISED			AMALGAMATED		
Guddu Barrage		US\$ 78.91			US\$ 122.16			US\$ 290.90		
Sukkur Barrage		US\$ 64.96			US\$ 168.74					
SR. NO	ACTIVITY			TOTAL		FPA		LOCAL		
				US\$	PKR	US\$	PKR	US\$	PKR	
a)	Disbursement/Releases till June 2026			236.13	52910.34	224.96	50,045.04	11.17	2865.30	
b)	Expenditure Incurred till June 2026			235.87	52,842.09	224.96	50,043.26	10.91	2,798.83	
c)	Budget Estimated for FY 2026-2027			46.64	13,525	43.11	12,502	3.53	1,023	
d)	Disbursement/Releases during FY 2026-27			Nil	Nil	Nil	Nil	Nil	Nil	
e)	Expenditure Incurred during FY 2026-27			Nil	Nil	Nil	Nil	Nil	Nil	
f)	Cumulative Disbursement till 31 st July’26			236.13	52,910.34	224.96	50,045.04	11.17	2,865.30	
g)	Cumulative Expenditure till 31 st July’26			235.87	52,842.09	224.96	50,043.26	10.91	2,798.83	
h)	Overall Fin. Progress against Total Disb. (g/f)			99.87%		100.00%		97.68%		
i\	Overall Fin. Progress against Total Cost			70.82%		73.22%		44.65%		

C. PHYSICAL PROGRESS /ACTIVITIES

Component/Activity	Progress/Achievement
Rehabilitation & Modernization of Guddu Barrage: Three Contract Packages (G2, G3 & G3A)	
G2: Gates Replacement works: Contractor M/s DESCON Engineering 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	Overall Physical Progress achieved upto 89.77% & Financial Progress achieved upto 85.77% • Replacement of head regulator gates (25Nos) of three main canals completed. • Total 65 Main Barrage Gates, 56 Gates replaced, 9 Remaining for next working season. • Four pocket scour hoisting systems received at site; two additional units received pending chain connectors. • Canal head regulator punch-list rectification progressed to about 85% on both left and right side canals. • Upstream and downstream cofferdams completed and dewatered; left pocket works and gate replacement activities in progress. • Fish pass gates and embedded parts under fabrication.
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	100% work had been completed in October, 2023 and final payment made in August, 2024; except work of Right TJ Spur did not complete due to land acquisition issue. However, the matter has now been resolved, and land has been acquired and transferred to Irrigation Department for completion of leftover work on TJ Spurs through award of new contract G3A as described as below
G3A: Construction of Right TJ Spur Contractor: M/s HBAS & Co Works Started: 28/10/2025 Completion: 28/04/2026 Original Cost: PKR 1,062 M	Overall Physical Progress 93.76% & Financial Progress 64.52% • Scour protection apron substantially completed up to RD 2+625; toe wall completed up to RD 1+600. • Stone pitching commenced with works completed up to RD 0+400 and progressing further. • Existing spur dismantled and material reused. • EOT of 30 days approved through VO-01 without cost implications.

Component/Activity	Progress/Achievement
Rehabilitation & Modernization of Sukkur Barrage: Five Contract Packages (S0, S1, S2, S3 & S4)	
S0: Replacement of 6 Nos emergency gates of main Barrage: <i>M/s Karachi Shipyard and Engineering Works Limited (KSEW)</i>	Completed. The work started in 11/11/2019 and completed 100% with total amount of PKR 20.806 million as against contract value PKR 16.708 million.
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 22,599 M (including S2)	Overall Physical Progress achieved upto 69.52% & Financial Progress 60.11% • Temporary cofferdam (bays 15–44) restored and maintained; 71 dewatering wells operational. • 50 main barrage gates, 27 main gates fabricated for current season • Eight hoisting systems received at site; remaining units under shipment. • Rectification of punch-list items for previously installed gates and hoists continued. • PMO office occupied; gauge wells and B4 building nearing handover. • Left pocket dredging in progress; right pocket dredging completed. • VO-12 for EOT up to 30 June 2027 submitted for review.
S2: Dredging and excavation from left and right pockets	The scope of S2 has been merged within main S1 contract as per WB NOL and work will be commenced during the year. Accordingly, contractor presented proposed dredging methodology
S3: Procurement of dredger and performance demonstration:	Review of potential suppliers is underway.
S4: De-silting of Rice Canal: M/s Khyber Grace (Pvt) Ltd	Completed. The contract work started on 11/12/2023 and was completed 100% as of 12th June, 2024 with an amount of PKR 2,008 Million. Performance certificate issued.

Component/Activity	Progress/Achievement
COMPONENT-B (Improved Barrage Operation)	
GUDDU: Improved Barrage Operation. Cost: PKR 232.00 SUKKUR: Improved Barrage Operation. Cost: PKR 1336.00	The component covers five activities as per details given below: ☐ Establishment of BMU: BMU established headed by Chief Engineer, however, in accordance with the recommendations of the World Bank Mission, Irrigation Department has moved a summary for approval of Chief Minister Sindh to fully capacitate BMU to implement its core functions. PSC in its 11th meeting held on 30/10/2025 agreed to consider request of PMO for providing support for the project. ☐ Sediment Management: PIC sediment specialist met CE BMU on 12th Dec’25 to discuss flushing proposals. Following which updated proposed Trail Flushing procedures were submitted for review by the department on 31st January 2026. ☐ 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. ☐ Emergency Preparedness Plan: Draft EPP prepared and shared with CE, BMU; NGOs consulted on evacuation; DSS integration are under discussion, in light of flood response in August and September 2025 ☐ Barrage Safety: PoE notified and reviewed designs, investigated gate failures, and provided feedback on ongoing works. ☐ 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	
1. Sukkur Barrage Model Study: 2. Kotri Barrage Initial Safety Assessment: 3. Kotri Barrage – Gauge Wells	☐ Consultancy contract signed on 8/1/2025 with M/s. Artelia Firm for conducting model study. ☐ 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. ☐ Artelia’s updated justification note for the assignment extension was approved through Variation Order 02 on 19 September 2025. Progress on the physical and numerical models was presented to the Irrigation Department on 22/9/2025. Final Report was submitted on 31/1/2026 which is under review by PIC & PMO ☐ Shortlisted firms were approved by the World Bank and the RFP was issued. Following the pre-proposal conference on 12 June 2025, technical proposals were opened on 14 July 2025. The procurement process was delayed due to the World Bank's value-for-money concerns, but approval has now been granted to begin negotiations with the most advantageous bidder. ☐ 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	
	☐ 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. ☐ The budget proposal expired in June 2023 need to be revised. ☐ Procurement for equipment for SWD worth Rs. 17.133 million has been completed. ☐ Seven Indus dolphins were successfully rescued by SWD teams without any fatalities. ☐ In compliance of PSC decision, PCMU arranged a meeting on 4th June 2026 attended by SWD and SBIP officials. As a result of discussions, SWD officials agreed to submit revised proposal by 20/06/2026.

World Bank Implementation Support Mission (June'26)

Visit of WB mission held in June was followed by wrap up meeting held on 30/06/2026 with the following observations given by the mission :

- Overall Implementation Progress retained as Satisfactory
- Financial Management, Procurement and Saeguards remained Satisfactory; Overall Risk remains Substantial.

Component A – Rehabilitation of Guddu & Sukkur Barrages

- Significant progress acknowledged during the 2025–26 working season.
- Complete removal of Sukkur cofferdam before the flood season.
- Expedite contractual issues (Foreign Currency Price Adjustment, Canal Hoisting System and EoT).
- Plan O&M arrangements and staff training for new electromechanical systems.

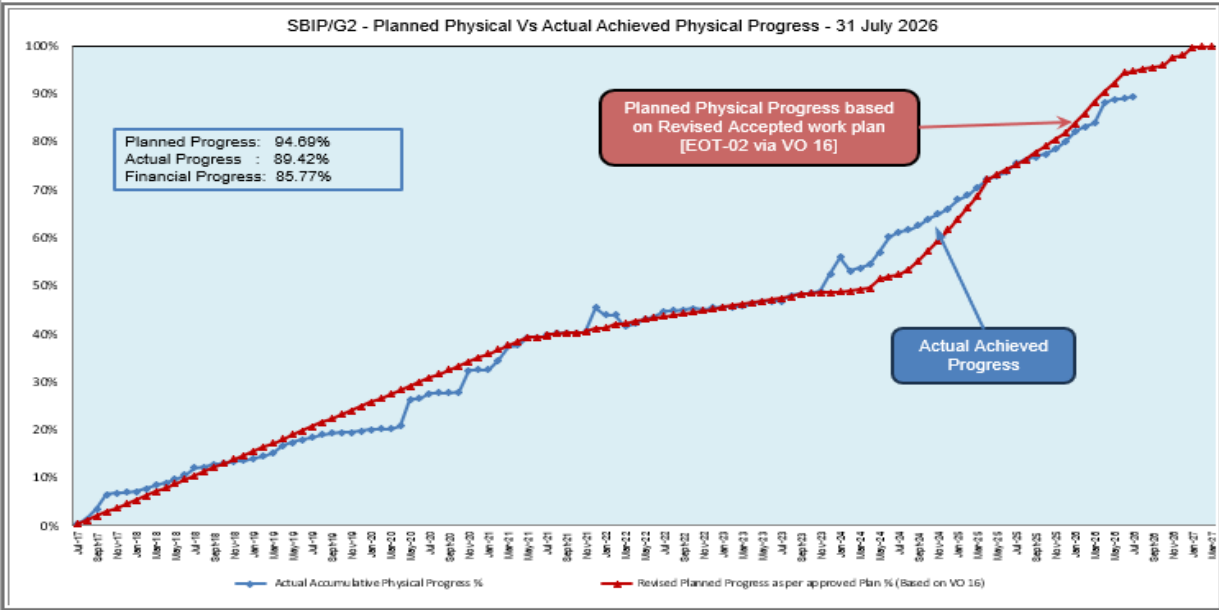
Component B – Improved Barrage Operations

- Limited progress observed; O&M Scorecard improved only from 40% to 44%.
- Accelerate BMU operationalization, canal calibration, sediment monitoring, surveillance & maintenance and Emergency Preparedness Plans.

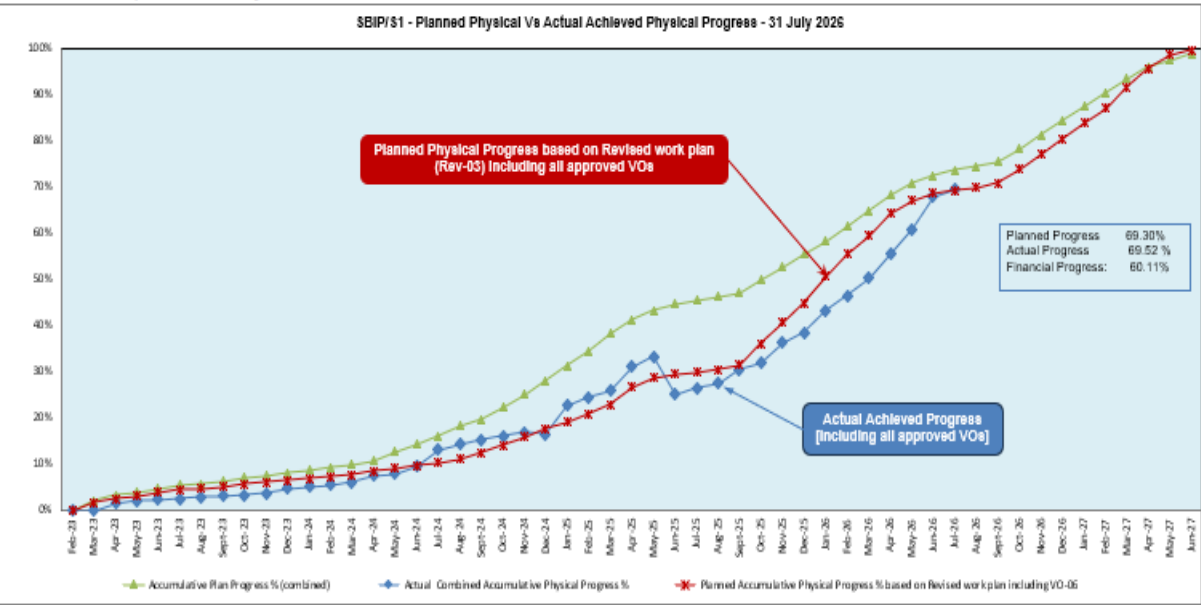
Components C & D

- Expedite procurement of Kotri Barrage Technical Assistance.
- Strengthen contract management, recruit FMS, establish internal audit arrangements and initiate planning to bridge the anticipated financing gap.

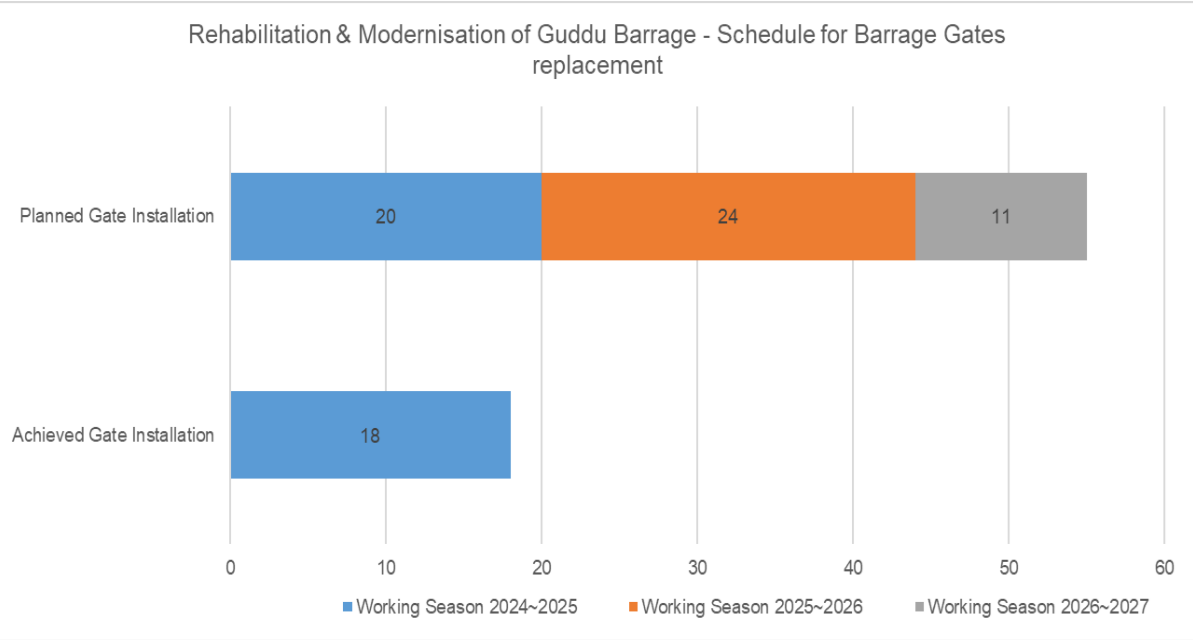
SBIP/G2 Planned Physical Vs Actual physical Progress



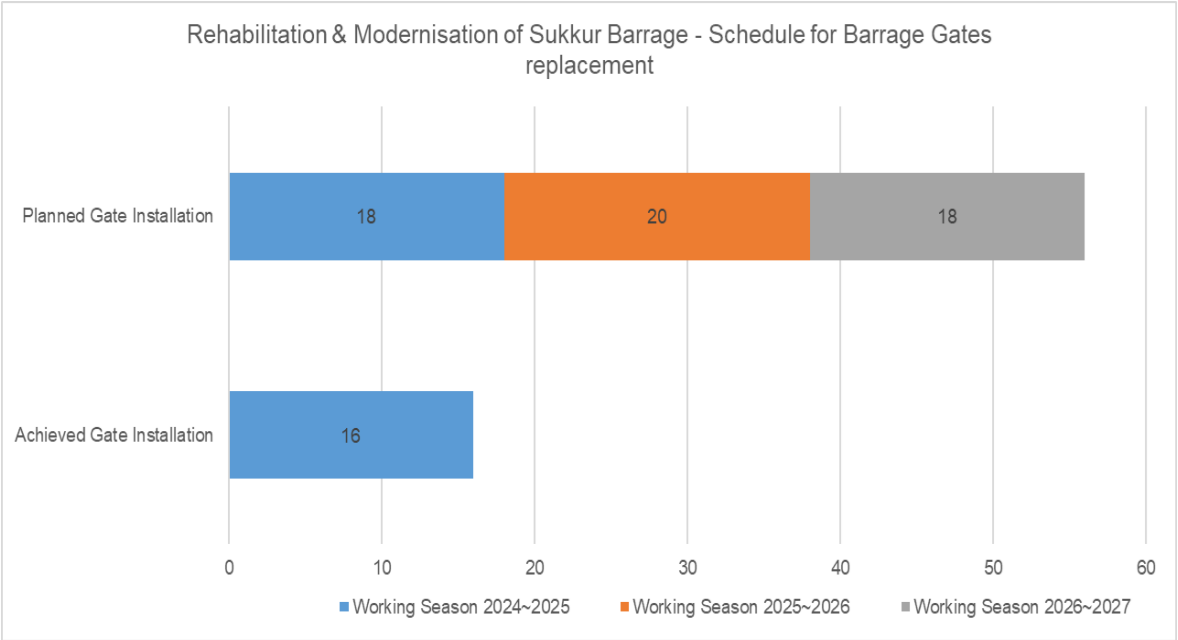
SBIP/S1 Planned Physical Vs Actual physical Progress

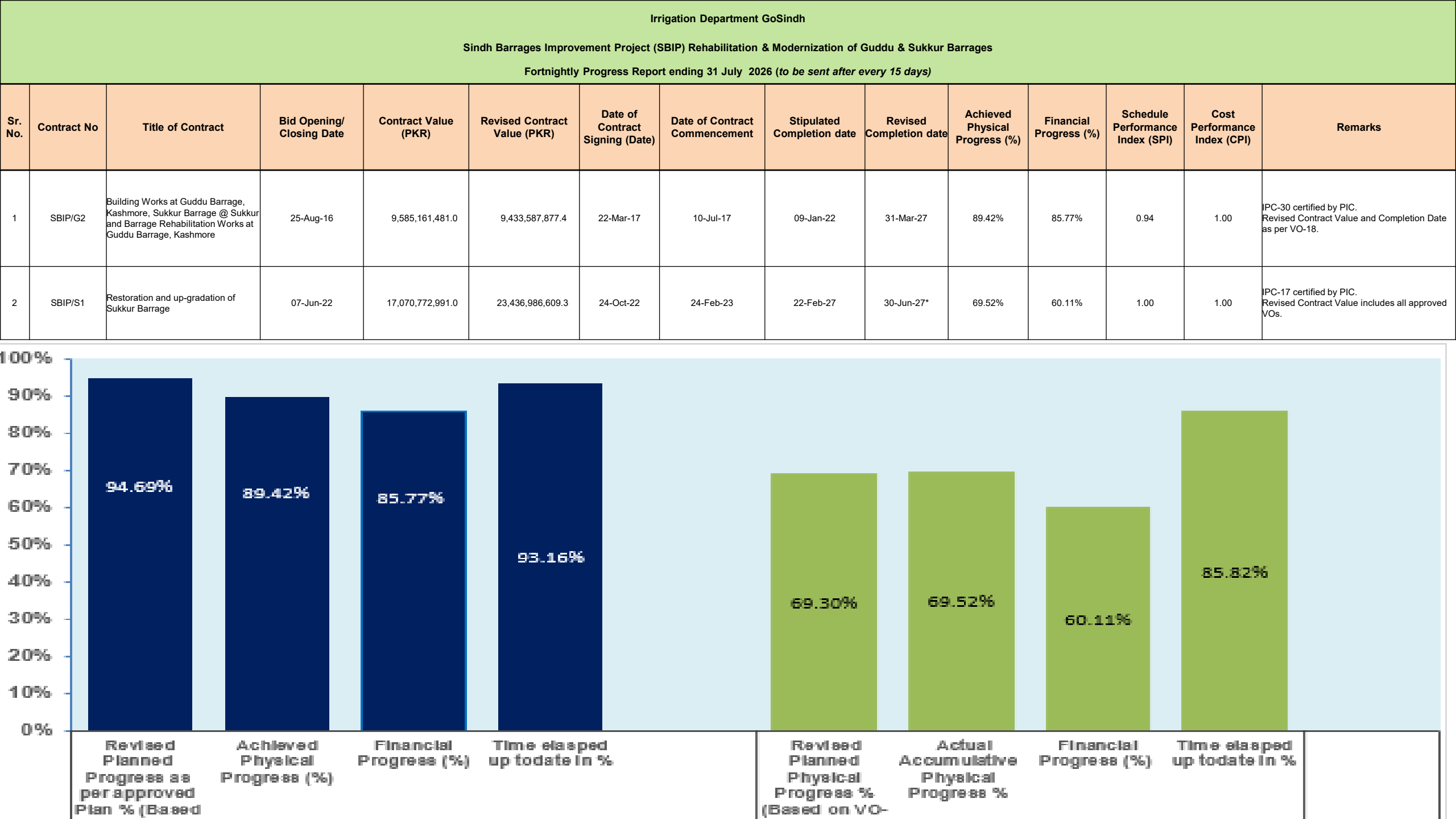


SCHEDULE FOR GUDDU BARRAGE GATE REPLACEMENT



SCHEDULE FOR SUKKUR BARRAGE GATE REPLACEMENT





ISSUES/ACTIONS

- Decision on auction of scrap gate material and allocation of land for temporary scrap storage at Sukkur
- Deployment of Environment and Social Safeguards staff of PMO
- Strengthening and operationalization of BMU is still pending
- Need for pond level maintenance during barrage works
- Approval of VO-12 (EOT of 127 days up to 30 June 2027) for S1
- Disagreement between PMO & Contractor regarding the replacement of canal hoisting system
- Proposal for Riverine Management with specific focus on Dolphin census is awaited from SWD
- Amicable settlement under GCC 21.5 regarding foreign currency price adjustment dispute remains under discussion