



SINDH BARRAGES IMPROVEMENT PROJECT (SBIP)

PROGRESS BULLETIN

MONTH OF MARCH, 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

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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 2025				181.34	37,637.06	173.85	35,716.76	7.49	1,920.30
b)	Expenditure Incurred till June 2025				176.95	36,413.24	169.69	34,550.96	7.26	1,862.28
c)	Budget Estimated for FY 2025-2026				56.79	16,300.00	51.72	15,000.00	5.07	1,300.00
d)	Disbursement/Releases during FY 2025-26				44.27	12,424.7	41.95	11,774.70	2.32	650.00
e)	Expenditure Incurred during FY 2025-26				35.64	10,008.87	33.35	9,367.87	2.29	641
f)	Cumulative Disbursement till 31st March 2026				224.98	50,061.41	215.80	47,491.11	9.18	2,570.30
g)	Cumulative Expenditure till 31st March 2026				211.98	46,422.32	203.04	43,918.49	8.94	2503.83
h)	Overall Progress against total Disbursement (g/f)				92.73%		92.48%		97.41%	
i)	Overall Progress against Total Cost				62.21%		64.26%		39.94%	

C. PHYSICAL PROGRESS /ACTIVITIES

Component/Activity	Progress/Achievement
Rehabilitation & Modernization of Guddu Barrage: Three Contract Packages (G2, G3 & G3A)	
<p>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</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 Contractor: M/s HBAS & Co Works Started: 28/10/2025 Completion: 28/04/2026 Original Cost: PKR 1,062 M</p>	<p>Overall Physical Progress achieved upto 83.89% Financial Progress achieved upto 82.43%</p> <ul style="list-style-type: none"> <input type="checkbox"/> Office Buildings works completed. <input type="checkbox"/> Replacement of head regulator gates (25 Nos) of three main canals completed. <input type="checkbox"/> Replacement of main barrage gates completed upto 91%. <input type="checkbox"/> Installation of Mechanical and Electrical equipment completed upto 85% <input type="checkbox"/> SS-ESMP finalized, cofferdam construction initiated, and diversion channel near completion. <p>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</p> <p>Overall Physical Progress 70.99% Financial Progress 32.00%</p>

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: *M/s Karachi Shipyard and Engineering Works Limited (KSEW)*

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 50.39% & Financial Progress is 44.30%

- Installation of 16 gates and hoisting system G-59 to 44 completed in 2nd season
- Welding of 30 gates (21 river sluice, 6 shipyard & 3 pocket gates) completed.
- Dismantling of remaining gates is on going.
- Trial Gate 36 successfully installed.
- Material/steel for 49 Gates (37 for river sluice & 12 for scour sluice) have been procured and delivered at site. Contractor has ordered for 11 more gates material.
- Review of the design of hoisting system is in progress.
- Refurbishment of the Existing all 04 Gantry cranes completed.

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-B (Improved Barrage Operation)

GUDDU: Improved Barrage Operation. Cost: PKR 232.00

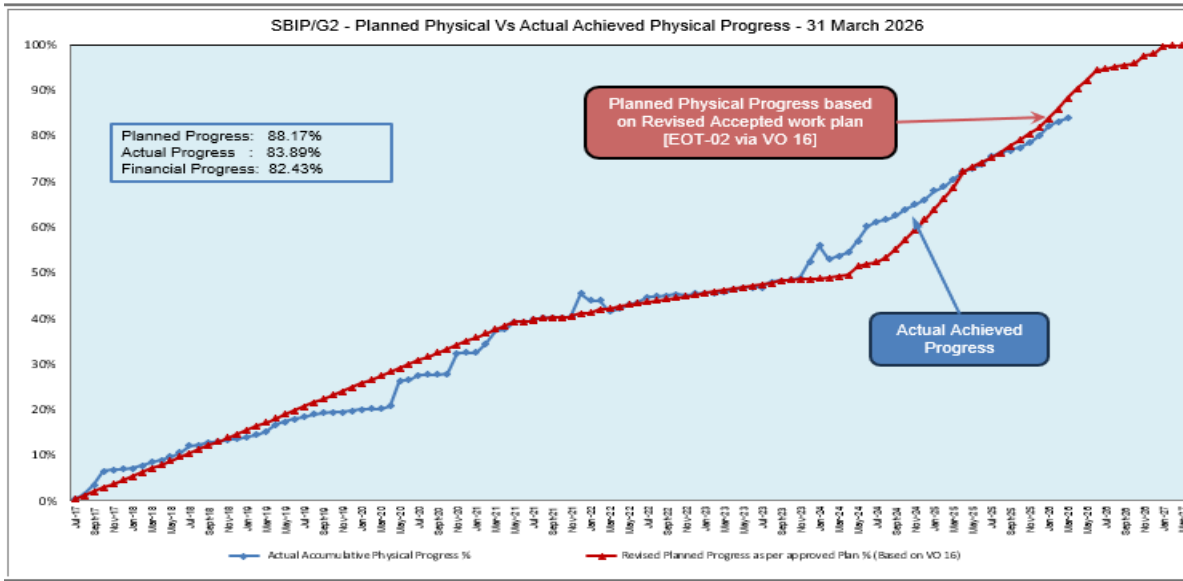
SUKKUR: Improved Barrage Operation. Cost: PKR 1336.00

The component covers five activities as per details given below:

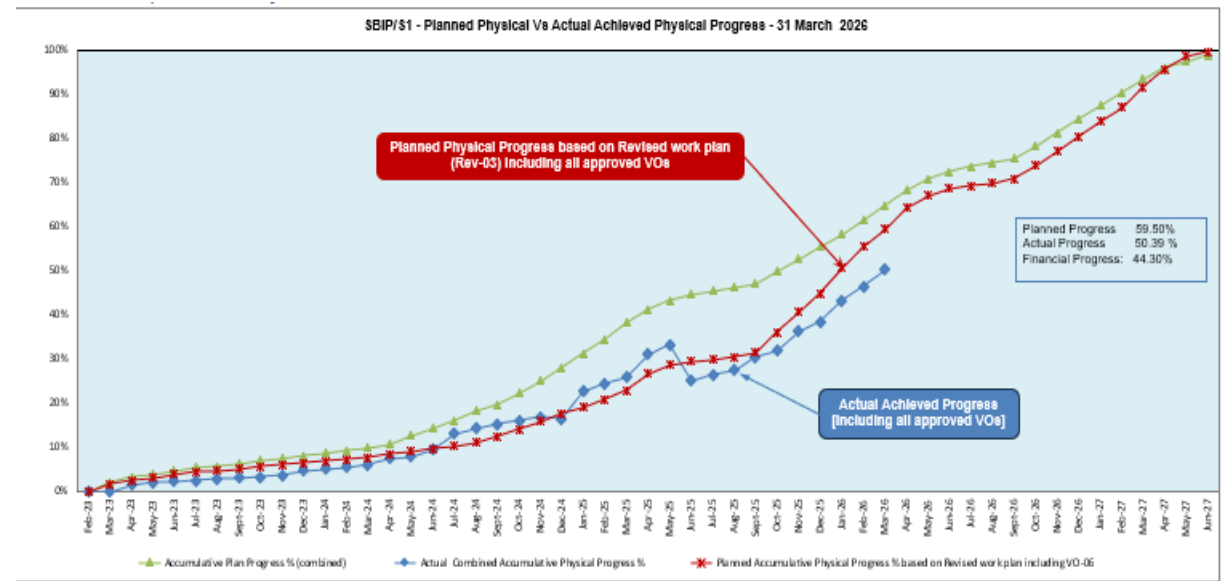
- Establishment of BMU:** BMU established headed by Chief Engineer, however, in accordance with the recommendations of the World Bank Mission, Irrigation Department has moved a summary for approval of Chief Minister Sindh to fully capacitate BMU to implement its core functions. PSC in its 11th meeting 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	
<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"/> 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 of PIC & PMO <input type="checkbox"/> Award of consultancy services, the REOI published in newspapers on 8th January, 2025 with last date of 31st January, 2025. <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; during the bid evaluation process all 5 bidders were found unresponsive. <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	
	<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 need to be revised. <input type="checkbox"/> Procurement for equipment for SWD 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"/> In PSC meeting held on 30/10/2025, it was agreed to submit revised proposal for approval.

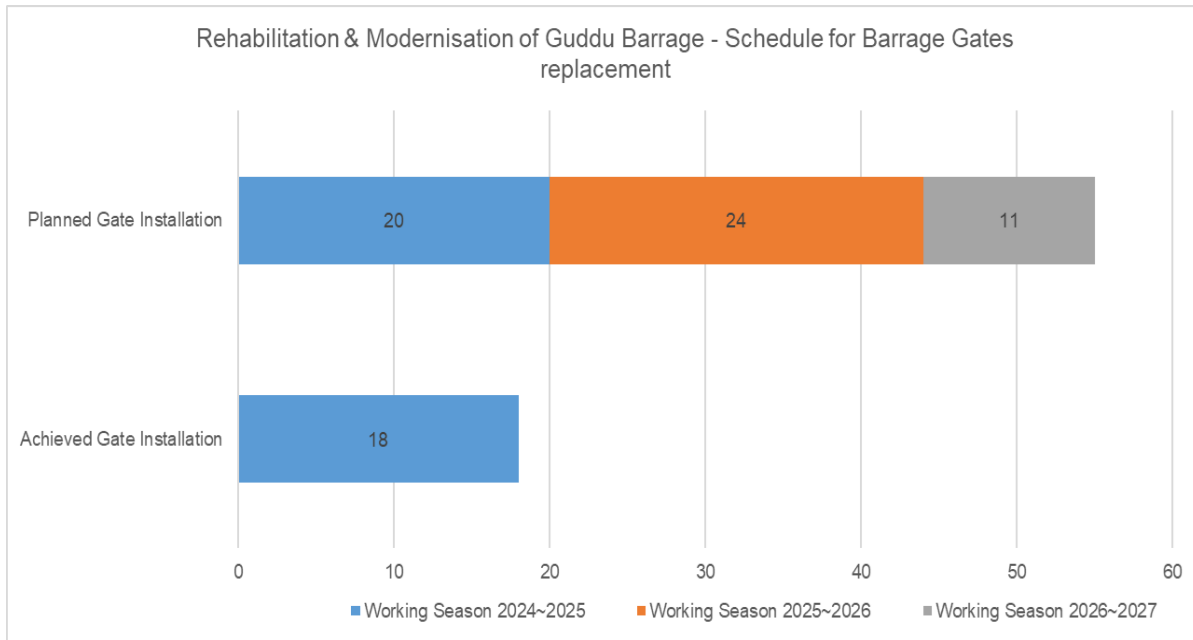
SBIP/G2 Planned Physical Vs Actual physical Progress



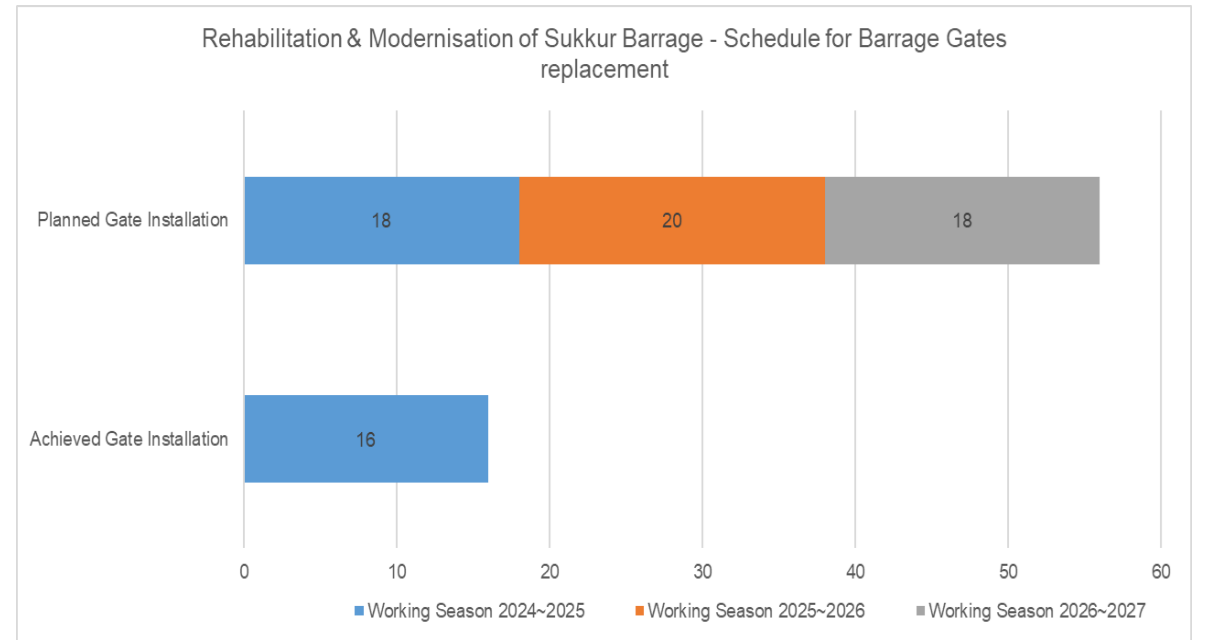
SBIP/S1 Planned Physical Vs Actual physical Progress



SCHEDULE FOR GUDDU BARRAGE GATE REPLACEMENT



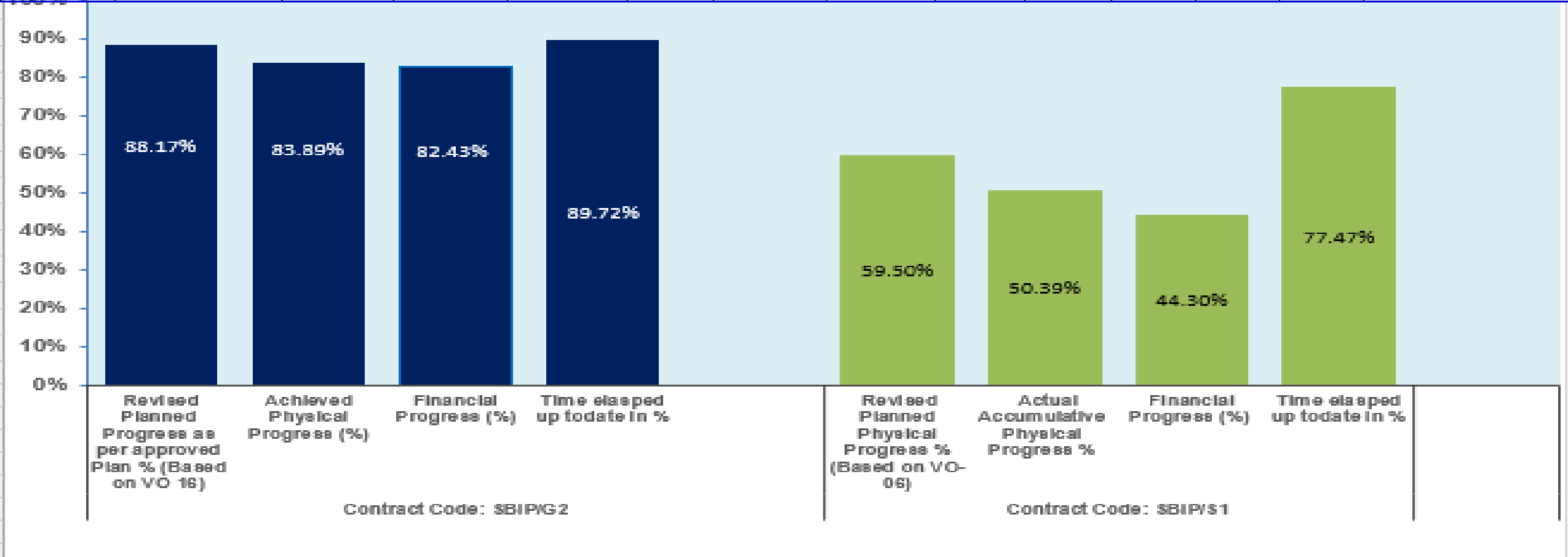
SCHEDULE FOR SUKKUR BARRAGE GATE REPLACEMENT



Sindh Barrages Improvement Project (SBIP) Rehabilitation & Modernization of Guddu & Sukkur Barrages

Fortnightly Progress Report ending 31 March 2026

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	9,433,713,833.8	22-Mar-17	10-Jul-17	09-Jan-22	31-Mar-27	83.89%	82.43%	0.95	1.00	IPC-28 certified by PIC. Revised Contract Value and Completion Date as per VO-18.
2	SBIP/G3A	Construction of Right TJ Spur	25-Mar-24	1,062,582,381.0		13-Oct-25	28-Oct-25	27-Apr-26		70.99%	32.00%	0.38	1.00	IPC-2 certified by PIC.
3	SBIP/S1	Restoration and up-gradation of Sukkur Barrage	07-Jun-22	17,070,772,991.0	23,436,986,609.3	24-Oct-22	24-Feb-23	22-Feb-27	30-Jun-27*	50.39%	44.30%	0.85	1.00	IPC-15 certified by PIC. Revised Contract Value includes all approved VOs.



ISSUES/ACTIONS

1. Decision on existing full or partial removal of silt excluder obstruction left pocket gate replacement
2. Decision on auction of Scrap Gates material and allocation of land for temporary scrap storage at Sukkur
3. Deployment of Environment and Social Safeguards staff of PMO.
4. Additional Financing Requirements
5. Need a pound Level maintenance for barrage works
6. The DAAB decision is under implementation, while the parties are pursuing an amicable settlement under GCC Sub-Clause 21.5. The Contractor sought clarification on the correction factor for IPC-13 and requested a phased recovery arrangement.
7. Meanwhile, USD 100,000 was deducted in IPC-14 (23 Jan 2026) as the first installment toward recovery of the overpaid foreign currency price adjustment, with the remaining schedule under discussion.