



NO: PCMU/SWAT/ 5938

**Government of Sindh
Planning & Development Department
Directorate of Sindh Water Sector &
Barrages Improvement
(SSU-PCMU)**

Karachi dated September 03, 2024

**SUBJECTC: PROGRESS BULLETIN OF AUGUST-2024 FOR SINDH BARRAGES
IMPROVEMENT PROJECT (SBIP), FOR REHABILITATION &
MODERNIZATION OF GUDDU & SUKKUR BARRAGES.**

Please find enclosed subject report for kind perusal of Chairman, P&D Board.

Nazeer Ahmed Memon
Project Coordinator

Secretary, Planning

Chairman P&D Board

SBIP Project – Progress Bulletin – August 2024

Project Description: Sindh Irrigation Department's capacity to effectively rehabilitate, operate, and manage the Sukkur Barrage, as well as to improve the reliability and safety of the Guddu Barrage while enhancing the department's ability to operate and manage it.

Guddu	Signing Date 26-08-2015	Closing Date 22-12-2020	Extended Date: 22-12-2021
Sukkur	Signing Date 13-06-2018	Closing Date 30-06-2028	Extended Date: 30-09-2027

Executing Agencies/Project Implementing Units (PIUs):

Irrigation Department, Government of Sindh through Project Management Office (PMO), SBIP

Approved Cost (Million in PKR)		Guddu Barrage	Sukkur Barrage
FPA (IDA):	68,349.94	29,494.60	38,855.34
GOS (ADP):	6,268.40	1,840.80	4,427.60
Total:	74,618.34	31,335.40	43,282.94

SBIP	Actual Expenditure From 1 st July, 2024 to 31st July, 2024			Expenditure From 1st August, 2024 to 31st August, 2024			BUDGET ESTIMATES 2024-25		
	Through Assignment Account	Through Direct Payment	GOS	Through Assignment Account	Through Direct Payment	GOS	Through Assignment Account	Through Direct Payment	GOS
PKR	0	0	0	798.625	321.209	0	9,379.14	2,988.09	1161.06
US\$:	0	0	0	2.857	1.151	0	33.62	10.71	4.16

Overall Project Activity Progress-August-2024:

- ❑ Eight Meeting of Project Steering Committee-SBIP held on August 21, 2024 under the Chairmanship of Chairman P&D Board, Government of Sindh in the Committee Room of P&D Department, Karachi.
- ❑ Annual Work Plan for Financial Year 2024-25 with financial forecast of US\$ 44.949 million prepared and approved by Project Steering Committee. It includes an amount of US\$ 27.237 million estimated for Sukkur Barrage works, whereas an amount of US\$ 17.712 million has been planned to be utilized for Guddu Barrage works.
- ❑ The emergency response works have been completed on the damaged gates NO: 44 & 47 of Main Sukkur Barrage and gates are being closely monitored and damaged gates will be replaced in upcoming working season.
- ❑ Overall 68% physical progress and 60% financial progress achieved on Guddu Barrage works, whereas 17% physical and 23% financial progress achieved on Sukkur Barrage works.
- ❑ The detailed component wise as well as contract wise progress has been described in the next slides

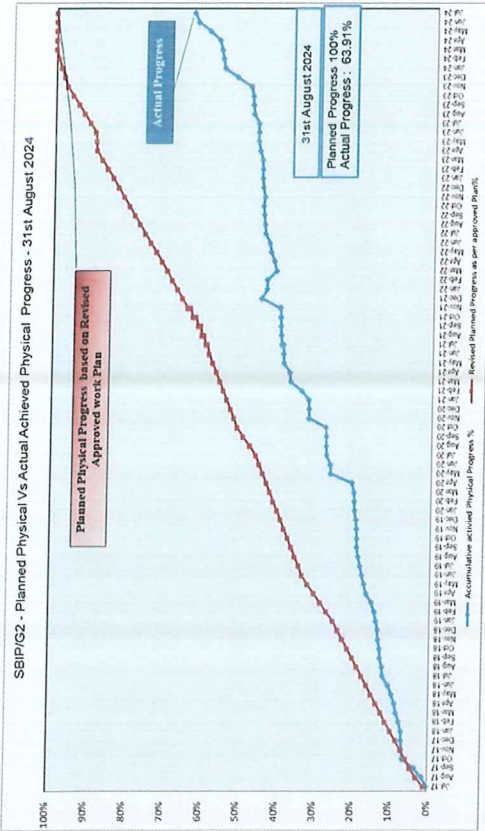


COMPONENT-WISE ACTIVITY PROGRESS

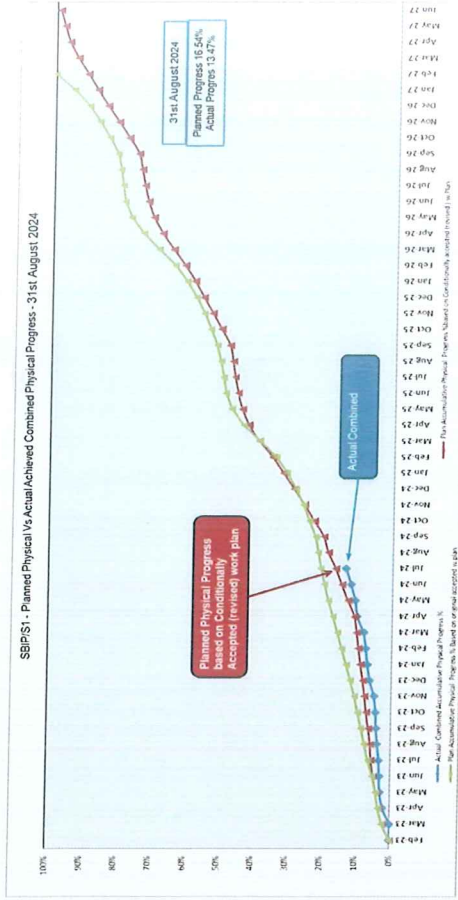
<p><u>Component-A</u> 1. Rehabilitation & Modernization of the Guddu Barrage. Cost: 31,335.40 PKR Million</p> <p>2. Rehabilitation and modernization of Sukkur Barrage and its Associated Structures. Cost: PKR 43,282.59 PKR Million</p> <p>Overall Physical and Financial Progress: Guddu Barrage: <i>Physical : 68%</i> <i>Financial: 60%</i></p> <p>Sukkur Barrage: <i>Physical : 17%</i> <i>Financial: 23%</i></p>	<p>SBIP/G2: Replacement of Main Barrage & Head Regulators Gates and Building Works: Building Construction completed.</p> <ul style="list-style-type: none"> • The first batch of four main barrage gates from JHMC arrived at the site on 22nd July 2024. • The VO was submitted on STEP for World Bank review and the bank stated no objection on 22nd July 2024. • PIC Gates Specialist visited the JHMC gate manufacturing facility in Guanghai and the hoisting facility. <p>Replacement of 65 Main Barrage Gates and Hoisting Equipment:</p> <ul style="list-style-type: none"> • Material for 54 gates procured; fabrication started in China. • 4 gates completed and ready to ship to Pakistan. • The hoisting fabrication is also underway, with 20 sets of canopy sheet material procured and 4 sets of components in various stages of fabrication. • 10 old gates removed and shifted to the stack yard. • FAT for the first batch of four hoisting systems was completed this reporting month. • FAT of the third batch of 10 gates, and the first batch of 4 hoisting systems was completed this reporting month • Main Gate Installation 10 complete, Hoisting System 10 complete • Physical Progress: 63.91%, Financial Progress: 58.89% <p>SBIP/G3: River Training Works:</p> <ul style="list-style-type: none"> • Physical Progress: 100% Performance certificate issued, Financial Progress: 95% (Final payment Application is to be submitted by the Contractor) • Performance Certificate has been issued. • This month a reminder letter was sent to the Contractor requesting submission of revised Final Payment Certificate application and substantiation of claims. • A meeting was held with the MEPCO officials in Multan on 28th February 2024 for discussion regarding the raising of 132 KV Transmission Lines and finalizing the MOU. <p>SBIP/G3A: Construction of Right T.J Spur upstream of Guddu Barrage:</p> <ul style="list-style-type: none"> • The procurement process is underway with the bid evaluation report now under review of World Bank. • The revised bid is under review with PMO and PIC <p>SBIP/S1: Restoration and Upgradation of Sukkur Barrage</p> <ul style="list-style-type: none"> • Physical Progress: 14%, Financial Progress: 22% • Material for 19 gates procured from China arrived at the site on 28th July 2024. The Contractor's request for procurement of material for the second batch of 15 gates has been accepted by PIC. • Building Works: • Engineers Compound: 90%, New Exen Office Block (B-2): 25%, SE Office (B-4): 70%, PMO Office: 10% <p>SBIP/S2:</p> <ul style="list-style-type: none"> • The updated Variation Order for merging the scope of SBIP/S2 with the SBIP/S1 contract, has been submitted by PMO on 4th July 2024 and is being updated in light of World Bank comments. <p>SBIP/S3: Procurement of Dredgers:</p> <ul style="list-style-type: none"> • On hold <p>SBIP/S4: Desilting of Rice Canal from RD 0 to RD 82.40.</p> <ul style="list-style-type: none"> • Desilting of Rice Canal from RD 0 to RD 82.4 has been completed. • Performance certificate has been issued and contract in under DLP. • Physical Progress: 99%, Financial Progress: 95%
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<p>COMPONENT-B</p> <p>GUDDU: Improved Barrage Operation. Cost: PKR 232.00 Million</p> <p>SUKKUR: Improved Barrage Operation. Cost: PKR 1336.00 Million</p>	<ul style="list-style-type: none"> • Establishment of Barrage Monitoring Unit: Established 100% • Emergency Preparedness Plan for Guddu, Sukkur and Kotri Barrages: in progress • Calibration of Three canals of Guddu Barrage is in progress • Prequalification for contracts SBIP/G2, SBIP/G3 and SBIP/S1 are complete.
<p>COMPONENT-C</p> <p>Technical Studies. Cost: PKR 936.40 Million</p>	<p>Model Study for Sukkur Barrage:</p> <ul style="list-style-type: none"> • Consultancy agreement signed on 8 January 2024, Kick-off meeting held on 25 January 2024, Data collection completed and inception report submitted on 15 March 2024.. • Final inception report submitted on 18 April 2024. • Physical Model construction of Sukkur and Guddu Barrages started numerically and ROEI has been published in Newspaper on 28th February 2024, while Deadline for submission of ROEI is 23-April-2024. • Shortlist of the consultants are under preparation. <p>Initial Safety Assessment for Kotri Barrage:</p> <ul style="list-style-type: none"> • Conducted by Andrew Kirby (P/C's Barrage Safety Specialist) in September 2022, & Assessment submitted to PMO on 9 November 2022.
<p>COMPONENT-D</p> <p>River Basin Water Resources and Riverine Management Cost: PKR 250.00 Million</p>	<ul style="list-style-type: none"> • The Sindh Wildlife Department conducted a Dolphin Population Survey in April 2019 and planned another for 2024. However, due to law and order issues involving Guddu and Sukkur Barrage, the survey was delayed, with the Police Department declining to provide a security squad. The World Bank recommended involving law enforcement and adding the issue to the PSC agenda for resolution, as the survey is crucial for the SBIP project. • A Dolphin Rescue Centre was established at Sukkur, and goods and vehicles were procured for the Sindh Wildlife Department according to their specifications.
<p>COMPONENT-E</p> <p>Project Management and Evaluation, Price Escalation and Physical Contingencies. Cost: 13,033.4 Million</p>	<ul style="list-style-type: none"> • Project Management (Ongoing) • Project Coordination & Monitoring Unit • Technical Assistance by UNFAO
<p>ISSUES/ACTION:</p>	<ul style="list-style-type: none"> • The security situation deteriorated in late July 2024, with incidents of direct firing at the Contractor's site office and residential camp as the Law & Order situation in the local area remains a concern. • The BMU proposal should be submitted to P&D Department for review and approval of PSC to ensure alignment with both the World Bank's procurement guidelines and the approved PC-I. • An Administrative Approval (AA) for Amalgamated PC-I should be issued for both barrages under the revised scheme (Scheme No. 2931) and re-appropriation to address immediate salary concerns. The Project Director, SBIP was directed to promptly write a letter to Planning & Development Department to facilitate these re-appropriations.
<p>WAY FORWARD:</p>	<ul style="list-style-type: none"> • Chinese contractor at Sukkur Barrage, requesting additional bulletproof vehicles and Rangers support. A Root Cause Analysis report is underway. The mobilization of Chinese sub-contractor is expected in August 2024. • Any changes required to the design following the trial need to be resolved at the earliest opportunity to avoid delay in main barrage gate fabrication and working season installation programme. • The Contractor has undertaken a detailed survey by a specialist company to facilitate the development of their design.

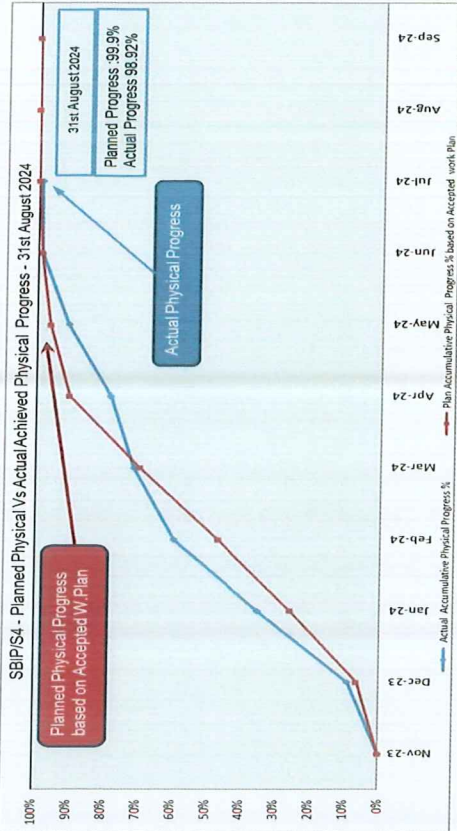
PHYSICAL PROGRESS CHART – G2 CONTRACTOR



PHYSICAL PROGRESS CHART – S1 CONTRACTOR



PHYSICAL PROGRESS CHART – S4 CONTRACTOR



MAIN BARRAGE GATE FABRICATION STATUS

