

## Pakistan : Karachi Bus Rapid Transit Red Line Project

### 1. Project Information

Project ID:	P000162	Instrument ID:	L0162A
Member:	Pakistan	Region:	Southern Asia
Sector:	Transport	Sub-sector:	Urban transport
Instrument type:	<input checked="" type="checkbox"/> Loan:71.80 US Dollar million <input type="checkbox"/> Guarantee	Co-financier(s):	Asian Development Bank
ES category:	A	Borrowing Entity:	Ministry of Finance, Pakistan
Implementing Entity:	TransKarachi; Sindh Mass Transit Authority		
Project Team Leader:	Yaxin Yan (Responsible DG: Gregory Liu; Responsible Department: INF2)		
Project Team Members:	Zhixi Zhu, OSD - Environment Specialist; Liu Yang, Project Counsel; Yogesh Malla, OSD - Financial Management Specialist; Guoping Yu, OSD - Procurement Specialist; Manuel Benard, Back-up PTL; Jiaming Yu, Project admin		
Completed Site Visits by AIIB:	Jun, 2022 17 -21 June 2022 (Ghufran Shafi and Ibad ur Rehman). Note: As the focal point of INF2 Pakistan portfolio, Ghufran visited Karachi for loan review missions of a few projects, including Karachi Bus Rapid Transit Red Line Project. Sep, 2022 19-20, September 2022 (Yaxin Yan, Manuel Benard, Tahir Sheikh), Loan Review Mission		
Planned Site Visits by AIIB:	None		
Current Red Flags Assigned:	0		
Current Monitoring Regime:	Regular Monitoring		
Previous Red Flags Assigned:	0		
Previous Red Flags Assigned Date:	2022/06		

### 2. Project Summary and Objectives

The objective of the Project is to provide an efficient and sustainable public transport system in Karachi by delivering the city's Red Line Bus Rapid Transit (BRT) corridor.

The Project will improve the public transport system in Karachi through efficient and safe connectivity and reduced journey times, and will provide high quality, accessible and affordable mass transit. The planned activities under the project are (1) delivering (i) the 24.2-kilometer (km) Red Line main corridor, (ii) a 2.4-km section of the common corridor along with all BRT lines merged in the city center and (iii) off-corridor direct and feeder service routes connecting the corridor to communities; and (2) establishment of BRT operations, including procurement of compressed natural gas-hybrid fleet and systems.

Total Project cost is USD 503.2 million and co-financed by ADB (USD 235 million), AFD (USD 71.8 million), GCF (USD 49 million), GoS (USD 75.6 million) and AIIB (USD 71.8 million).

### 3. Key Dates

Approval:	Nov. 11, 2019	Signing:	Feb. 24, 2021
-----------	---------------	----------	---------------

Effective:	Apr. 13, 2021	Restructured (if any):	
Orig. Closing:	Jun. 30, 2024	Rev. Closing (if any):	

**4. Disbursement Summary (USD million)**

Contract Awarded:		Cancellation (if any):	0.00
Disbursed:	3.13	Most recent disbursement (amount/date):	0.18/Apr. 13, 2021
Undisbursed:	68.67	Disbursement Ratio (%) <sup>1</sup> :	4.36

**5. Project Implementation Update**

The Contractor of Lot 1, which contract has been signed in December 2021 has been mobilized onsite and started works. The main ongoing activities include: (i) tree cutting, (ii) test pits for utilities relocation; (iii) temporary traffic diversions for underpasses and stations, (iv) excavation/ reinforcement/ concreting for storm water drain, and (v) existing utilities relocation. The Contractor of Lot 2 has just relocated its site camp office from Urdu University ground to Aladin park. The main ongoing activities include (i) tree counting, and (ii) joint survey with the Project Management and Construction Supervision Consultants (PMSCS). The two main issues pending, alternate land for relocation of Rangers and relocation of utilities, are likely to cause additional delays of 6 to 8 months to the project implementation. For the utility relocation, given the complexity and scale of eight utilities involved, a utility relocation committee has been set up and regular meetings are scheduled to solve pending issues. The key milestones of civil works are now rescheduled as follows:

- Utilities relocation of main corridor (lot 1-Malir Hall to Mosmyat): May 09, 2023
- Utilities relocation of main corridor (lot 2-Mosmyat to Numaish): August 14, 2023
- Utilities relocation of common corridor (lot 3-Municipal Park to Tower): January 11, 2024
- Civil infrastructure works of main corridor (lot 1-Malir Hall to Mosmyat): May 08, 2024
- Civil infrastructure works of main corridor (lot 2-Mosmyat to Numaish): August 13, 2024
- Civil infrastructure works of common corridor (lot 3-Municipal Park to Tower): August 13, 2024

Components	Physical Progress	Environmental & Social Compliance	Procurement
Component A.	Lot-1: contract has been	ES documents	Procurement for PMSCS

<sup>1</sup> Disbursement Ratio is defined as the volume (e.g. the dollar amount) of total disbursed amount as a percentage of the net committed volume.

Construction of Karachi Red Line BRT Corridor and Associated Facilities	<p>signed in December 2021 has been mobilized onsite and started works. The main ongoing activities include: (i) tree cutting, (ii) test pits for utilities relocation; (iii) temporary traffic diversions for underpasses and stations, (iv) excavation/ reinforcement/ concreting for storm water drain, and (v) existing utilities relocation.</p> <p>Lot-2: just relocated its site camp office from Urdu University ground to Aladin park. The main ongoing activities include (i) tree counting, and (ii) join survey with the Project Management and Construction Supervision Consultants (PMSCS).</p>	<ul style="list-style-type: none"> <li>EIA - Main Corridor is approved &amp; disclosed on ADB website since July 2019, SEPA had also accorded NOC October 26, 2020.</li> <li>EIA - Common Corridor is approved &amp; available on ADB website since July 2019, the final EIA will be submitted to SEPA after finalization of the Common Corridor red line BRT design.</li> <li>IEE - Staging Facility is approved &amp; published on ADB website since July 2019, the same will be submitted to SEPA for issuance of NOC after design finalization.</li> <li>Final RP – Main Corridor developed in June 2019 &amp; updated Implementation Ready Resettlement Plan on November 2021.</li> <li>Draft RP-Common Corridor &amp; Staging Facility is developed based on preliminary design.</li> <li>Social Due Diligence Report for Biogas Plant and approved by ADB. Furthermore, RP draft in progress.</li> <li>Contractors' SSESMPs for Lot 1 and 2 have been prepared.</li> </ul> <p>External Monitoring</p> <ul style="list-style-type: none"> <li>Semi-annual External Environmental and Social Monitoring Reports have submitted by June 2022 respectively.</li> </ul>	and Civil Works (Lot 1 & Lot 2) completed. The PMSCS is providing project management and construction supervision services to the project. The two works contracts are under implementation and there have been no variations registered so far.
Component B. Establishment of BRT Operations	In Planning stage.	<p>ES documents</p> <ul style="list-style-type: none"> <li>EIA - Main Corridor is approved &amp; disclosed on ADB website since July 2019, SEPA had also accorded NOC October 26, 2020.</li> <li>EIA - Common Corridor is approved &amp; available on ADB website since July 2019, the final EIA will be submitted to SEPA after finalization of the Common Corridor red line BRT design.</li> <li>IEE - Staging Facility is approved &amp; published on ADB website since July 2019, the same will be submitted to SEPA for issuance of NOC after design finalization.</li> <li>Final RP – Main Corridor</li> </ul>	No contracts have been awarded under this component. Procurement for system control company, vehicle operating company and Biogas plant to be undertaken. TransKarachi shall complete bid documents for the system control company. ADB shall provide the technical experts to assist TransKarachi in completing the bid documents for the biogas DBO and vehicle operating company tender.

		<p>developed in June 2019 &amp; updated Implementation Ready Resettlement Plan on November 2021.</p> <ul style="list-style-type: none"> <li>• Draft RP-Common Corridor &amp; Staging Facility is developed based on preliminary design.</li> <li>• Social Due Diligence Report for Biogas Plant and approved by ADB. Furthermore, RP draft in progress.</li> <li>• Contractors' SSESMPs for Lot 1 and 2 have been prepared.</li> </ul> <p>External Monitoring</p> <ul style="list-style-type: none"> <li>• Semi-annual External Environmental and Social Monitoring Reports have submitted by June 2022 respectively.</li> </ul>	
--	--	--	--

**Financial Management:**

.

**6. Status of the Grievance Redress Mechanism (GRM)**

An integrated GRM for environment and social was established and functional at the project level to facilitate amicable and timely resolution of complaints and grievances, including local communities regarding the social, environmental, and resettlement aspects of the project. A Grievance Redress Committee has been established. 147 grievances were received and 133 of them have been resolved by December 2022. The pending 14 cases are requests for correction in their cheques for compensation.

**7. Results Monitoring**

The BRT lines are in planning and construction phase, in view of 2025 operations. AIIB and ADB team are working together to update the result monitoring framework to align the dates and targets with revised project completion timeline.

**Project Objective Indicators #1**

Number of passengers carried, as measured by the average daily ridership, of whom at least 15% are women (people, million)

Year	Target	Actual	Comments, if any
Nov. 12, 2019	N/A	0	Baseline
Jan. 01, 2024	0.32	N/A	Target

**Project Objective Indicators #2**

Increased average bus commercial speeds on the BRT corridor (km/hr)

Year	Target	Actual	Comments, if any
------	--------	--------	------------------

Nov. 12, 2019	N/A	12.2Km/hr	Baseline
Jan. 01, 2024	25.0	N/A	Target

**Project Objective Indicators #3**

Reduced GHG (Green House Gas) emissions by using CNG (Compressed Natural Gas)-hybrid buses (Metric ton of CO2eq)

Year	Target	Actual	Comments, if any
Nov. 12, 2019	N/A	0	Baseline
Jan. 01, 2024	77,979	N/A	Target

**Intermediate Result Indicators #1**

Construction of 22-km main corridor and 2.4-km common corridor (km)

Year	Target	Actual	Comments, if any
Nov. 11, 2019	N/A	0	Baseline
Dec. 31, 2023	26.6	N/A	Target

**Remarks:**

---