

OFFICIAL DOCUMENTS LN 8499-IN

Supplemental Letter No. 2

STATE OF TAMIL NADU

May 28, 2015

International Bank for Reconstruction and Development
1818 H Street, N.W.
Washington, D.C. 20433
United States of America

INDIA: Loan No. 8499-IN
(Second Tamil Nadu Road Sector Project)
Performance Monitoring Indicators

Dear Sirs and Mesdames:

We refer to: (a) Section II.A of Schedule 2 to the Loan Agreement of even date herewith between India (the Borrower) and International Bank for Reconstruction and Development (the Bank); and (b) Section II.A of the Schedule to the Project Agreement between the Bank and the State of Tamil Nadu (the Project Implementing Entity).

Unless otherwise agreed with the Bank, we shall monitor and evaluate the implementation of the Project in accordance with the Performance Monitoring Indicators attached to this letter.

Very truly yours,

STATE OF TAMIL NADU

By Rangan
Authorized Representative

Attachment – Performance Monitoring Indicators

India: Second Tamil Nadu Road Sector Project (TNRSP II) (P143751)

Results Framework

Project Development Objectives

PDO Statement

The project development objective is to increase road capacity, enhance quality of maintenance, improve safety and support institutional development of Tamil Nadu's core road network (CRN).

Project Development Objective Indicators

Indicator Name	Core	Unit of Measure	Baseline	Cumulative Target Values					Frequency	Data Source/ Methodology	Responsibility for Data Collection
				YR1	YR2	YR3	YR4	End Target			
Roads in good and fair condition (IRI<4) as a share of total classified roads	X	Percentage	35.6%			40%		45%	At Baseline, Mid Term and Yr 5 (at close of Project)	Road condition survey	HD, DPR Consultants
Size of the total classified network	X	Kilometers Sub-type Supplemental	11,594							HD data	
Reduced average travel time per kilometer on project roads		Text	1.25 min					1 min	At Baseline, Mid Term and Yr 5 (at close of Project)	DPRs, Mid-Term Review and Ex-Post Evaluation study	HD, DPR Consultants

Reduced average Vehicle Operating Cost (VOC) on project roads		Text	Cars – 5.8 INR/km Trucks – 24 INR/km						Cars – 5 INR/km Trucks – 22 INR/km	At Baseline, Mid Term and Yr 5 (at close of Project)	DPRs, Mid-Term Review and Ex-Post Evaluation study	HD, DPR Consultants
No increase in number of annual fatalities from road accidents on project roads		Text	452 fatalities in 2014						No increase in fatalities	At Baseline, Mid Term and Yr 5 (at close of Project)	DPRs, Police Records and other road accident statistics collated by GoTN	HD, DPR Consultants

Intermediate Results Indicators

Indicator Name	Core	Unit of Measure	Baseline	Cumulative Target Values					Frequency	Data Source/ Methodology	Responsibility for Data Collection
				YR1	YR2	YR3	YR4	End Target			

Component A: Network Improvement

Road rehabilitated	X	Kilometers	0						575	Annually	Annual reports/Quarterly Progress Reports	HD
Length of CRN developed using new contracting methods (such as EPC, PPP, and PBMC contracts)		Kilometers	350			1000			2000	At Baseline, Mid Term and Yr 5 (at close of Project)	Signed contracts, Project Progress Reports	HD, GoTN
Increase in number of HD field divisions/circles that have implemented at least a large civil works contract under the new modes of contracting		Number	0			3			5	At Baseline, Mid Term and Yr 5 (at close of Project)	Annual reports/Quarterly Progress Reports	HD

Number of Project Affected Families that received full compensation and all R&R assistance (including % women)			0	2000	5000	7000	8500	9000	Quarterly	Annual/Quarterly Progress Reports (with gender disaggregated data)	HD
Local labor among unskilled employment created under the works contracts(including women)		%	0			30		50	Quarterly	Annual/Quarterly Progress Reports (with gender disaggregated data)	HD
State Road Toll policy formulated		Yes/No	Not in place					State Road Toll policy formulated and accepted.	At Baseline, Mid Term and Yr 5 (at close of Project)	GoTN Circulars / Notifications	HD, GoTN
Component B: Institutional Capacity Enhancement											
Enhanced efficiency of HD to manage its road network		Number of kilometers widened / strengthened annually	800			1000		1200	Annually	Annual Reports	HD
Capacity enhancement of HD staff (both HQ and field staff) undertaken for preparation and implementation of new methods of contracting (including % women trained)		Capacity building actions, percentage	To be initiated			Training needs assessment study carried out and capacity enhancement/training calendar established		Capacity enhancement/training programs held as per calendar and at least 75% of HD (both HQ and field staff) trained in new contracting methods. At least 90% of women staff trained.	At Baseline, Mid Term and Yr 5 (at close of Project)	Annual reports/Quarterly Progress Reports, Consultant reports	HD, Consultants
Increased use of automated systems for strategic planning		Institutional strengthening actions	To be initiated			Annual updation of road collection data PFMS piloted in 3 Circles		Road Management System mainstreamed for rationalizing road investments / maintenance. PFMS mainstreamed	At Baseline, Mid Term and Yr 5 (at close of Project)	Annual reports/Quarterly Progress Reports, Consultant reports	HD, Consultants

								in all Circles and used for monitoring and management of civil works			
Reduced time in preparing, awarding and implementing large size projects		Months	48					36	At Baseline, Mid Term and Yr 5 (at close of Project)	Annual reports/Quarterly Progress Reports	HD

Component C: Road Safety

CRN (length) on which road safety related improvements carried out		Kilometers	0			1400		1700	At Baseline, Mid Term and Yr 5 (at close of Project)	Signed contracts, Project Progress Reports	HD
Key recommendations/actions as per State Road Safety Policy implemented		Policy and Institutional Actions	Partially implemented			Actions w.r.t. safety campaigns, training, enforcement, equipment, etc. initiated. Actions to strengthen institutional mechanism for road safety initiated.		All major State Road Safety Policy actions implemented or initiated.	At Baseline, Mid Term and Yr 5 (at close of Project)	Annual reports/Quarterly Progress Reports, Consultant reports	HD, other stakeholder departments (such as Transport, Police, Health and Education), Consultants