

PROJECT PREPARATORY TECHNICAL ASSISTANCE

A. Justification

1. The combination of an RBL program and an MFF can potentially increase the predictability of support for results and institutional development. However, complication may occur in processing the program under the existing government and ADB business processes. A project preparatory technical assistance (PPTA) is therefore required to assist the government and ADB in assessing the PMGSY system, preparing the program action plan, and other due diligence as needed.

B. Major Outputs and Activities

2. The PPTA will deliver two outputs: (i) an assessment of PMGSY program, including both technical and system aspects, and (ii) a needs assessment for capacity development, particularly on road asset management and road safety. The major outputs and activities are summarized in Table A3.1.

Table A3.1: Summary of Major Outputs and Activities

Major Activities	Expected Completion Date	Major Outputs	Expected Completion Date
Output 1			
1.1 Program Technical Assessment	December 2015	Program Assessment	December 2017
1.2 Program System Assessment	December 2015	Reports and Program	
1.3 Safeguard Systems Assessment	December 2015	Action Plan	
1.4 Training	December 2017		
Output 2			
2.1 Capacity Assessment on Road Asset Management	March 2016	Capacity Development Plan	September 2016
2.2 Capacity Assessment on Road Safety	March 2016		

Source: Asian Development Bank.

C. Cost Estimate and Proposed Financing Arrangement

3. The TA is estimated to cost \$500,000 equivalent, which will be financed on a grant basis by ADB's Technical Assistance Special Fund (TASF-other sources). The government will provide counterpart support in the form of counterpart staff, and provision of all relevant and available documents, data, statistics, information, and maps. The detailed cost estimate is presented in Table A3.2.

Table A3.2: Cost Estimates and Financing Plan
(\$'000)

Item	Total Cost
Asian Development Bank^a	
1. Consultants	
a. Remuneration and per diem	
i. International consultants (9 person-months)	216.0
ii. National consultants (30 person-months)	90.0
b. International and local travel	36.0
c. Reports and communications	3.0

2.	Workshops, training, seminars, and conferences ^b	50.0
3.	Vehicle ^c	10.0
4.	Surveys	40.0
5.	Miscellaneous administration and support costs	5.0
6.	Contingencies	50.0
	Total	500.0

^a Financed by the TASF-other sources.

^b Workshops, training, seminars, and conferences

Purpose	Venue
Result-based Lending	To be determined during the TA implementation.
Monitoring and Evaluation	To be determined during the TA implementation.

^c Vehicle

Justify the use of and the need to purchase or lease a vehicle	Expected length of use
To allow the consultants to rent a vehicle for surveys.	10 months

Source: Asian Development Bank.

D. Consulting Services

4. In total the PPTA will require 39 person-months of consulting services (9 international and 30 national). ADB will engage all individual consultants in accordance with its Guidelines on the Use of Consultants (2013, as amended from time to time). Disbursement under the TA will be carried out in accordance with ADB's Technical Assistance Disbursement Handbook (2010, as amended from time to time). Procurement of equipment will follow ADB's Procurement Guidelines (2013, as amended from time to time). The equipment will be handed over to the government upon TA completion. A summary of consulting services requirement is presented in Table A3.3.

Table A3.3: Summary of Consulting Services Requirement

Positions	Person-Months Required
International	
Road Asset Management Specialist	4
Road Safety Specialist	5
National	
Rural Road Specialist	12
Pavement Engineer	3
Social Safeguard Specialist	6
Environment Safeguard Specialist	6
Financial Management Specialist	3

Source: Asian Development Bank.

5. Since most PPTA activities are to undertake the assessment on specific areas of PMGSY, individual consultants with experience on PMGSY or similar programs will be engaged. The outline terms of reference for the project preparatory TA consultants are described in paras. 6 to.11.

6. **Road Asset Management Specialist** (4 international person-months). The road asset management specialist preferably has a bachelor degree of civil engineering, at least 15 years of relevant experience in road asset management. The main tasks under the TA include conducting the assessment of road asset management capacity at the central level and at the state level, preparing protocols for data collection and maintenance planning, developing a mechanism for performance monitoring, reviewing the performance of performance-based

maintenance contracts, and preparing a capacity development plan to be implemented under PMGSY.

7. **Road Safety Specialist** (5 international person-months). The road safety specialist preferably has a bachelor degree of civil engineering, at least 15 years of relevant experience in road safety. The main tasks under the TA include conducting the assessment of road safety audit capacity at the central level and at the state level, preparing protocols for address road safety under PMGSY, developing a mechanism for performance monitoring, and preparing a capacity development plan to be implemented under PMGSY.

8. **Rural Road Specialist** (12 international person-months). The rural road specialist preferably has a bachelor degree of civil engineering, at least 10 years of relevant experience in similar program to PMGSY. The main tasks under the TA include serving as coordinator for the international and national consultants, conducting the technical assessment of PMGSY on program soundness, expenditure and financing, and results and links with disbursements, conducting system assessment of PMGSY on the monitoring and evaluation system and the procurement system, organizing workshops and seminars for consultation and capacity development, and preparing a program action plan to be implemented under PMGSY.

9. **Transport Analyst** (3 national person-months). The transport analyst preferably has a bachelor degree of transport engineering, at least 5 years of relevant experience in transport sector. The main tasks under the TA include reviewing the impacts of past PMGSY programs, and assisting the rural road specialist in the technical assessment of PMGSY on program soundness and the technical assessment on monitoring and evaluation systems.

10. **Financial Management Specialist** (3 national person-months). The financial management specialist preferably is a chartered accountant (or holds an equivalent professional certificate), at least 10 years of relevant experience. The main tasks under the TA include conducting the system assessment of PMGSY on financial management, and preparing an action plan on financial management to be implemented under PMGSY.

11. **Social Safeguard Specialist and Environment Safeguard Specialist** (6 national person-months each). The social safeguard specialist preferably has a bachelor degree of social science, at least 10 years of relevant experience. The environment safeguard specialist preferably has a bachelor degree of environment science, at least 10 years of relevant experience. The Specialist will have working knowledge of national, state laws and ADB SPS. The main tasks under the TA include conducting the program safeguard system assessment of PMGSY, and preparing an action plan for filling gaps if any in order to comply with the ADB SPS principles.

E. Implementation Arrangements

12. The MORD will be the executing agency. The government will provide (i) all relevant and available documents, data, statistics, information, and maps; (ii) a TA coordinator from the NRRDA, to be assigned before the consultants are mobilized; and (iii) counterpart staff from the state governments, to be assigned before the consultants are mobilized; and (iv) logistical assistance for the workshops and seminars, including the venue, and identifying and inviting the participants. The proposed TA processing and implementation schedule is listed in Table A3.4.

Table A3.4: Technical Assistance Processing and Implementation Schedule

Major Milestones	Expected Completion Date
Reconnaissance Mission	October 2014
Commencement	January 2015
Physical Completion	June 2017
Financial Closure	December 2017

Source: Asian Development Bank.