
LOAN NUMBER 3437-IND

LOAN AGREEMENT
(Ordinary Operations)

(Madhya Pradesh District Roads II Sector Project)

between

INDIA

and

ASIAN DEVELOPMENT BANK

DATED 22 March 2017

IND 49377

**LOAN AGREEMENT
(Ordinary Operations)**

LOAN AGREEMENT dated 22 March 2017 between INDIA acting by its President ("Borrower") and ASIAN DEVELOPMENT BANK ("ADB").

WHEREAS

(A) the Borrower has applied to ADB for a loan for the purposes of the Project described in Schedule 1 to this Loan Agreement;

(B) the Project will be carried out by MPRDC (as defined below), and for this purpose the Borrower will make available to MPRDC the proceeds of the Loan provided for herein upon terms and conditions mutually satisfactory to ADB and the Borrower; and

(C) ADB has agreed to make a loan to the Borrower from ADB's ordinary capital resources upon the terms and conditions set forth herein and in the Project Agreement of even date herewith between ADB on the one part, and the State and MPRDC on the other part.

NOW THEREFORE the parties hereto agree as follows:

ARTICLE I

Loan Regulations; Definitions

Section 1.01. All the provisions of the Ordinary Operations Loan Regulations Applicable to LIBOR-Based Loans Made from ADB's Ordinary Capital Resources, dated 1 July 2001 ("Loan Regulations"), are hereby made applicable to this Loan Agreement with the same force and effect as if they were fully set forth herein, subject, however, to the following modifications:

(a) Section 3.03 is deleted and the following is substituted therefor:

Commitment Charge; Credit; Maturity Premium.

(a) The Borrower shall pay a commitment charge on the unwithdrawn amount of the Loan at the rate and on the terms specified in the Loan Agreement.

(b) ADB shall provide to the Borrower a credit at the rate specified in the Loan Agreement, which credit shall remain fixed for the term of the Loan. ADB shall apply the credit against the interest payable by the Borrower.

(c) The Borrower shall pay a maturity premium at the rate specified in the Loan Agreement, which maturity premium shall remain fixed for the term of the Loan. ADB shall

add the maturity premium to the interest payable by the Borrower.

- (b) Section 3.06 is deleted and the following is substituted therefor:

Rebate. (a) Following any announcement by ADB that the Fixed Spread applicable to new Loans shall be reduced, ADB shall provide a Rebate to any Borrower with an outstanding Loan on which a higher Fixed Spread is applicable. The amount of the Rebate shall be determined by multiplying (i) the difference between the Fixed Spread applicable to the outstanding Loan and the Fixed Spread that will be applied to new Loans (expressed as a percentage per annum), by (ii) the principal amount of the outstanding Loan on which the Borrower shall pay interest for all interest periods commencing on and after the effective date of the lower Fixed Spread that will be applied to new Loans.

(b) Following any announcement by ADB that its Funding Cost Margin calculations with respect to any Loan Currency (or Approved Currency) in any Semester resulted in ADB achieving savings, ADB shall provide a Rebate to the Borrower. The amount of the Rebate shall be determined by multiplying (i) the Funding Cost Margin (expressed as a percentage per annum) by (ii) the principal amount of the Loan on which the Borrower shall pay interest for the Interest Period commencing immediately after the Semester for which the Funding Cost Margin was calculated. ADB shall apply the amount of the Rebate against the interest payable by the Borrower for the Interest Period commencing immediately after the Semester for which the Funding Cost Margin was calculated.

- (c) Section 3.07 is deleted and the following is substituted therefor:

Surcharge. (a) Following any announcement by ADB that the Fixed Spread applicable to new Loans shall be increased, any Borrower with an outstanding Loan on which a lower Fixed Spread is applicable shall pay ADB a Surcharge. The amount of the Surcharge shall be determined by multiplying (i) the difference between the Fixed Spread that will be applied to new Loans and the Fixed Spread applicable to the outstanding Loan (expressed as a percentage per annum), by (ii) the principal amount of the outstanding Loan on which the Borrower shall pay interest for all interest periods commencing on and after the effective date of the higher Fixed Spread that will be applied to new Loans.

(b) Following any announcement by ADB that its Funding Cost Margin calculations with respect to any Loan Currency (or Approved Currency) in any Semester resulted in ADB incurring additional costs, the Borrower shall pay ADB a Surcharge. The amount of the Surcharge shall be determined by multiplying (i) the Funding Cost Margin (expressed as a percentage per annum) by (ii) the principal amount of the Loan on which the Borrower shall pay interest for the Interest Period commencing immediately after the Semester for which the Funding Cost Margin was calculated. ADB shall add the amount of the Surcharge to the interest payable by the Borrower for the Interest Period commencing immediately after the Semester for which the Funding Cost Margin was calculated.

Section 1.02. Wherever used in this Loan Agreement, the several terms defined in the Loan Regulations have the respective meanings therein set forth unless modified herein or the context otherwise requires. Additional terms used in this Loan Agreement have the following meanings:

(a) "Consulting Guidelines" means the Guidelines on the Use of Consultants by Asian Development Bank and its Borrowers (2013, as amended from time to time);

(b) "Consulting Services" means the services to be financed out of the proceeds of the Loan as described in paragraph 3 of Schedule 1 to this Loan Agreement;

(c) "EA" or "Project Executing Agency" means the State acting through MPRDC or any of its successors thereto acceptable to ADB, that is responsible for carrying out the Project;

(d) "EARF" means the environmental assessment and review framework for the Project, including any update thereto, prepared and submitted by the Borrower through MPRDC and cleared by ADB;

(e) "EMP" means each environment management plan for a Subproject, including any update thereto, incorporated in the related IEE;

(f) "Environmental Safeguards" means the principles and requirements set forth in Chapter V, Appendix 1, and Appendix 4 (as applicable) of the SPS;

(g) "Financing Arrangements" means the arrangements between the Borrower and the State as per current policy of the Borrower, and acceptable to ADB;

(h) "Goods" means equipment and materials to be financed out of the proceeds of the Loan, including related services such as transportation, insurance, installation, commissioning, training, and initial maintenance, but excluding Consulting Services;

(i) "IEE" means each initial environmental examination for a Subproject, including any update thereto, prepared and submitted by the Borrower through MPRDC pursuant to the requirements set forth in the EARF and cleared by ADB;

(j) "Indigenous Peoples Safeguards" means the principles and requirements set forth in Chapter V, Appendix 3, and Appendix 4 (as applicable) of the SPS;

(k) "Involuntary Resettlement Safeguards" means the principles and requirements set forth in Chapter V, Appendix 2, and Appendix 4 (as applicable) of the SPS;

(l) "IPP" means each indigenous peoples plan for a Subproject, including any update thereto, prepared and submitted by the Borrower through MPRDC pursuant to the requirements set forth in the IPPF and cleared by ADB;

(m) "IPPF" means the indigenous peoples planning framework for the Project, including any update thereto, prepared and submitted by the Borrower through MPRDC and cleared by ADB;

(n) "Loan Disbursement Handbook" means ADB's Loan Disbursement Handbook (2015, as amended from time to time);

(o) "MPRDC" means the Madhya Pradesh Road Development Corporation;

(p) "PAM" means the project administration manual for the Project dated 11 August 2016 and agreed between the Borrower, State, MPRDC, and ADB, as updated from time to time in accordance with the respective administrative procedures of the Borrower and ADB;

(q) "Procurement Guidelines" means ADB's Procurement Guidelines (2015, as amended from time to time);

(r) "Procurement Plan" means the procurement plan for the Project dated 11 August 2016 and agreed between the Borrower and ADB, as updated from time to time in accordance with the Procurement Guidelines, the Consulting Guidelines, and other arrangements agreed with ADB; and

(s) "RF" means the resettlement framework for the Project, including any update thereto, prepared and submitted by the Borrower through MPRDC and cleared by ADB;

(t) "RP" means each resettlement plan a Subproject, including any update thereto, prepared and submitted by the Borrower through MPRDC pursuant to the requirements set forth in the RF and cleared by ADB;

(u) "Safeguards Monitoring Report" means each report prepared and submitted by the Borrower through MPRDC to ADB that describes progress with implementation of, and compliance with, the EMP, the RP, and the IPP (as applicable), including any corrective and preventive actions;

(v) "SPS" means ADB's Safeguard Policy Statement (2009);

(w) "State" means the State of Madhya Pradesh;

(x) "Subproject" means a subproject that is found eligible for financing under the Project in compliance with the 'Selection Criteria and Approval Procedure for Subprojects' attached as Attachment 5 to the PAM; and

(y) "Works" means construction or civil works to be financed out of the proceeds of the Loan, including services such as drilling or mapping, and project related services that are provided as part of a single responsibility or turnkey contract, but excluding Consulting Services.

ARTICLE II

The Loan

Section 2.01. (a) ADB agrees to lend to the Borrower from ADB's ordinary capital resources an amount of three hundred and fifty million Dollars (\$350,000,000), as such amount may be converted from time to time through a Currency Conversion in accordance with the provisions of Section 2.06 of this Loan Agreement.

(b) The Loan has a principal repayment period of 20 years, and a grace period as defined in subsection (c) hereinafter.

(c) The term "grace period" as used in subsection (b) hereinabove means the period prior to the first Principal Payment Date in accordance with the amortization schedule set forth in Schedule 2 to this Loan Agreement.

Section 2.02. The Borrower shall pay to ADB interest on the principal amount of the Loan withdrawn and outstanding from time to time at a rate for each Interest Period equal to the sum of:

- (a) LIBOR;
- (b) 0.60% as provided by Section 3.02 of the Loan Regulations less a credit of 0.10% as provided by Section 3.03 of the Loan Regulations; and
- (c) a maturity premium of 0.10% as provided by Section 3.03 of the Loan Regulations.

Section 2.03. The Borrower shall pay a commitment charge of 0.15% per annum. Such charge shall accrue on the full amount of the Loan (less amounts withdrawn from time to time), commencing 60 days after the date of this Loan Agreement.

Section 2.04. Interest and other charges on the Loan shall be payable semiannually on 15 March and 15 September in each year.

Section 2.05. The Borrower shall repay the principal amount of the Loan withdrawn from the Loan Account in accordance with the provisions of Schedule 2 to this Loan Agreement.

Section 2.06. (a) The Borrower may at any time request any of the following Conversions of the terms of the Loan in order to facilitate prudent debt management:

- (i) a change of the Loan Currency of all or any portion of the principal amount of the Loan, whether withdrawn and outstanding or unwithdrawn, to an Approved Currency;
- (ii) a change of the interest rate basis applicable to all or any portion of the principal amount of the Loan withdrawn and outstanding from a Floating Rate to a Fixed Rate, or vice versa; and
- (iii) the setting of limits on the Floating Rate applicable to all or any portion of the principal amount of the Loan withdrawn and outstanding by the establishment of an Interest Rate Cap or Interest Rate Collar on said Floating Rate.

(b) Any conversion requested pursuant to subsection (a) hereinabove that is accepted by ADB shall be considered a "Conversion", as defined in Section 2.01(6) of the Loan Regulations, and shall be effected in accordance with the provisions of Article V of the Loan Regulations and the Conversion Guidelines.

ARTICLE III

Use of Proceeds of the Loan

Section 3.01. The Borrower shall make the proceeds of the Loan available to MPRDC upon terms and conditions mutually agreeable to ADB and the Borrower, and shall cause MPRDC to apply such proceeds to the financing of expenditures on the Project in accordance with the provisions of this Loan Agreement and the Project Agreement.

Section 3.02. The proceeds of the Loan shall be allocated and withdrawn in accordance with the provisions of Schedule 3 to this Loan Agreement, as such Schedule may be amended from time to time by agreement between the Borrower and ADB.

Section 3.03. Except as ADB may otherwise agree, the Borrower shall procure, or cause MPRDC to procure, the items of expenditure to be financed out of the proceeds of the Loan in accordance with the provisions of Schedule 4 to this Loan Agreement. ADB may refuse to finance a contract where any such item has not been procured under procedures substantially in accordance with those agreed between the

Borrower and ADB or where the terms and conditions of the contract are not satisfactory to ADB.

Section 3.04. Except as ADB may otherwise agree, the Borrower shall cause MPRDC to ensure that all items of expenditure financed out of the proceeds of the Loan are used exclusively in the carrying out of the Project.

Section 3.05. The Loan Closing Date for the purposes of Section 9.02 of the Loan Regulations shall be 31 March 2021 or such other date as may from time to time be agreed between the Borrower and ADB.

ARTICLE IV

Particular Covenants

Section 4.01. (a) The Borrower shall cause the Project to be carried out by MPRDC with due diligence and efficiency and in conformity with sound applicable technical, financial, business, and development practices.

(b) In the carrying out of the Project and operation of the Project facilities, the Borrower shall perform, or cause to be performed by MPRDC, all obligations set forth in Schedule 5 to this Loan Agreement.

Section 4.02. The Borrower shall make available, or cause to be made available by MPRDC, promptly as needed, the funds, facilities, services, land and other resources, as required, in addition to the proceeds of the Loan, for the carrying out of the Project.

Section 4.03. The Borrower shall ensure that the activities of its departments and agencies with respect to the carrying out of the Project and operation of the Project facilities are conducted and coordinated in accordance with sound administrative policies and procedures.

Section 4.04. The Borrower shall enable ADB's representatives to inspect the Project, the Goods and Works, and any relevant records and documents.

Section 4.05. In so far as it relates to the Project, the Borrower shall take all actions which shall be necessary on its part to enable MPRDC to perform its obligations under the Project Agreement, and shall not take or permit any action which would interfere with the performance of such obligations.

Section 4.06. ADB shall disclose the annual audited financial statements for the Project and the opinion of the auditors on the financial statements within 30 days of the date of their receipt by posting them on ADB's website.

Section 4.07. (a) In so far as it relates to the Project, the Borrower shall exercise its rights under the Financing Arrangements in such a manner as to protect the interests of the Borrower and ADB and to accomplish the purposes of the Loan.

(b) In so far as it relates to the Project, no rights or obligations under the Financing Arrangements shall be assigned, amended, abrogated or waived without prior notice to ADB.

ARTICLE V

Effectiveness

Section 5.01. A date 90 days after the date of this Loan Agreement is specified for the effectiveness of this Loan Agreement for the purposes of Section 10.04 of the Loan Regulations.

ARTICLE VI

Miscellaneous

Section 6.01. The Secretary, Additional Secretary, Joint Secretary, Director, or Deputy Secretary, in the Department of Economic Affairs of the Ministry of Finance of the Borrower is designated as representative of the Borrower for the purposes of Section 12.02 of the Loan Regulations.

Section 6.02. The following addresses are specified for the purposes of Section 12.01 of the Loan Regulations:

For the Borrower

The Secretary to the Government of India
Department of Economic Affairs
Ministry of Finance
North Block
New Delhi – 110001
India

Facsimile Number:

(91-11) 2309-2511

For ADB

Asian Development Bank
6 ADB Avenue
Mandaluyong City
1550 Metro Manila
Philippines


Facsimile Numbers:

(632) 636-2444
(632) 636-2340.

IN WITNESS WHEREOF the parties hereto, acting through their representatives thereunto duly authorized, have caused this Loan Agreement to be signed in their respective names as of the day and year first above written and to be delivered at the principal office of ADB.

INDIA

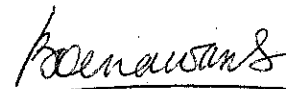
By

 22/04/2017

RAJ KUMAR
Joint Secretary (MI)
Department of Economic Affairs

ASIAN DEVELOPMENT BANK

By



L.B. SONDJAJA
Officer-In-Charge
India Resident Mission

SCHEDULE 1**Description of the Project**

1. The objective of the Project is improved road transport efficiency and safety in the State.
2. The Project shall comprise:
 - A. Reconstruction and rehabilitation of about 1500 km of major district roads, designed to all-weather standards and road safety, with concrete pavements;
 - B. Development and introduction of cashless accident victim treatment facility; and
 - C. Improvement of accident response system.
3. Activities included under paragraph 2 of this Schedule shall be assisted through the provision of Consulting Services as applicable.
4. The Project is expected to be completed by 30 September 2020.

SCHEDULE 2**Amortization Schedule****(Madhya Pradesh District Roads II Sector Project)**

1. The following table sets forth the Principal Payment Dates of the Loan and the percentage of the total principal amount of the Loan payable on each Principal Payment Date (Installment Share). If the proceeds of the Loan shall have been fully withdrawn as of the first Principal Payment Date, the principal amount of the Loan repayable by the Borrower on each Principal Payment Date shall be determined by ADB by multiplying: (a) the total principal amount of the Loan withdrawn and outstanding as of the first Principal Payment Date; by (b) the Installment Share for each Principal Payment Date, such repayment amount to be adjusted, as necessary, to deduct any amounts referred to in paragraph 4 of this Schedule, to which a Currency Conversion applies.

<u>Payment Due</u>	<u>Installment Share</u> [(Expressed as a %)]
15 March 2022	2.500000
15 September 2022	2.500000
15 March 2023	2.500000
15 September 2023	2.500000
15 March 2024	2.500000
15 September 2024	2.500000
15 March 2025	2.500000
15 September 2025	2.500000
15 March 2026	2.500000
15 September 2026	2.500000
15 March 2027	2.500000
15 September 2027	2.500000
15 March 2028	2.500000
15 September 2028	2.500000
15 March 2029	2.500000
15 September 2029	2.500000
15 March 2030	2.500000
15 September 2030	2.500000
15 March 2031	2.500000
15 September 2031	2.500000
15 March 2032	2.500000
15 September 2032	2.500000
15 March 2033	2.500000
15 September 2033	2.500000
15 March 2034	2.500000
15 September 2034	2.500000

<u>Payment Due</u>	<u>Installment Share</u> [(Expressed as a %)]
15 March 2035	2.500000
15 September 2035	2.500000
15 March 2036	2.500000
15 September 2036	2.500000
15 March 2037	2.500000
15 September 2037	2.500000
15 March 2038	2.500000
15 September 2038	2.500000
15 March 2039	2.500000
15 September 2039	2.500000
15 March 2040	2.500000
15 September 2040	2.500000
15 March 2041	2.500000
15 September 2041	2.500000
TOTAL	100.000000

2. If the proceeds of the Loan shall not have been fully withdrawn as of the first Principal Payment Date, the principal amount of the Loan repayable by the Borrower on each Principal Payment Date shall be determined as follows:

(a) To the extent that any proceeds of the Loan shall have been withdrawn as of the first Principal Payment Date, the Borrower shall repay the amount withdrawn and outstanding as of such date in accordance with paragraph 1 of this Schedule.

(b) Any withdrawal made after the first Principal Payment Date shall be repaid on each Principal Payment Date falling after the date of such withdrawal in amounts determined by ADB by multiplying the amount of each such withdrawal by a fraction, the numerator of which shall be the original Installment Share specified in the table in paragraph 1 of this Schedule for said Principal Payment Date (the Original Installment Share) and the denominator of which shall be the sum of all remaining Original Installment Shares for Principal Payment Dates falling on or after such date, such repayment amounts to be adjusted, as necessary, to deduct any amounts referred to in paragraph 4 of this Schedule, to which a Currency Conversion applies.

3. Withdrawals made within two calendar months prior to any Principal Payment Date shall, for the purposes solely of calculating the principal amounts payable on any Principal Payment Date, be treated as withdrawn and outstanding on the second Principal Payment Date following the date of withdrawal and shall be repayable on each Principal Payment Date commencing with the second Principal Payment Date following the date of withdrawal.

4. Notwithstanding the provisions of paragraphs 1 and 2 of this Schedule, upon a Currency Conversion of all or any portion of the withdrawn principal amount of the Loan to an Approved Currency, the amount so converted in said Approved Currency that shall be repayable on any Principal Payment Date occurring during the Conversion Period, shall be determined by ADB by multiplying such amount in its currency of denomination immediately prior to said Conversion by either: (i) the exchange rate that reflects the amounts of principal in said Approved Currency payable by ADB under the Currency Hedge Transaction relating

to said Conversion; or (ii) if ADB so determines in accordance with the Conversion Guidelines, the exchange rate component of the Screen Rate.

5. If the principal amount of the Loan withdrawn and outstanding from time to time shall be denominated in more than one Loan Currency, the provisions of this Schedule shall apply separately to the amount denominated in each Loan Currency, so as to produce a separate amortization schedule for each such amount.

SCHEDULE 3**Allocation and Withdrawal of Loan Proceeds**General

1. The table attached to this Schedule sets forth the Categories of items of expenditure to be financed out of the proceeds of the Loan and the allocation of the Loan proceeds to each such Category ("Table"). (Reference to "Category" in this Schedule is to a Category or Subcategory of the Table).

Basis for Withdrawal from the Loan Account

2. Except as ADB may otherwise agree, the proceeds of the Loan shall be disbursed on the basis of the withdrawal percentage for each item of expenditure set forth in the Table.

Reallocation

3. Notwithstanding the allocation of Loan proceeds and the withdrawal percentages set forth in the Table,

- (a) if the amount of the Loan allocated to any Category appears to be insufficient to finance all agreed expenditures in that Category, ADB may, in consultation with and by notice to the Borrower, (i) reallocate to such Category, to the extent required to meet the estimated shortfall, amounts of the Loan which have been allocated to another Category but, in the opinion of ADB, are not needed to meet other expenditures, and (ii) if such reallocation cannot fully meet the estimated shortfall, reduce the withdrawal percentage applicable to such expenditures in order that further withdrawals under such Category may continue until all expenditures thereunder shall have been made; and
- (b) if the amount of the Loan allocated to any Category appears to exceed all agreed expenditures in that Category, ADB may, in consultation with and by notice to the Borrower, reallocate such excess amount to any other Category.

Disbursement Procedures

4. Except as ADB may otherwise agree, the Loan proceeds shall be disbursed in accordance with the Loan Disbursement Handbook.

Retroactive Financing

5. Withdrawals from the Loan Account may be made to finance eligible expenditures incurred under the Project before the Effective Date, but not earlier than 12 months before the date of this Loan Agreement in connection with Works, equipment, and Consulting Services, subject to a maximum amount equivalent to 20% of the Loan amount.

TABLE

ALLOCATION AND WITHDRAWAL OF LOAN PROCEEDS (Madhya Pradesh District Roads II Sector Project)			
Number	Item	Total Amount Allocated for ADB Financing (\$) Category	Basis for Withdrawal from the Loan Account
1	Works	294,330,000	73 % of total expenditure claimed
2	Accident Response System	10,000,000	100% of total expenditure claimed
3	Consulting Services	14,000,000	100% of total expenditure claimed
4	Unallocated	31,670,000	
	Total	350,000,000	

SCHEDULE 4

Procurement of Goods, Works and Consulting Services

General

1. The procurement of Goods, Works and Consulting Services shall be subject to and governed by the Procurement Guidelines, and the Consulting Guidelines, respectively.
2. Except as ADB may otherwise agree, Goods and Works shall be procured and Consulting Services shall be selected and engaged only on the basis of the procurement methods and the selection methods set forth below. These methods are subject to, among other things, the detailed arrangements and threshold values set forth in the Procurement Plan. The Borrower may only modify the procurement methods and the selection methods or threshold values with the prior agreement of ADB, and modifications must be set out in updates to the Procurement Plan.
3. All terms used in this Schedule and not otherwise defined in this Loan Agreement have the meanings provided in the Procurement Guidelines and/or the Consulting Guidelines, as applicable.

Goods and Works

4. Except as ADB may otherwise agree, Goods and Works shall be procured on the basis of International Competitive Bidding.

Conditions for award of contracts; commencement of Works

5. The Borrower shall ensure, or cause the MPRDC to ensure, that no Works contract is awarded for a Subproject which involves
 - (a) environmental impacts until MPRDC has prepared and submitted to ADB an IEE including EMP for such Subproject, obtained ADB's clearance of such EMP, and incorporated the relevant provisions from the EMP into the Works contract;
 - (b) involuntary resettlement impacts until MPRDC has prepared and submitted to ADB the final RP for such Subproject based on the Subproject's detailed design, and obtained ADB's clearance of such RP; and
 - (c) impacts on indigenous peoples until MPRDC has prepared and submitted to ADB the final IPP and obtained ADB's clearance of such IPP.
6. The Borrower shall ensure, or cause the MPRDC to ensure, that no commencement of Works is allowed under any Works contract under any Subproject which involves environmental impacts and requires environmental clearances, until MPRDC has obtained the final approval of the IEE from ADB, and environmental clearance including approval of the environmental assessment report, from the State Environmental Impact Assessment Authority.

Consulting Services

7. Except as ADB may otherwise agree, the Borrower shall apply Quality- and Cost-Based Selection for Consulting Services.

Industrial or Intellectual Property Rights

8. (a) The Borrower shall cause MPRDC to ensure that all Goods and Works procured (including without limitation all computer hardware, software and systems, whether separately procured or incorporated within other goods and services procured) do not violate or infringe any industrial property or intellectual property right or claim of any third party.

(b) The Borrower shall cause MPRDC to ensure that all contracts for the procurement of Goods and Works contain appropriate representations, warranties and, if appropriate, indemnities from the contractor or supplier with respect to the matters referred to in subparagraph (a) of this paragraph.

9. The Borrower shall cause MPRDC to ensure that all ADB-financed contracts with consultants contain appropriate representations, warranties and, if appropriate, indemnities from the consultants to ensure that the Consulting Services provided do not violate or infringe any industrial property or intellectual property right or claim of any third party.

ADB's Review of Procurement Decisions

10. Contracts procured under international competitive bidding procedures and contracts for Consulting Services shall be subject to prior review by ADB, unless otherwise agreed between the Borrower, MPRDC and ADB and set forth in the Procurement Plan.

SCHEDULE 5**Execution of Project**Implementation Arrangements

1. (a) The Borrower, the State and MPRDC shall ensure that the Project is implemented in accordance with the detailed arrangements set forth in the PAM. Any change to the PAM shall be subject to prior agreement between the Borrower, MPRDC, and ADB, and in the event of any discrepancy between the PAM and Loan Agreement the provisions of the Loan Agreement shall prevail.

(b) The State and MPRDC shall ensure a smooth implementation of the Project, grievances if any from stakeholders, relating to Project implementation or use of funds, are addressed effectively and efficiently.

Counterpart Funds

2. The State shall make available the Loan proceeds to MPRDC under appropriate arrangements acceptable to ADB, and ensure:

- (a) sufficient counterpart funds from its budget for each fiscal year, in a timely manner, for the efficient implementation of the Project; and
- (b) adequate funds towards operations and maintenance of Project facilities, through budgetary allocations or other means, to be provided to MPRDC, during and after the Project completion.

Safeguards and SocialEnvironment

3. The Borrower shall ensure, or cause the MPRDC to ensure, that the preparation, design, construction, implementation, operation and decommissioning of each of the Subprojects complies with (i) all applicable laws and regulations of the Borrower and the State relating to environment, health, and safety; (ii) the Environmental Safeguards; and (iii) all measures and requirements set forth in the EARF, respective IEE and the EMP, and any corrective or preventative actions set forth in a Safeguards Monitoring Report.

Land Acquisition and Involuntary Resettlement

4. (a) The Borrower shall ensure, or cause the EA to ensure, that all land and all rights-of-way required for the Project, and all Subprojects are made available to the Works contractor in accordance with the schedule agreed under the related Works contract and all land acquisition and resettlement activities are implemented in compliance with (i) all applicable laws and regulations of the Borrower and the State relating to land acquisition and involuntary resettlement; (ii) the Involuntary Resettlement Safeguards; and (c) all measures and requirements set forth in the RF, respective RP, and any corrective or preventative actions set forth in a Safeguards Monitoring Report.

(b) Without limiting the application of the Involuntary Resettlement Safeguards, or the RP, the Borrower shall ensure or cause MPRDC to ensure that no physical or economic displacement takes place in connection with the Project until:

- (i) compensation and other entitlements have been provided to affected people in accordance with the RP; and
- (ii) a comprehensive income and livelihood restoration program has been established in accordance with the RP, if required.

Indigenous Peoples

5. The Borrower shall ensure, or cause MPRDC to ensure, that the preparation, design, construction, implementation and operation of the Project, and all Subprojects comply with (a) all applicable laws and regulations of the Borrower and the State relating to indigenous peoples; (b) the Indigenous Peoples Safeguards; and (c) all measures and requirements set forth in the IPPF, respective IPP, and any corrective or preventative actions set forth in a Safeguards Monitoring Report.

Human and Financial Resources to Implement Safeguards Requirements

6. (a) The Borrower shall make available, or cause MPRDC to make available, all necessary budgetary and human resources to fully implement the EARF, EMPs, the RF, the RPs, the IPPF and the IPPs as required.

(b) MPRDC shall designate at least one expert each to supervise implementation of the EMPs, and RPs if any.

Safeguards – Related Provisions in Bidding Documents and Works Contracts

7. The Borrower shall ensure or cause MPRDC to ensure that all bidding documents and contracts for Works contain provisions that require contractors to:

- (a) comply with the measures and requirements relevant to the contractor set forth in the IEEs, the EMPs, and the RPs and the IPPs as applicable (to the extent they concern impacts on affected people during construction), and any corrective or preventative actions set out in a Safeguards Monitoring Report;
- (b) make available a budget for all such environmental and social measures;
- (c) provide MPRDC with a written notice of any unanticipated environmental, resettlement or indigenous peoples risks if any, or impacts that arise during construction, implementation or operation of the project that were not considered in the relevant IEE, EMP, RP or IPP if any;
- (d) adequately record the condition of roads, agricultural land and other

infrastructure prior to starting to transport materials and construction;
and

- (e) fully reinstate pathways, other local infrastructure, and agricultural land to at least their pre-project condition upon the completion of construction.

Safeguards Monitoring and Reporting

8. The Borrower shall do, or cause MPRDC to do, the following:

- (a) submit Safeguards Monitoring Reports semiannually for Involuntary Resettlement Safeguards and Indigenous Peoples Safeguards, and annually for Environmental Safeguards to ADB, and disclose relevant information from such reports to affected persons promptly upon submission;
- (b) if any unanticipated environmental and/or social risks and impacts arise during construction, implementation or operation of the Project that were not considered in the relevant IEE, EMP, RP or IPP as applicable, promptly inform ADB of the occurrence of such risks or impacts, with detailed description of the event and proposed corrective action plan; and
- (c) report any breach of compliance with the measures and requirements set forth in the EARF, IEEs, EMPs, the RF, RPs, and the IPPF, IPPs (if any), promptly after becoming aware of the breach.

Prohibited List of Investments

9. The Borrower shall ensure, or cause MPRDC to ensure, that no proceeds of the Loan are used to finance any activity included in the list of prohibited investment activities provided in Appendix 5 of ADB's SPS.

Labor Standards

10. The Borrower, State and MPRDC shall ensure that Works contracts under the Project follow all applicable labor laws of the Borrower and the State and that these further include provisions to the effect that contractors; (i) carry out HIV/AIDS awareness programs for labor and disseminate information at worksites on risks of sexually transmitted diseases and HIV/AIDS as part of health and safety measures for those employed during construction; and (ii) follow and implement all statutory provisions on labor (including not employing or using children as labor, equal pay for equal work), health, safety, welfare, sanitation, and working conditions. Such contracts shall also include clauses for termination in case of any breach of the stated provisions by the contractors.

Gender

11. The Borrower, the State and MPRDC shall ensure that the principles of gender equality aimed at increasing Project benefits and impact on women in the Project

area are followed during implementation of the Project, including (a) equal pay to men and women for work of equal value; (b) enabling working conditions for women workers; and (c) taking necessary actions to encourage women living in the Project area to participate in the design and implementation of Project Activities. A social and gender focal person will be appointed at the MPRDC and at project implementation unit level.

Communications and Participation

12. The EA shall ensure that the Project is undertaken in conformity with the Communication Strategy as agreed between ADB, the Borrower, the State and MPRDC and referred in the PAM.

Governance and Anticorruption

13. The Borrower, State and MPRDC shall comply with ADB's Anticorruption Policy (1998, as amended to date) and (i) shall ensure that the anticorruption provisions acceptable to ADB, the Borrower, State and MPRDC are included in all bidding documents and contracts financed by ADB in connection with the Project, including provisions specifying the right of ADB to review and examine the records and accounts of the State and MPRDC and all contractors, suppliers, consultants, and other service providers as they relate to the Subprojects and the Project, and as included in the PAM, (ii) shall allow and assist ADB's representatives to carry out random spot checks on the work in progress and utilization of funds for the project; (iii) acknowledge that ADB reserves the right to investigate directly or through its agents any alleged corrupt, fraudulent, collusive or coercive practice relating to the project; and (iv) cooperate with any such investigation and extend all necessary assistance for satisfactory completion of such investigation, and as included in the PAM.

Procurement

14. The EA shall announce the Project and business opportunities associated with the Project on MPRDC's website. The website shall disclose the following information in relation to goods and services procured for the Project and Subprojects: (i) the list of participating bidders, (ii) the name of the winning bidder, (iii) the amount of the contracts awarded, and (iv) the goods and services procured. In accordance with the Procurement Guidelines, the published information for international competitive bidding contracts shall also include the bid prices as read out at bid opening, the reasons for rejection of unsuccessful bidders, and the duration of the awarded contract.

Facilities Maintenance

15. The State shall provide timely and adequate funds to MPRDC for maintenance of the roads rehabilitated under the Project, during implementation, as also after completion of Project.