



Environmental Monitoring Report

Project Number: 49377-001
Quarterly Report: July 2022 – October 2022
February 2023

India: Madhya Pradesh District Roads II Sector Project

Prepared by Madhya Pradesh Road Development Corporation Ltd. for the Asian Development Bank

This environmental monitoring report is a document of the borrower. The views expressed herein do not necessarily represent those of ADB's Board of Directors, Management, or staff, and may be preliminary in nature.

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Asian Development Bank



CIN : U45203MP2004SGC016758

M.P. Road Development Corporation Ltd.

(M.P. State Highway Authority)

(Govt. of M.P. Undertaking)

45-A, Arera Hills, Bhopal-462011

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Letter no.....¹⁷⁴¹⁷/MPDRIISP /Envir/MPRDC

Bhopal/dated ²⁴/01/2023

To,

Mr. Takeo Konishi
Country Director,
Asian Development Bank
Indian Resident Mission
4, Sen Martin Marg
Chankyapuri, New Delhi-110021
India

SFG Log: 5325

Sub:- Submission of Last Annual Environmental Monitoring Report for the period of July 2022 to October 2022 - under Loan No 3437-IND: - Madhya Pradesh District Roads II Sector Project(MPDRIISP).

Dear Sir,

Please find enclosed herewith the "Last Annual Environmental Monitoring Report for the period of July 2022 to October 2022" for MPDRIISP Project under Loan No 3437-IND as per agreement of ADB, for further necessary action.

Thanking You,

Encl:-As above

Sincerely your's

(Suneel Verma)

Project Director &
Chief Engineer (ADB)
MPRDC, Bhopal

Endt. no...../MPDRIISP /Envir/MPRDC

Bhopal/dated /01/2023

Copy to :-Environmental Safeguard Expert, MPRDC Bhopal for information.

Chief Engineer (ADB)



MADHYA PRADESH ROAD DEVELOPMENT CORPORATION

Madhya Pradesh District Roads II Sector Project

(MPDRIISP)

Under ADB Loan No – 3437- IND

ANNUAL ENVIRONMENTAL MONITORING REPORT

(July 2022 – October 2022)

ABBREVIATIONS

ADB	=	Asian Development Bank
AIDS	=	Acquired Immune Deficiency Syndrome
BOD	=	Biochemical Oxygen Demand
BDL	=	Below Detection Limit.
COD	=	Chemical Oxygen Demand
DG	=	Diesel Generator
EIA	=	Environmental Impact Assessment
EMMP	=	Environmental Management & Monitoring Plan
EMP	=	Environmental Management Plan
FIDIC	=	Federation International D'Ingineure Counsel
GRC	=	Grievance Redress Committee
HIV	=	Human Immunodeficiency Virus
HMP	=	Hot Mix Plant
IEE	=	Initial Environmental Examination
IPP	=	Indigenous People Planning
IRC	=	Indian Road Congress
Km	=	Kilometer
Ltd.	=	Limited
MOEF	=	Ministry of Environment and Forests
MPRDC	=	Madhya Pradesh Road Development Corporation
NABL	=	National Accreditation Board for Laboratories
NO ₂	=	Nitrogen Dioxide
NOC	=	No Objection Certificate
pH	=	Negative log of H ⁺ activity
Pkg	=	Package
PPE	=	Personal Protective Equipment
Pvt.	=	Private
RSPM	=	Respirable Suspended Particulate Matter
RP	=	Resettlement Plan
SC	=	Supervision Consultant
SH	=	State Highway
SO ₂	=	Sulfur dioxide
SPCB	=	State Pollution Control Board
SPM	=	Suspended Particulate Matter
TDS	=	Total Dissolved Solids
TSS	=	Total Suspended Solids
WMM	=	Wet Mix Macadam

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ENVIRONMENT MONITORING REPORT

I. Introduction and Project Progress during the reporting period

1. Asian Development Bank (ADB) has approved a project loan of US\$ 350 Million for the reconstruction and rehabilitation of about 1400 -1500 Km of major district roads. The Project was approved in principally by ADB on 2016. The Project loan agreement was approved by ADB on 22 March, 2017 and declared effective. The total project cost estimated as US\$ 500 Million, the remaining part of the project cost US\$ 150 Million was funded by M.P. State Government. The project is divided into three Supervision and Quality control consulting packages, comprising of 26 civil work contracts i.e. package-1 Bhopal, Package-2 Jabalpur and Package-3 Rewa. Package-1 civil work construction supervision is awarded to URS Scott Wilson India Private Limited in association with AICONS Engineering Pvt. Ltd., Bhopal, India, Package-2 Projects is awarded to M/s MSV International Inc., USA with Sub consultant Highway Engineering Consultants, India and Package-3 is awarded to M/s Intercontinental Consultants and Technocrats Pvt. Ltd., India in joint venture with Rodic Consultants Pvt. Ltd., India.
2. These projects will improve transport efficiency of the State road network which will contribute to expansion of economic opportunities and poverty reduction. All above packages awarded under the project titled Madhya Pradesh District Roads II Sector Project (MPDRIISP) and Madhya Pradesh Road Development Corporation (MPRDC) is the executing agency for the projects. The total project length is 1498.23 Km. The construction work was in progress only in Package-2 Jabalpur during reporting period.
3. Package – 1 (Bhopal) consists 5 civil work contracts with 9 roads, involved widening and reconstruction of about 279.783 Km of selected district roads in Madhya Pradesh and titled as **“Madhya Pradesh District Roads II Sector Project (MPDRIISP) Package-1, Bhopal”**. These packages has been completed prior to this reporting period.
4. Package – 2 (Jabalpur) consists of 7 civil work contracts i.e. Sub-Packages 6, 7, 8, 10, 11, 12, & 14 consisting 26 roads (MDRs) covering 630.545 Km length. Sub Package 10 and 11 were terminated and have been re-tendered as Package 10A and 11A in 2020-21. The civil work was in progress in construction packages 10A during this reporting period. This package involves widening and reconstruction of about 102.255 Km of selected district roads in Madhya Pradesh and titled as **“Madhya Pradesh District Roads II Sector Project (MPDRIISP) Package-2, Jabalpur”**.
5. Package – 3 (Rewa) consists of 9 Packages with 14 Sub Packages (Civil Work Contracts Packages) namely 15A (15A1 & 15A2), 15B, 16A, 16B, 17, 18A, 18B, 19, 20, 21, 22A, 22B and 23 consisting 23 roads, covering overall 587.902 Km length of MDRs. This package involves widening and reconstruction of total about 587.902 Km of selected Major District Roads in Madhya Pradesh and titled as **“Madhya Pradesh District Roads II Sector Project (MPDRIISP) Package-3, Rewa”**. The project works of package 3 has been completed prior to this reporting period.
6. As per ADB’s Safeguard Policy Statement (2009) all the sub projects have been categorized as category B. Presently the project has been divided into 26 packages consisting of 58 roads. During the reporting period the construction works was in progress at Package 10A (5 roads) under **MPDRIISP Package-2 (Jabalpur)**. Details of Civil Work Contractors are given in **Table-1**.

The Environmental and Social Cell (ESC) at MPRDC headquarters, reporting to the Chief Engineer, is responsible for ensuring compliance with environmental and social safeguards of all roads under the project. Details of Organisation Structure of ESC are given in **Table No. 2**.

Environmental expert are appointed in supervision consultancy packages to assist ESC, MPRDC for implementation of environment safeguards under the project including compliance of ADB's SPS 2009. The details of environmental consultant are given in **Table 3**.

As per policy to safeguard the environment at the contractor work site and to report the environmental compliance Environmental, Health and Safety (EHS) officer were appointed at each civil work contract packages. The details about the deployed EHS are given in **Table 4**.

Table 1 : Details of Civil work contracts and supervision consultants

Contract Package	Road no	Name of Project Road	Name of Contractor	Length of Project Road	Road Length as per IEE	Contract Signing Date	Commencement Date	Schedule date of Completion	Extension of Time	Physical progress during reporting Period
P1	MP-MDR-06-10	Khatakia to Suthaliya via. NH-3, Kumbraj, Barod, Mragwas, Batawda, , Binaganj, Teligaon	Bansal Construction works Pvt. Ltd. Bhopal & Prakash Asphaltting and Toll (JV)	70.79	70.79	19/05/2017	16/06/2017	15/9/2018	EoT1 – 10.3.2019 EoT2 – 30.6.2019 EoT 3 –28.2.2021 EoT – 15.5.2021	100%
P2	MP-MDR-07-01	Sirsod-Pichhore Road	KCC Buildcon Pvt. Ltd.	31.24	31.24	03/05/2017	24/5/2017	23/8/2018	EoT1 – 12.3.2019 EoT2 – 25.8.2019	100% (TOC issued on 24.8.2019)
	MP-MDR-07-18	Narwar-Chitori to Amola Road		26.33	26.33					
P3	MP-MDR-08-04	Mungawali-Malahargarh Road	M/s Gawar Construction Ltd. JV with M/s Atcon India Limited	16.723	16.723	07/04/2018	5/05/2018	3/11/2019	EOT 1-21/03/2020 EOT 2-31.01.2021	100%
	MP-MDR-08-05	Piprod-Thubon Road		7.74	7.74					100%
	MP-MDR-08-09	Belai-Kareela Mata Mandir Road		17.72	17.72					100%
	MP-MDR-27-18	Bhounrasa-Malhargarh Road		20.13	20.13					100%
P4	MP-MDR-14-15	Sanwer-Chandravatanganj - Gautampura Road	M/s D R Agrawal Infracon Pvt. Ltd.	33.94	33.94	09/04/2018	15/05/2018	14/8/2019	EOT 1-24.6.2020 EOT 2-31.12.2020	100% (TOC issued on 05.12..2020)
P5	MP-MDR-10-03	Bijawar-Kantaphod-Satwaas-khategaon Road	M/s D R Agrawal Infracon Pvt. Ltd.	55.17	55.17	23/02/2017	19/4/2017	18/4/2018	EoT1 – 9.10.2018 EoT2 – 21.6.2019	100% (TOC issued on 21.6.2019)
P6	MP-MDR-41-03	Gadarwara-Gotetoria Road	M/s Gannon Dunkerley & Co. Ltd.	13.57	13.57	12/05/2017	24/07/2017	23/10/2018	30/06/2021	100 %
	MP-MDR-41-12	Podar-salichok-Babai-Sukhakhairi Road		23.57	23.57					100 %
	MP-MDR-41-14	Kareli-Singhpur-Dangidhana Road		32.86	32.86					100%
P7	SH-32	Maharajpur-Sahajpur Road	M/s KCC Buildcon Pvt. Ltd.	24.45	24.45	16/02/2017	26/04/2017	25/12/2018	13/06/2019	100% 13/06/2019

Contract Package	Road no	Name of Project Road	Name of Contractor	Length of Project Road	Road Length as per IEE	Contract Signing Date	Commencement Date	Schedule date of Completion	Extension of Time	Physical progress during reporting Period
	MP-MDR-31-29	Samnapur-Bilehra-Nanhi Deori-Narayanpur Road		45.40	45.40					100% 13/6/2019
	MP-MDR-31-30	Kesali-Sahajpur Road		15.06	15.06					100% 13/06/2019
P8	MP-MDR-31-14	Garpehera-Dhamoni Road	M/s KCC Buildcon Pvt. Ltd.	35.33	35.33	16/02/2017	26/04/2017	25/12/2018	30/05/2019	100% 28/05/2019
	MP-MDR-31-15	Barodiya-Dhamoni Road		19.81	19.81					100% 28/05/2019
	MP-MDR-31-23	Nauniya-Madanpura Road		2.00	2.00					100% 28/05/2019
	MP-MDR-31-10	Khurai-Rajwas Road		31.82	31.82					100% 28/05/2019
	MP-MDR-42-18	Khairlanji-Agasi road		28.96	28.96					100% 28.05.2019
P10 A	MP-MDR-35-06	Bariya Choki-Lugasi-Garhi-Malhara Road	M/s PRL Project Infrastructures Ltd.- M/s Udit Infra World Pvt. Ltd. (JV)	15.550	15.540	03/03/2021	23/03/2021	01/11/2022 (Completed on 02/08/2022)	NA	100%
	MP-MDR-35-07	Bamitha-Dumra Road (Rajnagar to Dumra)		28.060	28.070					100 % 02/08/2022
	MP-MDR-35-10	Rajnagar-Bachhon Road		23.860	23.850					100%
	MP-MDR-35-13	Khaparia -Banspahari Road		24.545	24.470					100%
	MP-MDR-35-23	Chhatarpur-Vikrampur-Rajnagar Road (Vikrampur to Rajnagar)		10.240	10.240					100%
11 A	MP-MDR-37-07	Barghat-Kanhiwada Road.		21.790	21.790	02/02/2021	22/02/2021	11/06/2022	NA	100%

Contract Package	Road no	Name of Project Road	Name of Contractor	Length of Project Road	Road Length as per IEE	Contract Signing Date	Commencement Date	Schedule date of Completion	Extension of Time	Physical progress during reporting Period
	MP-MDR-37-11	Dharna Asta Dharmakuha Road	M/s Gour Road Tar Coat Pvt. Ltd. – M/s Shreeji Infraspaces Pvt. Ltd. (JV)	26.230	26.230			(Completed on 03-01-2022)		100%
	MP-MDR-42-06	Waraseoni – Katangi Road		31.260	30.600					100%
P12	SH-48	Rampayali-Garra Chouki road	M/s Sorathia Velji Ratna & Co. M/s Ketan Construction Ltd. (JV)	27.56	27.56	19/04/2017	16/05/2017	14/01/2019	31/10/2019	100% 31/10/2019
	MP-MDR-42-18	Khairlanji-Agasi road		28.96	28.96					100% 31/10/2019
	SH-48	Laalbarra-Samnapur Road		8.40	8.40					100% 31/10/2019
	MP-MDR-42-24	Sitapathar-Mahkepaar-Goreghat Road		23.04	23.04					100% 31/10/2019
P14	SH-46	Chourai-Panjara-Chand Road	M/s GHV (INDIA) Pvt. Ltd.	17.22	17.22	01/05/2017	28/05/2017	26/11/2018	29/01/2020	100% 29/01/2020
		Chand-Bichhua-Khamarpani Road		59.30	59.30					100% 100% 29/01/2020
		Raymond Chowk to Saikheda Road		11.70	11.70					100% 29/01/2020
15 A1	MP-MDR-43-09	Teonthar-Shankargarh, Road	M/s Ramraja Construction Company, Distt. Niwari (M.P.)	14.60	14.60	04/06/2020	01/07/2020	26/04/2021	14/08/2021 (proposed)	100% up to 30-06-2021
15 A 2	MP-MDR-43-17	Naigarhi-Garh, Road	M/s Udit Infraworld Pvt. Ltd. Rewa, M.P	14.14	14.14	26/05/2020	01/07/2020	26/04/2021	-	100% (03.03-2021)
P15 B	MP-MDR 43-11	Baheradabar – Piparahi – Jaskud Road	M/s Udit Infraworld Pvt. Ltd. Rewa, M.P	19.7	19.7	09/04/2018	03/05/2018	02/08/2019	-	100% (03.06.2019)

Contract Package	Road no	Name of Project Road	Name of Contractor	Length of Project Road	Road Length as per IEE	Contract Signing Date	Commencement Date	Schedule date of Completion	Extension of Time	Physical progress during reporting Period
P16 A	MP-MDR-44-16	Kirhai-Ramgarh-Mukundpur Road	M/s P. D. Agrawal Infrastructure Ltd.	34.350	34.35	04/11/2019	30/11/2019	30/05/2021	30/09/2021	100.00% up to 30.06.2021
	MP-MDR-44-23	Bhadanpur-Bhatura Road		20.050	20.05					
P16 B	MP-MDR 44-19	Jharkua – Raigon – Kasara	M/s ABC Associates JV Bhati Associates Pvt. Ltd.Satna, M.P.	23.950	23.950	11/04/2018	03/05/2018	02/08/2019	11/09/2020 & 31/01/2021	100% (30-01-2021)
P17	MP-MDR 46-08	Harfari Khaira – Misirgawan Road	M/s Prakash Asphaltting & Toll Highways (India) Ltd., Indore	25.990	25.990	22/09/2017	15/01/2018	14/01/2019	15/06/2020	100% (05.06.2020)
	MP-MDR 46-02	Chitrangi – Garhwa Road		22.670	22.670					100% (05.06.2020)
P18 A	MP-MDR 46-03	Persauna-Mada Road	M/s Barbrik Project Limited, Raipur, Chattisgarh.	12.615	24.39	07/04/2018	05/05/2018	04/08/2019	11/02/2020	100% (07.02.2020)
	(MP-MDR 46-04)	Mada-Ramgarh Road		19.870	19.870					100% (07.02.2020)
P18 B	MP-MDR 46-04	Jhurai - Sarai Road	M/s Shreeji Infraspace Pvt. Ltd., Ahmedabad.	31.440	31.440	12/04/2018	03/05/2018	02/08/2019	31/08/2020	100.0% (30.08.2020)
P19	MP-MRD 46-01	Sohagpur – Manpur Road	M/s Shreeji Infrastructure India Pvt. Ltd. – PRL Projects & Infrastructure Ltd. (SIPL-PRL) (JV)	59.400	59.400	27/02/2017	15/07/2017	14/10/2018	30/06/2019	100% (30.06.2019)
P20	MP-MDR 49-04	Anuppur – Jaitpur Road	M/s GHV (INDIA) Pvt. Ltd.	36.660	36.660	22/02/2017	24/03/2017	23/03/2019	06/07/2019	100% (07.07.2019)
	MP-MDR 49-08	Gohparu – Rasmohni – Budhar (via Bathiya road)		39.935	39.935					100% (07.07.2019)
	MP-MDR-49-07	Pasgarhi – Deori – Janakpur Road		23.485	23.485					100% (07.07.2019)

Contract Package	Road no	Name of Project Road	Name of Contractor	Length of Project Road	Road Length as per IEE	Contract Signing Date	Commencement Date	Schedule date of Completion	Extension of Time	Physical progress during reporting Period
P21	MP-MDR-43-13	Jigna New Ramnagar to Gorsarsri Road	M/s P. D. Agrawal Infrastructure Ltd.	24.200	24.200	30/05/2019	26/06/2019	24/12/2020	-	100% (24.12.2020)
	MP-MDR-44-14	Govindgarh Tikr Laxmanapur Road		17.710	17.710					
	MP-MDR-46-01	Beohari Manpur Road		16.825	16.825					
P22 A	MP-MDR-43-20	Deotalab Garh Road	M/s Bansal Construction Works Pvt. Ltd.	14.790	14.790	03/06/2019	26/06/2019	24/12/2020	11/09/2021 (proposed)	100.00% up to 30.06.2021
	MP-MDR-	Latiyar-Hanumana Road		26.040	26.040					
P22 B	MP-MDR-43-08	Sohagi-Teothar-Panwar-Daboura Road	M/s Bansal Construction Works Pvt. Ltd.	9.517	9.517	03/06/2019	26/06/2019	24/12/2020	25/09/2021 (proposed)	100.00% up to 30.06.2021
	MP-MDR	Chakghat-Sonari Road		27.760	27.760					
P23	MP-MDR-47-05	Kotma - Jaithari Rajendragram Road	M/s Shreeji Infraspce Pvt. Ltd./M/s Gour Road Tar Coat Pvt Ltd. (JV)	52.205	52.205	04/01/2018	06/03/2018	05/03/2019	04/04/2020	100% (04.04.2020)

Table 2: Details of Project Management Unit

Designation	Name of the officer
Environment Safeguard Expert	Mr. Satyendra Bahadur IFS
Senior Manager Environment	Dr. Deepak Pandey

Table 3: Details of Supervision consultants

Package	Name of Consulting Firm	Date of Appointment	Name of Env. Expert & Date of Mobilisation	Status
Supervision Consultants for Package-1 Bhopal	URS Scott Wilson India Private Limited, Gurugram, India in association with AICONS Engineering Pvt. Ltd., Bhopal, India	1st March, 2017	Dr. Sudhir Nigam Mobilised on 01.03.2017	Demobilised
Supervision Consultants for Package-2 Jabalpur	M/s MSV International Inc., USA in joint venture with Highway Engineering Consultants, India	27 th March 2017	Dr. Dilip Kumar Sharma Mobilized on 16.05.2018	Available
Supervision Consultants for Package-3 Rewa	M/s Intercontinental Consultants and Technocrats Pvt. Ltd., India in joint venture with Rodic Consultants Pvt. Ltd., India.	20 th February 2017	Mr. Prabhat Kumar Mobilised on 01.09.2017	Demobilised

Table 4: Details of Contractor's EHS officer

Package Name	Employer	EHS officer	Month of Joining
Package 10 A	M/s PRL Project Infrastructures Ltd.- M/s Udit Infra World Pvt. Ltd. (JV)	Raju Ahirwar	June 2021

II. Compliance on Environment Safeguards Requirements:

- As per ADB Safeguard Policy and Environment Assessment and Review Framework (EARF) documents prepared, compliance of environment safeguard status has been evaluated in two sections given as under:

(A) Status of Compliance with National /State/ Local government statutory environmental requirements:

- MPRDC has obtained permissions required for working in the forest area. MPRDC and Supervision Consultants have instructed the contractors to do the construction work in the forest stretch as per given guidelines of forest department. Trees have been saved and no tree cutting is done in civil package 10A, as details given in Annexure –I.

9. In Contract Package-2, Jabalpur, construction work was in progress in one sub-package 10A during reporting period. The status of “Compliance with Forest regulations” and “Compliance with Environmental Regulations” are detailed in **Annexure- I and Annexure-II** respectively.

B) Status of Environmental Compliance with ADB loan covenants as Stipulated in the Loan Agreement.

Table 5: Compliance Status with ADB Loan Covenants

Ref.	Particulars	Remarks
1	Conditions for award of contracts; commencement of Works (Schedule 4, para 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;	Complied with; (a) The work contracts have not been awarded until the approvals of IEE/EMP from ADB for the said sub-projects.
2	Commencement of Works (Schedule 4, para 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.	Complied with; Environment Clearance or EIA study have not been required for the said projects under Environment Protection Act 1986 and its subsequent amendments as these were upgradation of existing Roads. Therefore, Initial Environmental Examination (IEE's) have been conducted for all the roads and approved by ADB.
3	<u>Environment</u> (Schedule 5, para 3)	
	The Borrower shall ensure or cause the MPRDC to ensure that the preparation, design construction, implementation, operation and decommissioning of the Project facility comply with-	Complied with.
	(i) All applicable laws and regulations of the borrower and the State relating to Environment, health and safety.	All Permissions required under existing environmental statutory have been obtained during the project implementation.
	(ii) The Environmental Safeguards standards	All Environment Safeguards have been followed during project implementation.

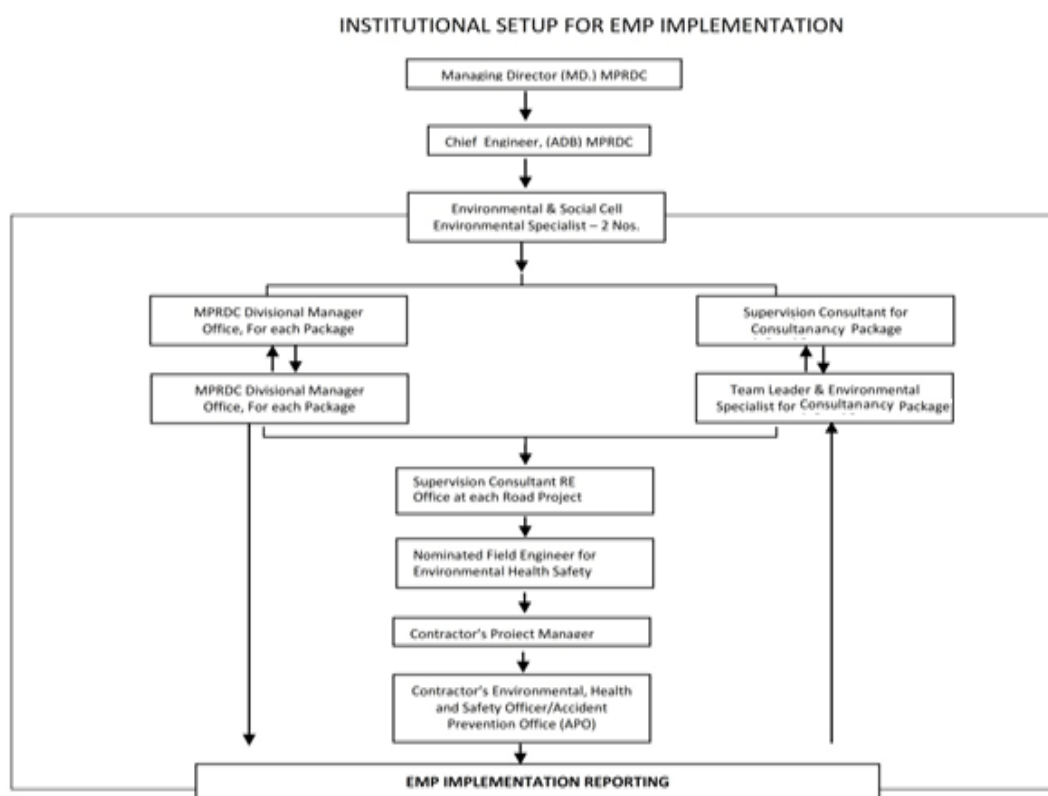
	(iii) All measures and requirements set forth the EARF, respective IEE and the EMP, and any corrective or preventative actions set forth in a Safeguards Monitoring Report	The preparation, design, construction, implementation, and decommissioning of each of the Subprojects complies with all applicable laws and regulations of the state, the environmental safeguards. It also complies with measures and requirements set forth in EARF, IEE/EMP and actions set forth in Safeguard Monitoring Reports.
4	<u>Human and Financial Resources to Implement Safeguards Requirements (Schedule 5, para 6)</u>	
	(a) The Borrower shall make available or cause the MPRDC to make available all necessary budgetary and human resources to fully implement the EMP, the RP and the IPP as required.	Complied with. (a) Budgetary provisions have been clubbed with civil cost and experts have been deputed to Monitor the Environment/Social Safeguards during Implementation of EARF, EMPs, the RF, and the RPs.
	(b) The MPRDC shall designate at latest one expert each to supervise implementation of the EMP and RP if any.	Complied with. (b) Environmental Safeguard Expert and Social Safeguard Expert have been deputed to monitor and supervise the Environment and Social Safeguards during Implementation of EMP.
5	<u>Safeguard – Related provisions in Bidding Documents and Works Contract (Schedule 5, para 7)</u>	
	The Borrower shall ensure or cause the MPRDC to ensure that all bidding documents and contracts for Works contain provisions that require contractors to :	Complied with.
	(a) Comply with the measures and requirement relevant to the Contractor set forth in IEE, the EMP, and the RP and the IPP as applicable (to extent they concern Impacts on affected peoples during construction), and any corrective or preventative actions set out in a Safeguards Monitoring Report;	Environment safeguards and EMP have been included in project Bid documents and contract agreement of the contractors. Contract agreement of contractors has included EMP as Annexure-I and EMoP as Appendix III.
	(b) Make available a budget for all such environmental and social measures;	Budgetary provision had been provided in Environment Monitoring Plan as a part of contract document.

	(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 IEE, the EMP and the RP or the IPP if any;	EMP as a part of Contract agreement proved to be very exhaustive document. No such impact anticipated during the project implementation.
	(d)adequately record the condition of roads, land and other infrastructure prior to starting to transport materials and constructions and;	Baseline study had been done to record the initial condition of the site and its surroundings.
	(e) Fully reinstate pathways, other local infrastructure, and agricultural land to at least their pre-project condition upon the completion of construction.	The restoration works have been completed.
6	<u>Safeguards Monitoring and Reporting (Schedule 5, para 8)</u>	
	The Borrower shall do or causes the MPRDC to do the following:	Complied with.
	(a) Submit Safeguards Monitoring Reports annually for Environmental Safeguards to ADB and disclose relevant information from such reports to affected persons promptly upon submission;	Annual Environment Monitoring Reports have been submitted during entire implementation period. These reports have been disclosed on ADB website.
	(b) If any unanticipated environmental and/or social risk and impacts arise during construction, implementation or operation of the project that were not considered in the IEE, the EMP, and the RP or the IPP as applicable, promptly inform ADB of the corrective action plan; and	There is no such impact raised during this reporting period.
	(c) Report any breach of compliance with the measures the requirements set forth in the EARF, IEE the RF, RP and the IPPF, IPP (if any), promptly after becoming aware of the breach.	There is no such breach of compliance with the required measures, raised during this reporting period.
7	<u>Prohibited List of Investment (Schedule 5, para 9)</u>	
	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	Complied with.
8	<u>Labour Standards (Schedule 5, para 10)</u>	
	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;	Complied with.
	(i) Carryout HIV/AIDS awareness programmes for labour and disseminate information at worksites on risk of sexually transmitted diseases and HIV/AIDS as part of health and safety measures for those employed during construction; and	The Report of Camps, Workshops on Hygiene Education, Disease Prevention, HIV-AIDS and COVID-19 has been submitted periodically during construction.

	(ii) Follow and implement all statutory provisions on labour (including not employing or using children and labour, 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.	Complied with.
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III. Implementation of Environmental Management Plan:

10. The IEE duly showed that the environmental impact would mostly occur during construction due to clearing for widening the carriageway, construction work related to compaction of the embankment and cut and fill, as well as the quarrying and borrowing to support construction activity. The environment category for all roads projects is "B". During implementation, MPRDC have implemented all the mitigation measures. Environmental and Social Cell of MPRDC had been responsible for monitoring of EMP implementation. MPRDC and Civil works contractors have obtained all the permissions required from related government agencies, as per construction applicable, statutory environmental regulations to enable them to carry out without violating country rules and regulations. MPRDC through its Environmental Safeguard Expert and Environmental Specialist and Supervision Consultants, had closely monitored the implementation of environmental issues of all packages. Regular site visits and review meetings had been held with the nominated Environmental Officers of Contractor's staff of each project. In addition to this, for effective day to day supervision of implementation of environmental aspects, the Supervision Consultants have designated their site staff (site engineer) to look after these aspects. The contractor have appointed /nominated safety officer at their construction sites to take care of safety aspects of construction sites. Structure of Institutional setup to monitor EMP implementation on each project is being shown below:



11. The Supervision Consultant have submitted Monthly/Quarterly progress report to MPRDC that includes information on implementation of environmental issues. The environmental information, captured in these reports includes environmental monitoring status of construction sites, pollution control measure being adopted, and measures for workers safety at construction site and camp site, safety of road user/public etc. The Supervision Consultant have assessed the implementation of EMP during the reporting period as satisfactory. Some of the photographs showing EMP implementation on site are provided in **Annexure-IV**.
12. Public consultations were conducted on the ongoing package at several locations during site visits of Environmental Safeguard Expert of Supervision Consultant. During public consultation Supervision Consultants have explained to the participants about environmental, social, health and safety aspects of the project having direct or indirect impacts. Supervision consultant has also solicited participant's views after development of this project and concerns regarding it. The contractor have also enlightened by the CSC's Environmental Expert regarding all the aspects of IEE disclosures and instructed to disclose IEE in the office at all camp sites. The Grievance Redressal Mechanism has been established for each construction site. For effective and timely redressal of public grievances such as maintaining of register, display boards for the complaint register and contact numbers of responsible persons have been placed on the site. Details of the public consultations carried out at various locations along the ongoing projects during reporting period are summarized in **Table No. 7** and photographs for public consultation are given in **Annexure-VI**.

Table 7: Details of Public Consultations conducted during the reporting period

SI No.	Pack age	Name of Project Road	Date	Location/ Chainage	Nos of Particip ants	Issues discussed
1	Pkg 10A	Bariya Choki- Lugasi-Garhi- Malhara Road				<ul style="list-style-type: none"> • People desired to adopt proper measure to minimise the Dust and Noise Pollution during construction. The Contractor's Representatives assured to take care of the same during construction. • Some persons desired that employment opportunity for local labour/ workers during construction. The contractor was instructed to employ local labours as per their requirements. • Positive impact of project such as better connectivity, employment opportunities, better quality of Life etc., was explained to the local people. • Complaint redressal mechanism, funding agency, construction agency etc., was explained to the local people.
		Bamitha-Dumra Road (Rajnagar to Dumra)	25.09.2022	Dhumra		
		Rajnagar-Bachhon Road				
		Khaparia - Banspahari Road				
		Chhatarpur- Vikrampur-Rajnagar Road (Vikrampur to Rajnagar)	27.06.2022	Ranipura		

IV. Approach and Methodology for environmental parameters monitoring

13. The Supervision Consultant instructed the civil work contractors to ensure the monitoring of ambient air quality, water quality and noise level as per the agreed environmental monitoring plans. As per "Environmental Monitoring Plan," The contractor has carried out periodic monitoring of Environmental attributes such as Air quality, Water (Surface water and ground water) Quality and Noise quality at the predefined locations through hired external monitoring agency which must be accredited with NABL/SPCB/ CPCB. The sampling location for these components based on the monitoring stations with reference to IEE report and environmental sensitive locations like school, hospital, construction sites, pollution sources, discharge points, camp sites, forest area (If any) etc. have been identified. The details on environmental components, parameters, methodology, duration of monitoring and instruments are described in following Table-8.

Table 8: ADB Approved Environmental Monitoring Plan

Env. Component	Parameters (As given in IEE)	Method of Monitoring	Duration/ Frequency of Monitoring	Instrument used
Air	PM _{2.5} , PM ₁₀ , SO ₂ , NO _x , CO.	High volume sampler to be located 50m from the plant in the Downwind direction. Use method specified by CPCB for analysis	Thrice in a year except monsoon	High volume sampler
Water	pH, Conductivity, TDS, TSS, turbidity, Total alkalinity, Total Hardness, Chloride, Iron, BOD, COD, Oil & grease, etc.	Grab sample collected from source and Analyse as per Standard Methods for Examination of Water and Wastewater	Thrice in a year except monsoon	-
Noise	Equivalent Noise levels on dB (A) scale for day and night	By using Noise meter Readings to be taken at 15 seconds interval for 15 minutes every hour and then averaged	Thrice in a year except monsoon	Noise Meter

V. Environment Monitoring (Ambient air, surface water, ground water and Noise) Status and findings:-

14. During this reporting period, monitoring of components such as ambient air quality, water quality and noise level was carried out by the civil work contractors of Package 10A, under supervision Package-2. Details are provided in the **Table-9** and some photographs of environmental monitoring works are given in **Annexure-VII**. The contractors have been instructed to do the monitoring work as per agreed environmental monitoring plan where the monitoring activities were still not taken up.

Table 9: Status of Environmental Monitoring during Reporting Period

Name of the Sub-Project	Monitoring Location	Parameter	Month*	Observations
(Package-2, Jabalpur)				
Package -10A	Air and Noise Sampling sites:- 1. BD Road, RB Road, CVR road Km 0+200 LHS Rajnagar Camp Water Sampling Sites: - 1. Ground water at BD Road, RB Road, CVR Road Km 0+200LHS, Rajnagar Camp	Air- PM _{2.5} , PM ₁₀ , SO ₂ , NO _x . Noise:- 24 hours monitoring, Leq (Day), Leq (Night) Water:- Parameter for drinking water as per IS:10500,	June 2022	All the Parameters for Air quality, water quality and Noise quality are found within permissible limits.

*Note: Environmental Monitoring conducted for last quarter of monitoring is given in the Table-9; the results of parameters analysed (average) are described in Table 10, 11 and 12.

15. The environmental monitoring of ambient air quality, Noise levels and Water quality was carried out at pre-defined locations. To briefly represent the data, the monitoring results for ambient air quality, noise level and water quality are being shown in **Table No. 10**, **Table No. 11**, and **Table No. 12** respectively.

Table 10: Ambient Air Quality Monitoring results.

Parameters Package	PM ₁₀ (µg/m ³)	PM _{2.5} (µg/m ³)	SO ₂ (µg/m ³)	NO _x (µg/m ³)	CO (mg/m ³)
(Package-2, Jabalpur)					
Package -10 A	85.88	43.57	9.95	23.17	0.574
Standard (NAAQS)	100	60	80	80	4

Table 11: Ambient Noise Level Monitoring results.

Parameters Locations	Day Time dB(A)	Night Time dB(A)
	Leq	Leq
(Package-2, Jabalpur)		
Package -10 A	69.50	48.30
Prescribed Standards dB(A)	75 dB (A)	65 dB (A)

Table 12: Ground/Surface Water Quality Test Results.

Parameters Package	pH	TDS (mg/l)	Total Hardness as CaCO ₃ (mg/l)	Iron as Fe (mg/l)	Chloride as Cl (mg/l)	Total Coliform (MPN/100 ml)
(Package-2, Jabalpur)						
Package -10 A	6.96	291.80	128.12	0.07	35.45	Absent
Desirable Limit (As per IS 10500)	6.5-8.5	500	200	0.3	250	Absent
Permissible Limit (As per IS 10500)	No Relaxation	2000	600	No Relaxation	1000	Absent

VI. Details of Redressal committee and complaints received from public and actions taken thereof to resolve.

- The GRC (Grievance Redressal Committee) for both state (MPRDC) and Divisional level (PIU) have been constituted. In addition, a register of grievances is also placed in construction camp to register people's grievances, but the grievances related to environmental issues were not received till the end of reporting period.

VII Action Plan for COVID Prevention and Control

- COVID-19 pandemic third wave have hit Madhya Pradesh in the month of December 2021 and January 2022. However, ADB surveillance to pandemic was started with the world health organisation's guidelines that was evident from the correspondences of ADB officials. Covid protocols are followed along with the progress of construction work and implementation of environmental, health and safety of individuals associated in the ADB funded project MPDRIISP of MPRDC. Following the national guidelines for work cessation during first lockdown all ongoing project works was terminated temporarily. MPRDC officials has formulated standard operating

procedures for work related to onsite road construction as well as official works. The SOP was well informed to ADB before actual implementation.

Both the consultant and contractor were asked to develop the action plan to be implemented during the normal working hours of unlocked period. MPRDC ensured that the action plan submitted by the consultant and contractor are as per national and international guidelines to provide utmost safety against the spread of COVID 19 diseases. Reporting of safety measures implemented to combat COVID related diseases and compliance of protective measures enlisted in SOP are made mandatory in monthly progress reports as well as during the official meetings. A sample of COVID prevention action check list is attached (**Annexure III**). Also photographs attached is the status of action taken from civil work contractors (**Annexure V**).

Some representative photographs of compliance with COVID prevention action plan are given in **Annexure V**.

Table 13: Status of Compliance with COVID Prevention Action Plan

PKG	Name of Contracting Firm	Status of Work	COVID prevention action plan			COVID case reported
			Prepared	Submitted	Followed	
Supervision Consultancy Package 2 (Jabalpur)						
PKG 10A	M/s Gour Road Tar Coat Pvt. Ltd. – M/s Shreeji Infraspac Pvt. Ltd. (JV)	In Progress	Yes	Yes	Yes	No

VIII. Follow-up actions and conclusions:

18. The Contractor of said package have been instructed to strictly adhere to the relevant mitigation measures as per EMP during the execution of all activities at construction sites. Following are the areas for scope of improvements by the contractor in coming month:

- Restoration of Construction site and Quarry areas.
- Regular Environmental Monitoring works for Air Quality, Noise level and water quality is required to ensure as per contract Environment Monitoring Plan during Maintenance Period.

Annexure-I

MPDRIISP-Package: 1, Bhopal

Status of Compliance with Forest Regulations

Contract Package	Name of Project Road	Length of Project Road	Length of Forest Section Passing through road		Status of Working Permission	No.'s of identified Trees to be cut		Remarks,
			As per IEE	As per NOC of Forest Dept.		As per IEE	As per site survey	
Pkg-1	Khatakia to Suthaliya Via. NH-3 Road. MP-MDR-06-10	70.79	Nil	14.970 Km	Obtained letter No. DM /2017/12594 dated 18/12/2017	898	75	Obtained, Letter No. 03/A-62/2018-19 dated 27.4.2019
Pkg-2	Sisrod-Pichhore Road MP-MDR-07-01	31.24	Nil	No Forest	NA	543	80	Obtained, Letter No. 01/17-18/A-62/620-624 dated 14.03.2018 and, No/02/17-18/A-62/625-629 dated 14.03.2018
	Narwar-Chitori to Amola Road MP-MDR-07-18	26.33	Nil	5.550 Km	Obtained Letter No. DM/4007 Dt. 29/01/17	93	Nil	Trees are saved; tree felling not required
Pkg-3	Mungawali-Malhargarh Road MP-MDR-08-04	16.72	Nil	No Forest	NA	169	Nil	Trees are saved; tree felling not required
	Piprod-Thubon Road MP-MDR-08-05	7.74	Nil	0.980 Km	Obtained Letter No. DM/18/1091 Dt. 10/05/2018	11	Nil	Trees are saved; tree felling not required
	Belai-Kareela Mata Mandir Road MP-MDR-08-09	17.72	Nil	8.670 km	Obtained Letter No. DM/18/1137 Dt. 14/05/2018	9	Nil	Trees are saved; tree felling not required
	Bhounrasa-Malhargarh Road MP-MDR-27-18	20.13	-Nil	No Forest	NA	35	Nil	Trees are saved; tree felling not required
Pkg-4	Sanwer-Chandravatiganj-Gautampura Road MP-MDR-14-15	33.94	No Forest	No Forest	NA	139	76	Obtained vide letter no 285 and 291, dated 31 May 2018 and 11 June 2018 respectively
Pkg-5	Bijawar-Kataphoda-Satwas-Khategaon Road MP-MDR-10-03	55.17	2.5 km	1.145 Km	Obtained kr/s/p/1308 Dt. 22.06.2017		903	Obtained, 07/A-62/2016-17 dated 17.5.2017 and 08/A-62/2016-17 dated 17.5.2017

Annexure-I

MPDRIISP-Package: 2, Jabalpur

Status of Compliance with Forest Regulations

Contract Package	Name of Project Road	Length of Project Road	Length of Forest Section Passing through road		Status of Working Permission	Nos of identified Trees to be cut		Remarks,
			As per IEE	As per NOC of Forest Dept.		As per IEE	As per site survey	
P6	Gadarwara-Gotetoria Road MP-MDR-41-03	13.57	Nil	0.950 Km	NOC obtained vide Lt. No. 1644 Dated 25/03/2017	453	Nil	
	Podar-salichok-Babai-Sukhakhairi RoadMP-MDR-41-12	23.57		No Forest	NA	452	Nil	
	Kareli-Singhpur-Dangidhana Road MP-MDR-41-14	32.86		No Forest	NA	238	Nil	
P7	Maharajpur-Sahajpur Road MP-MDR-31-08	24.45	Nil	3.300 Km	NOC obtained vide Lt. No.449 Dated 27/3/2018	234	Nil	
	Samnapur-Bilehra-Nanhi Deori-Narayanpur Road MP-MDR-31-29	45.4		No Forest	NA	17	Nil	
	Kesali-Sahajpur Road MP-MDR-31-29	15.06		No Forest	NA	125	Nil	
P8	Garpehera-Dhamoni Road MP-MDR-31-14	35.33	16.000	18.93 Km	NOC obtained vide Lt. No. 3470 Dated 28/12/2017	37	Nil	
	Barodiya-Dhamoni Road MP-MDR-31-15	19.81	Nil	4.400 Km	NOC obtained vide Lt. No. 3159 Dated 29/11/2017	12	Nil	

Contract Package	Name of Project Road	Length of Project Road	Length of Forest Section Passing through road		Status of Working Permission	Nos of identified Trees to be cut		Remarks,
			As per IEE	As per NOC of Forest Dept.		As per IEE	As per site survey	
	Nauniya-Madanpura Road MP-MDR-31-23	2	Nil	1.880 Km	NOC obtained vide Lt. No. 3157 Dated 29/11/2017	2	Nil	
	Khurai-Rajwas Road MP-MDR-31-10	31.82		No Forest	NA	Nil	Nil	
P10A	Bariya Choki-Lugasi-Garhi-Malhara Road MP-MDR-35-06	15.550	Nil	No Forest	NA	93	Nil	
	Bamitha-Dumra Road (Rajnagar to Dumra) MP-MDR-35-07	28.060	Nil	No Forest	NA	97	Nil	
	Rajnagar-Bachhon Road MP-MDR-35-10	23.860	Nil	0.043 Km	NOC vides Lt No.3962 Dated 16/10/2018	24	Nil	
	Khaparia -Banspahari Road MP-MDR-35-13	24.545	Nil	0.125 Km	NOC vides Lt. No. 3931 Dated 15/10/1918	121	Nil	
	Chhatarpur-Vikrampur-Rajnagar Road (Vikrampur to Rajnagar) MP-MDR-35-23	10.240	Nil	No forest	NA	11	Nil	
P11A	Barghat-Kanhiwada Road. MP-MDR-37-07	21.790	Nil	No forest	NA	453	436	Permission obtained 1. Lt. No. 8701 date 30/12/2017
	Dharna Asta Dharmakuha Road MP-MDR-37-11	26.230	Nil	0.800 Km	NOC vides letter No. 1242 Dated 12/06/2017	77	Nil	
	Waraseoni – Katangi Road MP-MDR-42-06	31.260	Nil	No forest	NA	161	Nil	
P12	Rampayali-Garra Chouki road MP-MDR-42-16	27.56	Nil	4.950 Km	NOC obtained vide Lt. No. 7845 Dated 7/09/2017	249	19	Permission obtained vide Lt. dated 20/12/2017 and 22/01/2018
	Khairlanji-Agasi road MP-MDR-42-18	28.96	Nil	2.400 Km	NOC obtained vide Lt. No.7496 Dated 26/08/2017	152	Nil	
	Laalbarra-Samnapur Road MP-MDR-42-20	8.4		No Forest	NA	116	Nil	

Contract Package	Name of Project Road	Length of Project Road	Length of Forest Section Passing through road		Status of Working Permission	Nos of identified Trees to be cut		Remarks,
			As per IEE	As per NOC of Forest Dept.		As per IEE	As per site survey	
	Sitapathar-Mahkepaar-Goreghat Road MP-MDR-42-24	23.04	Nil	12.040 Km	NOC obtained vide Lt. No.7498 Dated 26/08/2017	86	Nil	
P14	Chourai-Panjara-Chand Road MP-MDR-40-10	17.22		No Forest	NA	Nil	241	Permission obtained vide Lt. dated 28/03/2018
	Chand-Bichhua-Khamarpani Road MP-MDR-40-10	59.3	Nil	5.81 Km	NOC Lt. No. 1387 dated 05/07/2017	Nil	Nil	
	Raymond Chowk- Saikheda Road SH-46	11.7	1.5 Km	1.76 Km	NOC Lt. No.4000 dated 19/12/2018	Nil	Nil	

Annexure-I

MPDRIISP-Package: 3, Rewa

Status of Compliance with Forest Regulations

Contract Package	Name of Project Road	Length of Project Road	Length of Forest Section Passing through road		Status of Working Permission	No.'s of identified Trees to be cut		Remarks,
			As per IEE	As per NOC of Forest Dept.		As per IEE	As per site survey	
Pkg-15 A1	Teonthar – Shankargarh (MP-MDR 43-09)	14.6	Nil	No Forest	Not applicable as no forest are encountered	68	Only one tree was cut with the permission of Divisional Director, Forest Dept. Allahabad and other tree are accommodated within shoulder portion.	Tree cutting permission vide letter no 2179/TC/22-10 dated 8 th June 2021.
Pkg-15 A2	Naigarhi – Garh Road (MP-MDR 43-17)	14.14	Nil	No Forest	Not applicable as no forest are encountered	107	NIL as trees have been accommodated within the shoulder portion.	
Pkg-15 B	Baheradabar – Piparahi – Jadkud Road (MP-MDR 43-11)	19.7	Nil	10.400 kms	Obtained from Forest Department, Rewa vide letter no-7817 dated 26.07.2018	65	NIL as trees have been accommodated within the shoulder portion.	
Pkg-16A	Kirhai –Ramgarh – Mukundpur Road (MP-MDR 44-16)	34.35	Nil	No forest	Not applicable as no forest are encountered -	242	NIL as trees will be accommodated within the shoulder portion.	
	Bhadanpur – Bhatura Road (MP-MDR 44-23)	20.05	4.05 kms	0.9 kms	Obtained from Forest Department, Rewa vide letter no-1447 dated 03.02.2021	244	NIL as trees will be accommodated within the shoulder portion.	
Pkg-16 B	Jharkua – Raigon – Kasara (MP-MDR 44-19)	23.95	Nil	No forest	Not applicable as no forest areas are encountered.	455	NIL as trees have been accommodated within the shoulder portion.	
Pkg-17	Harfari Khaira – Misirgawan Road (MP-MDR 46-08)	25.99	4.8 kms	4.900 kms	Obtained vide letter no. 1674, dated 01.05.2018 from Forest Department, Singrauli Division.	586	NIL as trees have been accommodated within the shoulder portion.	

Contract Package	Name of Project Road	Length of Project Road	Length of Forest Section Passing through road		Status of Working Permission	No.'s of identified Trees to be cut		Remarks,
			As per IEE	As per NOC of Forest Dept.		As per IEE	As per site survey	
	Chitrangi – Garhwa Road (MP-MDR 46-02)	22.67	6.6 kms	8.350 kms	Obtained vide letter No. 1518, dated 17.04.2018 from Forest Department, Singrauli Division.	254	NIL as trees have been accommodated within the shoulder portion.	
Pkg-18 A	Persauna-Mada Road (MP-MDR 46-03)	12.615	Nil	No forest	Not applicable as no forest areas are encountered.	54	5 No.'s However, the trees have been accommodated within the shoulder portion.	
	Mada-Ramgarh Road (MP-MDR 46-04)	19.87	16.5 kms	18.5 kms	Obtained vide letter no. 2192 dated 07.06.2018 from Forest Department, Singrauli Division	376	8 No.'s However, the trees have been accommodated within the shoulder portion.	
Pkg-18 B	Jhurai - Sarai Road (MP-MDR 46-04)	31.44	12.5 kms	11.712 kms	Obtained vide letter no. 1953, dated 18.05.2018 from Forest Department, Singrauli Division.	80	NIL as trees have been accommodated within the shoulder portion.	
Pkg-19	Sohagpur – Manpur Road (MP-MRD 46-01)	59.4	21.24 kms	21.22 kms	Permission to work in the forest area received vide letter no. 1676 dated 07.04.2018 from Forest dept., Umaria and permission for work in the buffer zone of Bandhavgarh Tiger reserve area vide letter no-529 dated 07.06.2018 from Dy. Director, Bandhavgarh Tiger reserve, Umaria	197	59 No.'s However, the trees have been accommodated within the shoulder portion.	Total Length (m) = 21,220 General Forest (m) = 5,695 Tiger Reserve Forest (m) = 15,525
Pkg-20	Anuppur – Jaitpur Road (MP-MDR 49-04)	36.66	2.235 kms	2.375 kms	Obtained vide letter no. 7660, dated 26/12/2017 from Forest Department, Shahdol Division.	404	28 No.'s However, the trees have been accommodated within the shoulder portion.	
	Gohparu – Rasmohni – Budhar (via Bathiya road) (MP-MDR 49-08)	39.935	5.921kms	5.921kms	Obtained 7658, dated 26/12/2017 from Forest Department, Shahdol Division.	264	33 No.'s However, the trees have been accommodated within the shoulder portion.	

Contract Package	Name of Project Road	Length of Project Road	Length of Forest Section Passing through road		Status of Working Permission	No.'s of identified Trees to be cut		Remarks,
			As per IEE	As per NOC of Forest Dept.		As per IEE	As per site survey	
	Pasgarhi – Deori – Janakpur Road (MP-MDR 49-07)	23.485	3.7kms	3.7 kms	Obtained from Forest dept., Shahdol vide no-ma/chi/ 79 dated 08.01.2018	222	98 No.'s However, the trees have been accommodated within the shoulder portion.	
Pkg-21	Jigna New Ramnagar to Gorsari Road (MP-MDR-43-13)	24.2	Nil	No Forest	Not Applicable	269	NIL as trees have been accommodated within the shoulder portion.	
	Govindgarh Tikr Laxmanpur Road (MP-MDR-44-14)	17.71	Nil	No Forest	Not Applicable	142	NIL as trees have been accommodated within the shoulder portion.	
	Beohari Manpur Road (MP-MDR-46-01)	16.825	Nil	No Forest	Not Applicable	106	NIL as trees have been accommodated within the shoulder portion.	
Pkg-22 A	Deotalab Garh Road (MP-MDR-43-20)	14.79	Nil	No Forest	Not Applicable	152	NIL as trees will be accommodated within the shoulder portion.	
	Latiyar-Hanumana Road (MP-MDR)	26.04	Nil -	1.63 kms	Deleted from scope vide the letter no. 1898/MPDRIISP/PKG22/2020 dated 26.12.2020.	89	NIL as trees will be accommodated within the shoulder portion.	
Pkg-22B	Sohagi-Teonthar-Panwar-Daboura Road (MP-MDR-43-08)	9.517	Nil	No forest -	Not applicable as no forest areas are encountered.	245	NIL as trees will be accommodated within the shoulder portion.	
	Chakghat-Sonari Road (MP-MDR)	27.76	Nil	No forest -	Not applicable as no forest areas are encountered.	112	NIL as trees will be accommodated within the shoulder portion.	
Pkg-23	Kotma - Jaithari Rajendragram Road (MP-MDR)	52.205	Nil	7.69 kms	Obtained from Forest dept. Anuppur vide letter no-2771 Dated 28.06.2018.	425	57 No.'s However, the trees have been accommodated within the shoulder portion.	

Annexure-II

















MPDRIISP-Package: 2, Jabalpur



















Status of Compliance with Environment Regulations (July 2022 – August 2022)


















S. No. / Pkg.	Name of the Sub-Project Road	Env. Clearance for the Project from MoEF/ SEIAA	Environmental Consents/Clearances to be obtained by Contractor			
			Crusher (Ref Agreement clause No-4.18)	Batching Plant (Ref Agreement clause No-4.18)	Diesel Generator Set (Ref Agreement clause No-4.18)	Permission obtained from other regulators (Ref. Agreement Clause-4.18)
Pkg-10A	<p>Bariya Choki-Lugasi-Garhi-Malhara Road MP-MDR-35-06; Bamitha-Dumra Road (Rajnagar to Dumra) MP-MDR-35-07; Rajnagar-Bachhon Road MP-MDR-35-10; Khaparia -Banspahari Road MP-MDR-35-13; Chhatarpur-Vikrampur-Rajnagar Road (Vikrampur to Rajnagar) MP-MDR-35-23.</p> <p>Total Length: 102.255 Km</p> <p>Commencement date 23/03/2021 Scheduled Completion: 01/11/2022</p> <p>Contractor: M/s PRL Project Infrastructures Ltd.- M/s Udit Infra World Pvt. Ltd. (JV)</p>	As per MoEF amendment in EIA notification 2006, EC is not required.	<p>Crusher at Jhinna ,Patha Tehsil Lavkushnagar :</p> <p>CTO obtained by supplier, AW 72798 Dated 24/12/2019.</p> <p>RMC Plant and DG sets :</p> <p>CTE application obtained vide consent no CTE-89821, dated 01-08-2021 and valid upto 30-07-2022.</p> <p>CTO application obtained vide consent no AWH-92680 dated 28-10-2021 and valid upto 01-10-2022</p>			<p>Labour Licence: 46988 Dated 17/06/2021 renewed and valid up to 31/12/2022.</p> <p>Quarry and Borrow Earth Permission – DEIAA EC obtained for 3 Stone quarries by third party suppliers vide Letter No. 1833/DEIAA/ 2018 dt. 02/05/2018; 10813/SEIAA/2016 dt. 29/01/2016; 1986/SEIAA/2019 dt. 10/01/2019.</p> <p>Borrow Area: 13 No.'s of Borrow Area are permitted for mining of borrow earth.</p> <p>Sand quarry: Sand quarry: DM permission is obtained by supplier vide letter No.188/khanij/2020 dated 16/09/2020.</p> <p>CAR Insurance Policy 214007/44/21/000169 Dated 12/04/2021 Validity 12/12/2022. Endorsed up to 01/11 2027.</p> <p>Workman compensation policy: Obtained vide No.214007/48/22/000152 dated 20/07/2021 Validity 19/07/2022 (Construction work completed and Employees demobilised).</p>

Annexure: III

Checklist for the Action Taken for the Prevention of COVID 19, as per SOP MPRDC

Check list					
Start of work Safety precautionary measures check sheet against COVID 19					
		Status			
		Yes	NO	NA	
Emergency Arrangements:					
	Suitable Emergency arrangement including Evacuation system, Ambulance / Emergency vehicle with driver & first Aid Kits.				
	Proper facilities available with tied up hospitals and informed in advance in case of emergency to tackle the situation and ensure proper medication to affected person				
	Name of the Designated Govt. hospitals for further check				
	Is there person nominated to coordinate with local authority to avail the government facilities smoothly if any?				
	Each person must download Arogya Setu App.				
	Is there record of any the workers or staffs quarantine previously?				
	Is any of the workers and staffs tested COVID-19 positive?				
	Any of the workers and staffs with close contact of person who tested positive?				
General					
	Are all workers and staffs body temperature measured on daily basis?				
	Are workers and staffs have any of the symptoms for last 24 hours?				
	STOP the usage of Biometric reader for some times.				
	Wearing of nose mask made mandatory to everyone				
	Are all workers equipped with suitable hand gloves and Nose Masks?				
	Is there sufficient quantity of hand sanitizers?				
	Are all high contact surfaces cleaning a minimum of twice a day?				
	Are enough quantity of hand wash and sanitizers?				

	Is there social distancing of minimum 06 feet maintained?				
	Are large gathering (more than 05 persons) avoided?				
Labour Camp/Guest Houses/Offices					
	Are offices, workers and staffs guest houses cleaned and sanitized frequently?				
	Are all common areas, workers rest shelter and meeting areas regularly cleaned and disinfected at least once a day?				
	Are waste being disposed of on regular basis?				
	Are Quarantine room available?				
	Whether proper ventilation available for quarantine room?				
	Whether attached / segregated washrooms available?				
	Are new workmen Medically checked by Doctor & send to Hospital for testing?				
	Sanitization & fumigation of all lifts / elevators ensured.				
	All worker shall be instructed to keep separate water				
	Ensure that all Doors/windows are in open conditions always in office hours, as far as possible Air conditions shall be avoided and natural ventilation shall be used.				
	Separate worker encouragement program arranged to make the workers aware and alert.				
	Is travel history register for worker maintained by HR / Admin Dept.				
	Are garbage barrels placed next to the hand wash?				
	Are surfaces regularly cleaned, including surfaces, door, handrails, handle etc.?				
	Are sufficient quantity of hand wash provided in all camps / washroom's places wherever required and replenished periodically?				
	Are guidelines of hand washing and precaution against covid-19 displayed at pre-dominant places?				
	Are workers briefed on daily basis about dos and don'ts of Covid-19 SOP?				
	Are outsidess food discouraged and homemade food encouraged?				

Transportation of Staff / workers:					
	Are workmen checked with IR Thermometer for Body Temperature?				
	Are all the transporting vehicle disinfected with standard cleaning and disinfecting agents?				
	Company provided cabs should not allow more than 2 passengers. Make sure that you wipe down the interior and door handle.				
	Disinfection at Entry Point				
	Is single entry point available for all workmen / staff?				
	Are arrangements available for inspection of COVID19?				
	Are personnel wearing Face Mask are only allowed to enter?				
	Are Office premises including store, canteen, and first aid room well sanitized frequently?				
	Cafe Vendor to bring packed food only for some time until in-house cooking with safety is made available.				
	BEFORE START OF WORK				
	Are all workers given Refresher Training on COVID 19?				
	Is PA system available for giving TBT?				
	Is Social distance being practiced while conducting the TBT?				
	Is adequate Quantity of required PPE available & buffer stocks available?				
	Miscellaneous				
	Greet people on our traditional way rather shaking hands.				
	Any parcel/courier person should be stopped at gate, parcel shall be collected from gate by concerned person.				
	Are government guidelines followed and implemented for Covid-19?				
	Is privacy maintained If anyone found with symptoms of Covid-19?				

Annexure: IV

Photographs of EMP Implementation



Drinking Water Facility Inside Camp



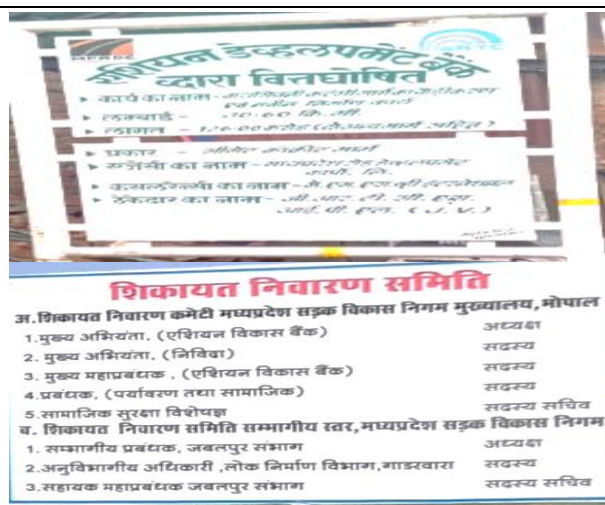
First Aid Box Inside Campsite



Labour Accommodation



Awareness for safety at Camp/worksite



GRC Information Board /
Project Information Board



Accident Response Emergency No.
Displayed

Annexure-V

COVID-19 regarding Health and Safety Practices



Annexure-VI

Photographs of Public Consultation



PUBLIC CONSULTATION					
Madhya Pradesh Road Development Corporation					
Madhya Pradesh District Roads II Sector Project Package 2 – Jabalpur					
Project Funded by Asian Development Bank					
Civil Contract Package Number / District: 10 A. Enathapur					
Project Implemented by: M.C. PRL Projects & Infrastructure Ltd. 2					
Name of Road: Enathapur - Rajnagar - Khatola - Khatola Pt. 2nd (3rd)					
Location of Public Consultation: Enathapur					
Date of Public Consultation: 27-06-2022					
Contractor Representative: Enathapur					
CSC Representative: Dr. Nareish Singh					
MPRDC / CSC Representative: Enathapur					
Discussion, Attendance and Signature Sheet of Public Consultation					
Discussion of Public Consultation:					
<p>शासनिक 27-06-2022 को ग्राम रानीपुर में हस्तपुर- विक्रमपुर-राजनगर मार्ग के निर्माण के बारे में एक सार्वजनिक बैठक आयोजित की गई। सभी ने अपना विचार पुष्ट करने के निर्माण से संबंधित विचार व्यक्त किए हैं तथा सलाहकार सुझाव दिए हैं। नए पट्टे हस्तपुर-राजनगर-कोमली के लिए 1000 इस का काम चल रहा है।</p>					
Sr. No.	Name of Person	Occupation	Sex / Age	Address	Signature
1.	अनूप कुमार	कृषि	पुं 35	रानीपुर	अनूप
2.	हनुमान	कृषि	पुं 35	रानीपुर	हनुमान
3.	गोविंददास	कृषि	पुं 35	रानीपुर	गोविंद
4.	जगदीश	कृषि	पुं 30	रानीपुर	जगदीश
5.	पुष्पा	कृषि	पुं 35	रानीपुर	पुष्पा
6.					
7.					
8.					
9.					
10.					



Public Consultation at Bamitha Dhumra Road



Post Project Completion feedback

[illegible]

Annexure: VII

Photographs of Environmental Monitoring (Air, Water, Noise)

