Environmental Monitoring Report

Project Number: 37143-033
March 2021

Period: July 2020 – December 2020

India: North Eastern States Roads Investment Program (Project 2)

Subproject: Improvement and Upgradation of Serchhip – Buarpui Road (Mz02) Project 2 Road in State of Mizoram

Submitted by

Project Implementation Unit, Government of Mizoram, Aizwal

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From: piupwd adb <piupwdadb@gmail.com>
Sent: Friday, March 05, 2021 5:49 PM
To: Arun K. Mahajan <amahajan.consultant@adb.org>; Jagir Kumar <jkumar@adb.org>; Rajiv Misra <rmisra.consultant@adb.org>; Nilesh Kumar <nkumar@adb.org>; Indu saini <indu.saini@nic.in>; Sanjay Rawat <rawat.sanjay@nic.in>
Subject: Environmental Monitoring Report(Jul to Dec 2020) - Serchhip to Buarpui Road, Mizoram

Dear Sir/Madam,

I am resending herewith Environmental Monitoring Report (Jul to Dec 2020) of Serchhip to Buarpui Road, Mizoram after attending necessary corrections as advised by ADB.

Regards,

H.Zoramliana,
Project Director, ADB
PIU,PWD
Tuikhuahtlang, Aizawl
Mizoram - 796001.
Ph: +91 389-2325723

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Pooja Awasthi

Project Director, ADB
Project Implementation Unit
Public Works Department
Tuikhuah Tlang
Mizoram:Aizawl – 796001.

Phone No. :0389 - 2325723(O)

E-mail : piupwdadb@gmail.com
Post/Fax Copy only

GOVERNMENT OF MIZORAM
OFFICE OF THE PROJECT DIRECTOR, ADB, PIU, PWD, MIZORAM, AIZAWL

No.NESRIP-02/ADB/PIU-49/2020/12 **Dated Aizawl the 11th February, 2021**

To,

Mr. Takeo Konishi,
Country Director,
Indian Resident Mission (INRM), ADB
4 San Martin Marg, Chanakyapuri,
New Delhi – 110021, India
Tel: +91 11 2410 7200

Subject: **Submission of Social Monitoring Report (up to December 2020) and Environmental Monitoring Report (July to December, 2020) for Improvement & Upgradation of Serchhip to Buarpui(MZ-02) Road, Mizoram**

Dear Sir,

I have the honour to submit herewith Social Monitoring Report (up to December 2020) and Environmental Monitoring Report (July to December 2020) for ADB assisted Serchhip – Buarpui road, Mizoram for favour of your kind perusal and record.

Yours faithfully,

(H. ZORAMLIANA)
Project Director, ADB,
Project Implementation Unit, PWD
Aizawl, Mizoram

Memo No. NESRIP-02/ADB/PIU-49/2020/12 'A' **Dated Aizawl the 11th February, 2021**

Copy to:

1. Mr. Jagir Kumar, Senior Project Officer (Transport), INRM for information
2. Mr. Anil K. Motwani, Team Leader (Transport), INRM for information.
3. Mr. Arun Mahajan, Staff Consultant (Project Management and Contract Specialist)- Transport, INRM for information.
4. The Director, MDoNER, GoI, Vigyan Bhawan Annexe, Maulana Azad Road, New Delhi – 110011 for information.

Project Director, ADB,
Project Implementation Unit, PWD
Aizawl, Mizoram

AE, PIU

ENVIRONMENTAL MONITORING REPORT

PERIOD: JULY TO DECEMBER 2020

PROJECT NAME:	**North Eastern States Roads Investment Program (Project 2) Loan – 3073 - IND Subproject: Improvement and Up gradation of Serchhip – Buarpui Road (MZ02) Project Road in the state of Mizoram**
CLIENT:	**Project Implementation Unit /Public Works Department, GOVERNMENT OF MIZORAM**

CONSULTANT : **MSV INTERNATIONAL INC.**

CONTRACTOR : **M/S TANTIA CONSTRUCTIONS LIMITED, KOLKATA**

CONTENTS

S.No.	PARTICULARS	PAGE NO.
1.0	**INTRODUCTION**	4
1.1	Brief description of the Project	4
1.2	Road Improvement and Up-gradation Project Involves	4
1.3	Overall progress during the reporting period	5
2.0	**INSTITUTIONAL SETUP**	7
3.0	**STATUTORY ENVIORNMENTAL COMPLIANCE**	10
3.1	Status of clearances from the statutory authorities	10
3.2	Compliances: Camp sites and quarry sites	12
4.0	**ENVIRONMENTAL & SAFETY MANAGEMENT AT SITE**	14
4.1	Management of spoil	14
4.2	Management of stone quarries	20
4.3	Details of base camp and other camps	20
4.4	Compliance with Safety at Work Site	22
4.5	Environment , Health and Safety	22
4.6	Medical Assistance	22
4.6	COVID 19 related issues	24
5.0	**STATUS OF COMPLIANCESON EMP & SAFETY NORMS**	30
6.0	**ENVIRONMENTAL MONITORING**	39
7.0	**STATUS OF COMPLIANCE WITH SAFEGUARDS ON LOAN COVENANTS**	41
8.0	**PUBLIC CONSULTATIONS AND REDRESSAL Of GRIEVANCES**	45
9.0	**CONCLUSION AND RECOMMENDATIONS**	46
	ANNEXURES	47 to 86

DETAILS OF TABLES

Table No.	PARTICULARS	PAGE NO.
1	Overall information about the project	7
2	Details of concerned officers deployed by the contractor	9
3	Statutory clearances	11
4	Required consents for camp Site & and quarries	13
5	Status of dumping sites in Part 1 Serchhip Road Length 15Km	15
6	Status of dumping sites in Part 2 Buarpui Road length 40Km	16
7	List of stone quarry operation and their status	19
8	Status of Environmental Compliances	28
9	EHS Status July to December 2020	35
10	Monitoring of Air Quality	37
11	Monitoring of Water Quality	38
12	Monitoring of Noise Level	38
13	Status of Compliances with respect to the Safeguards Loan Covenants	39

DETAILS OF FIGURES

Figure No.	PARTICULARS	PAGE NO.
1	Location map of Project corridor	6
2	Hierarchy of Environment Management Team	10

ABBREVIATIONS

ADB	**:**	ASIAN DEVELOPMENT BANK
PIU	**:**	PROJECT IMPLEMENTATION UNIT
PWD	**:**	PUBLIC WORKS DEPARTMENT
CSC	**:**	CONSTRUCTION SUPERVISION CONSULTANT
EMP	**:**	ENVIRONMENT MANAGEMENT PLAN
EHS	**:**	ENVIRONMENT, HEALTH and SAFETY
PESO	**:**	PETROLEUM and EXPLOSIVES SAFETY ORGANISATION
MPCB	**:**	MIZORAM POLLUTION CONTROL BOARD
NESRIP	**:**	NORTH EASTERN STATE ROADS IMPROVEMENT PROGRAM
MDONER	**:**	MINISTRY OF DEVELOPMENT OF NORTH EASTERN REGION

1. INTRODUCTION

1.1 Brief Description of the Project

1. The project road MZ 02; Serchhip-Buarpui is a part of North Eastern State Roads Improvement Program (NESRIP) – Tranche 2, being implemented with the funding support from the Asian Development Bank (ADB). Ministry of Development of North Eastern Region (MDONER) is the executing agency who in turn is implementing the projects through the State Public Works Department (PWD) of Government of Mizoram. The road improvement project covers 55 kilometers of the existing major district road, which is in two parts (Viz. Part I and II) intercepted by the Aizawl - Lunglei State Highway. This project was classified as **Category B** as per ADB's Safeguards Policy Statement, 2009.

Name of Road	Road Type	From	To	Length (Km)
Serchhip – Buarpui Road	State Highway	Serchhip	Buarpui	55

.2. Part I starts from the junction (Serchhip - Sialsuk junction) on NH 54, about 4 km south of Serchhip town and terminates at the junction with Aizawl-Lunglei State Highway (SH) near Sitvan - Hanging Garden, Sialsuk. This part is covering a length of 15.2 km (Figure 1).

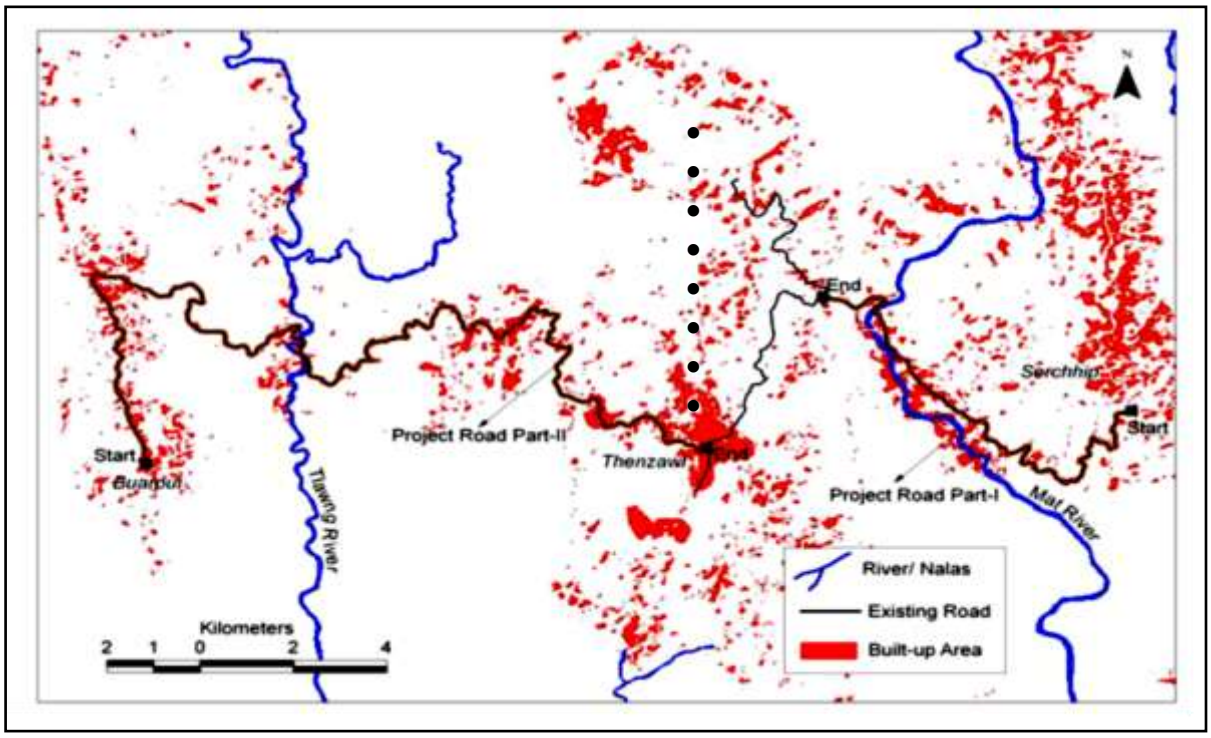
3. Part II (Thenzawl – Buarpui) starts from its junction on Aizawl-Lunglei SH near Thenzawl and ends at Buarpui. Length of this part is 39.8 km (Figure 1).

1.2 Road improvement and up-gradation project involves:

- Widening to intermediate lane with earthen shoulder on valley side and paved shoulder on the hill side;
- Improvement of existing road curves;
- Rehabilitation of existing and construction of new cross drainage structures and roadside drains;

- Improvement of junctions / intersections;
- Incorporating road safety measures; and
- Provide protection works to stabilize the slopes to control slides and erosion.

Figure 1: Project Corridor Location Map



4. The impact on the environment due to up gradation of the existing road pertains to cutting of trees, temporary deterioration of the ambient air quality during construction from clearing of land, silt run off, cutting of hill slope, camp operations and rock blasting, though not being / proposed to be undertaken at close proximity of habitations.

1.3 Overall progress achieved during the reporting period

5. The salient project information like name of the contractor, details of road sections and overall progress achieved in the parts of the total road length during the reporting period are provided in the Table 1.

Table 1: Overall project information

S.No.	Road section	Name of the contractor	Road length (km)	Overall physical progress (as on December 2020)
1	Part I: Serchhip - Sialsuk junction	M/s Tantia Constructions Ltd.	15.2	94.39%
2	Part II : Thenzawl – Buarpui		39.8	
Total Length (km)			55.0	
Last 6 months physical progress (July to December, 2020)				3.29%

2. INSTITUTIONAL SET-UP

6. Ministry of Development of North Eastern Region (MDONER) and Government of Mizoram are the respective executing agencies (EA) at the national level and state level. The public works department through its Project Implementation Unit (PIU), is the implementing agency of the project. The Project Director is heading the PIU and is supported by other staff members. The PIU has nominated a Junior Engineer as safeguards specialist to monitor and review the issues related to environment (Annexure -1). The PIU has engaged construction supervision consultant (CSC) to supervise the construction activities including implementation of Environmental Management Plan (EMP) by the contractor. Institutional setup for EMP implementation during the reporting period of EA, Consultant and Contractor is provided in table 2.

7. M/s Tantia Constructions Limited is the civil contractor entrusted with the execution of the subject project, they are committed to protect and conserve the environment during the road construction activities and also make value additions to the environmental and social conditions of the project area. Being fully aware of their environmental and social responsibilities and obligations, the company has accordingly, taken a holistic and pragmatic approach in fulfilling their responsibilities in protecting and sustaining the environment. Environment cum Social Officer and full time Safety Officer have been deployed since February 2016. Both these persons have made genuine efforts and made positive contributions in creating awareness among the site staff and the labours for protecting and achieving the goals in respect of environmental compliances / safeguards, safety and health as per EMP.

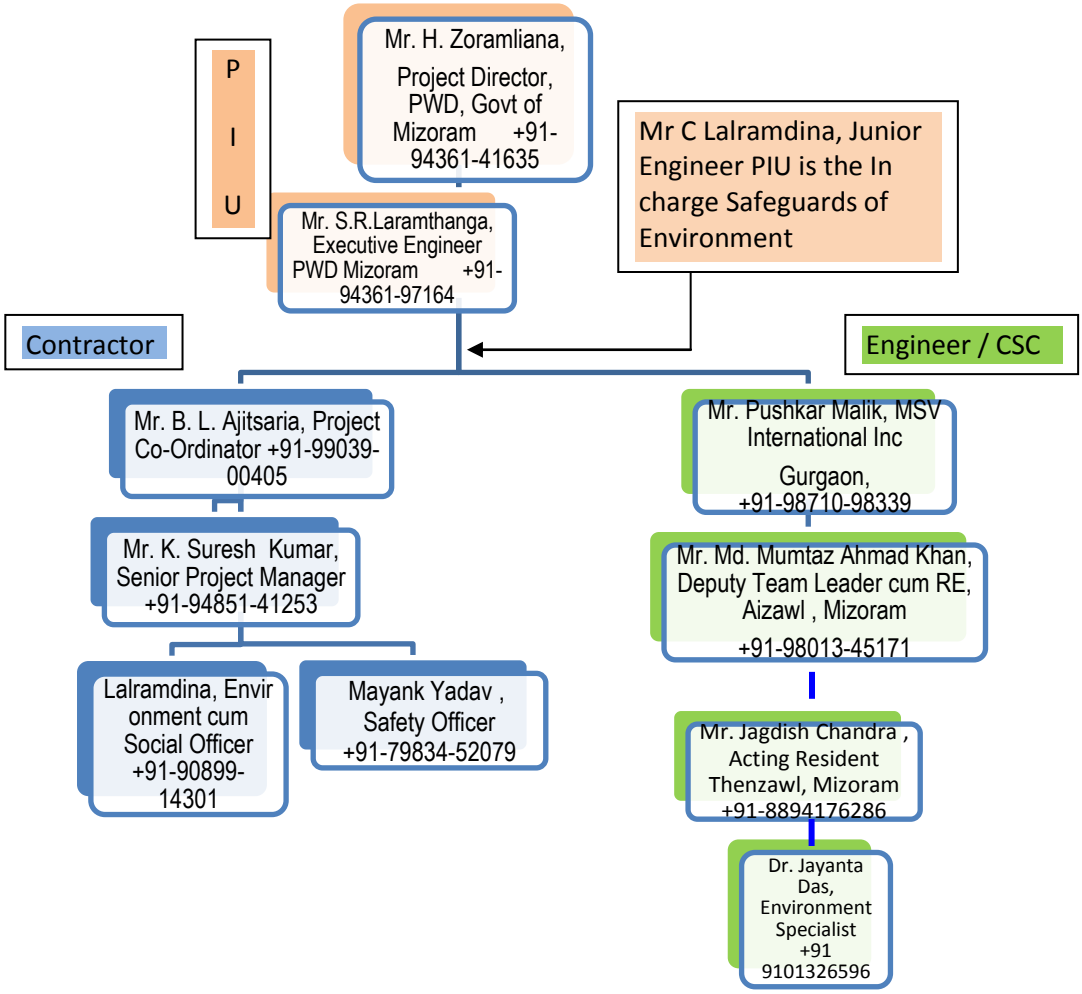
Table No.2: Details of Institutional set up for EMP implementation during the reporting period

Sl No.	Name of the Officer	Designation	Since
	Executing Agency		
1	Mr. H. Zoramliana	Project Director, PWD, Govt of Mizoram	
2	Mr. S.R. Laramthanga	Executive Engineer PWD Mizoram	
3	Mr C Lalramdina	Junior Engineer PIU is the In charge Safeguards of Environment	Sept-2017
	Consultant		
4	Mr. Pushkar Malik	CSC, MSV International Inc,Gurgaon,	
5	Mr. Md. Mumtaz Ahmad Khan	Deputy Team Leader cum RE, Aizawl , Mizoram	
6	Mr. Jagdish Chandra	Acting Resident Engineer, CSC, Thenzawl, Mizoram	
7	Dr. Jayanta Das	Environment Specialist, CSC	July-2016
	Contractor		
8	Mr. B. L. Ajitsaria	Project Co-Ordinator	
9	Mr. K. Suresh Kumar	Senior Project Manager	
10.	Lalramdina	Environment cum Social Officer	Feb- 2016
11	Mayank Yadav	Safety Officer	Feb- 2016

2.1 Project Organization Chart

8. All staffs members and workers involved in this project on a continuous basis are being made aware with refreshing of their knowledge, to the extent those relate to their work and operations in the project, in respect of the various stipulations of the EMP document. The Organizational hierarchy of the Environmental Management Team for the contract package is depicted in Figure – 2.

Figure 2: Environmental Management Team Hierarchy



3. STATUTORY COMPLIANCE

3.1 Status of approvals / clearances from the respective statutory authorities

9. Implementations of the project works require clearances from statutory authorities and other line agencies which were obtained from time to time and their present status are shown in the Table No.3 below.

TABLE 3: Statutory Clearances

Sl. No.	Activities for which clearances are required	Location (Km.)	Statutory Authority	Present status and reference no. of approval document	Annexure
1	Stone crusher plant, concrete batching & mixing plant, sand washing plant & hot mix plant	Serchip to Buarpui Road	Pollution Control Board, Mizoram	Consent to operate is valid till 3-Mar-2028. Ref: No. H.88088/Poltn/9 (83)/06-MPCB/913 dated 4-Mar-18	ANNEXURE 2
2	Stone crusher Plant, WMM plant & hot mix plant	Camp at Sailam(15 Km Tenzawl Village)	Pollution Control Board, Mizoram	Consent to operate is valid till 14th Feb-2027. Ref: No. H.88088/Poltn/9 (83)/06-MPCB/130 dated 15-Feb-2017	ANNEXURE 3
3	Hume pipe production facility	Camp at Sailam (15 Km Tenzawl Village)	Pollution Control Board, Mizoram	Consent to operate is valid till 13-Nov-2033 Ref: No. H.88088/Poltn/9 (83)/06-MPCB/232dated 14-Nov-2018.	ANNEXURE 4
4	Stone crusher Plant	Camp at Km 9 (in Part 2)	Pollution Control Board, Mizoram	Consent to operate is valid till 13-Nov-2028. Ref: No. H.88088/Poltn/9 (83)/06-MPCB/233-234 dated 14-Nov-2018.	ANNEXURE 5
5	Stone crusher plant, hot mix plant &sand washing plant	Camp at Km 21 (in Part 2)	Pollution Control Board, Mizoram	Consent to operate is valid till 26-Aug-2028. Ref: No. H.88088/Poltn/9 (83)/06-MPCB/224-225 dated 27-Aug-2018.	ANNEXURE 6

Sl. No.	Activities for which clearances are required	Location (Km.)	Statutory Authority	Present status and reference no. of approval document	Annexure
6	License of possession for use of explosives from Magazine	Camp at Sailam (71Km on Aizawl Thenzawl Road)	Ministry of Petroleum & Explosives Safety Organization (PESO)	License No. E/EC/MZ/22/34(E38508) renewed on 5-Apr-16and valid till 31-Mar-2022	ANNEXURE 7
7	Grant for carriage of explosives by road van	Camp at Sailam (71Km on Aizawl Thenzawl Road)	Ministry of Petroleum & Explosives Safety Organization (PESO)	Renewed License No. E/EG/MZ/22/34(E38508) valid till 31-Mar-2022	ANNEXURE 8
8	Shot Firer's Certificate	Camp at Sailam (71Km on Aizawl Thenzawl Road)	Ministry of Petroleum & Explosives Safety Organization (PESO)	Certificate No. E/EG/MZ/30/24/(E61588) revalidated till31-Mar-2021	ANNEXURE 9
9	Labour License	For labours engaged in the project.	District Labour Employment & Industrial Training, Govt. of Mizoram	Renewed till 8-June-2021 vide letter no. IMW(A)-17/2020 dated 21st May, 2020	ANNEXURE 10
10	Workman Compensation Policy	For labours engaged in the project	Obtained from TATA AIG General Insurance Co.	Covered for 150 workers (75 skilled, 75 unskilled) and valid till 17-January-2022.	ANNEXURE 11
11	PUC of all vehicles/ construction machinery	Project area	Transport Department, Govt. Of Mizoram	Mandatory as per Transport Dept. for all commercial vehicles. Timely renewal of the certificates from the Transport Department are being obtained.	
12	Sand quarry		Purchase from local suppliers		

Sl. No.	Activities for which clearances are required	Location (Km.)	Statutory Authority	Present status and reference no. of approval document	Annexure
13	Appointment of physician	Arranged for all inhabitants of camps being run by us	Doctor from Ayush Hospital, Thenzawl (Dr. David C. Laltanpuia)	Letter of appointment issued and acceptance obtained from him dated 4-Apr-2018	ANNEXURE 12

3.2 **Compliances in respect of : Agreements with landlords** for the leased lands for running of Camps and stone quarries are shown in the table 4.

TABLE 4: Required consent for camp site and quarries

Sl. No.	Action in respect of authorised use of leased land for	Location (Km.)	Document to be in place	Present Status and Reference No.	Enclosure
1	Stone quarry	77Km (on Aizawl Thenzawl Road	Agreement with the landowner	Agreement renewed on 1-Jul-19 is valid till 31-Mar-2022	ANNEXURE 13
2	Camp	Ch. 9+000 (inPart 2)	Agreement with the landowner	Lease deed with the Land owner is valid till 31 May-2021.	ANNEXURE 14
3	Camp	71 Km (on Aizawl Thenzawl Road	Agreement with the landowner	Lease deed with the landowner is renewed till 31stDecember, 2023.	ANNEXURE 15
4	Camp	Km 21 (in Part 2)	Agreement with the landowner	Lease deed with the landowner is valid till 30thJanuary, 2022	ANNEXURE 16

10. The expansion of the project road does not attract the provision of EIA Notification and require any Environmental Clearance from the MOEFCC. No part of the project road is falling within the core, buffer or eco-sensitive areas of national parks, sanctuaries, biospheres, and protected wetlands; and the project roads are away from the legally protected monuments of archeological importance. Forest area diversion of 0.9963 ha was done under Tlawng Riverine Reserve Forest (Annexure 17) and amount for compensatory afforestation was deposited to Forest Department account (Annexure 18).

4. ENVIRONMENTAL & SAFETY MANAGEMENT AT SITE

4.1 Management of Spoil

11. Earth spoil generated from the cutting and landslides are disposed off at identified and authorized locations with the prior approval from the PIU / CSC. In case of the area is falling under the jurisdiction of the Village Council, consent for use of the land for the said purpose is obtained from the concerned VCP. In case of few other private lands which are used for the disposal of earth, NOC from the respective landowners had been obtained. PIU, PWD has also provided disposal sites to those lands which are owned by Government. Some of disposal sites are shown in photo 1, photo 2 and photo 3. Status of dumping sites are shown in table 5 and table 6.

TABLE 5 : Status of major dumping sites in Part 1 Serchhip Road Length 15Km

S No.	Ch. From	Ch. To	Status (Active / closed)
1	0+935	0+945	Closed
2	1+600	1+700	Closed
3	1+720	1+750	Closed
4	2+170	2+200	Closed
5	3+489	3+559	Closed
6	4+400	4+435	Closed
7	5+300	5+418	Closed
8	7+680	7+700	Closed
9	7+700	7+800	Closed
10	7+860	7+920	Active
11	8+200	8+286	Closed
12	9+210	9+250	Closed
13	9+280	9+440	Closed
14	10+080	10+100	Closed
15	11+330	11+530	Closed
16	11+080	11+200	Closed
17	12+360	12+480	Closed
18	12+700	12+900	Closed
19	12+850	12+900	Closed

TABLE 6 : Status of major dumping sites in Part 2 Buarpui Road length 40Km

S No.	Ch. From	Ch. To	Status (Active / closed)
2	3+000	3+145	Closed
3	5+360	5+420	Closed
4	5+600	5+700	Closed
5	6+040	6+060	Closed
6	6+330	6+350	Closed
7	6+730	6+750	Closed
8	6+840	6+860	Closed
9	6+170	6+230	Active
10	7+630	7+700	Closed
11	7+420	7+440	Closed
12	7+720	7+760	Closed
13	7+930	7+950	Closed
14	8+420	8+570	Closed
15	8+120	8+140	Closed
16	8+680	8+690	Closed
17	9+280	9+440	Closed
18	9+210	9+250	Closed
19	9+070	9+080	Closed
20	10+080	10+100	Closed
21	10+000	10+080	Closed
22	10+280	10+350	Closed
23	10+760	10+840	Closed
24	11+330	11+530	Closed
25	11+170	11+200	Closed
26	11+530	11+540	Closed
27	11+720	11+770	Closed
28	11+920	11+970	Closed
29	12+160	12+180	Closed
30	12+210	12+240	Closed
31	12+310	12+400	Closed
32	12+500	12+612	Closed
33	12+670	12+700	Closed
34	12+990	13+060	Closed
35	13+320	13+340	Closed

S No.	Ch. From	Ch. To	Status (Active / closed)
36	13+450	13+490	Closed
37	13+540	13+570	Closed
38	13+600	13+650	Closed
39	13+760	13+780	Closed
40	13+820	13+850	Closed
41	13+000	13+070	Closed
42	14+310	14+360	Closed
43	14+390	14+460	Closed
44	14+570	14+620	Closed
45	14+630	14+700	Closed
46	14+900	14+950	Closed
47	14+630	14+810	Closed
48	15+010	15+060	Closed
49	15+760	15+810	Closed
50	15+460	15+520	Closed
51	15+660	15+710	Closed
52	15+960	16+010	Closed
53	16+260	16+300	Closed
54	16+430	16+470	Closed
55	16+560	16+610	Closed
56	16+110	16+160	Closed
57	16+710	16+760	Closed
58	17+680	17+710	Closed
59	17+350	17+380	Closed
60	17+040	17+100	Closed
61	17+300	17+330	Closed
62	17+520	17+550	Closed
63	17+580	17+620	Closed
64	18+750	18+800	Closed
65	18+110	18+190	Closed
66	18+270	18+300	Closed
67	18+480	18+510	Closed
68	18+330	18+480	Closed
69	18+640	18+710	Closed
70	18+720	18+860	Closed

S No.	Ch. From	Ch. To	Status (Active / closed)
71	19+100	19+140	Closed
72	19+400	19+480	Closed
73	19+660	19+690	Closed
74	19+730	19+770	Closed
75	19+820	19+850	Closed
76	19+930	19+960	Closed
77	20+050	20+110	Closed
78	20+280	20+330	Closed
79	20+650	20+700	Closed
80	20+980	21+100	Closed
81	21+500	21+600	Closed
82	21+650	21+800	Closed
83	21+660	21+760	Closed
84	22+370	22+410	Active
85	24+700	24+780	Closed
86	25+480	25+540	Closed
87	25+650	25+910	Closed
88	25+440	26+180	Closed
89	26+400	27+240	Closed
90	27+240	27+320	Closed
91	27+525	27+670	Closed
92	27+670	27+810	Closed
93	27+840	28+010	Closed
94	27+966	28+826	Closed
95	28+120	28+340	Closed
96	28+340	28+850	Closed
97	29+070	29+390	Closed
98	29+390	30+500	Closed
99	30+530	30+580	Closed
100	30+860	30+920	Closed
101	30+940	31+110	Closed
102	31+170	31+420	Closed
103	31+450	31+460	Closed
104	31+560	31+700	Closed
105	31+790	31+910	Closed

S No.	Ch. From	Ch. To	Status (Active / closed)
106	33+160	33+220	Closed
107	33+330	33+410	Closed
108	33+410	33+475	Closed
109	33+475	33+500	Closed
110	33+500	33+580	Closed
111	33+680	33+729	Closed
112	33+780	33+870	Closed
113	33+995	34+005	Closed
114	33+950	34+020	Closed
115	34+020	34+050	Closed
116	34+100	34+170	Closed
117	34+210	34+285	Closed
118	34+325	34+425	Closed
119	34+600	34+720	Closed
120	34+760	34+870	Closed
121	34+920	34+995	Closed
122	34+990	35+130	Closed
123	35+100	35+170	Closed
124	35+230	35+340	Closed
125	35+340	35+490	Closed
126	36+210	36+265	Closed
108	33+410	33+475	Closed
109	33+475	33+500	Closed
110	33+500	33+580	Closed
111	33+680	33+729	Closed
112	33+780	33+870	Closed
113	33+995	34+005	Closed
114	33+950	34+020	Closed
115	34+020	34+050	Closed
116	34+100	34+170	Closed
117	34+210	34+285	Closed
118	34+325	34+425	Closed
119	34+600	34+720	Closed
120	34+760	34+870	Closed
121	34+920	34+995	Closed

S No.	Ch. From	Ch. To	Status (Active / closed)
122	34+990	35+130	Closed
123	35+100	35+170	Closed
124	35+230	35+340	Closed
125	35+340	35+490	Closed
126	36+210	36+265	Closed

Photographs

Disposal area slop protection (Photograph 1)

Disposal area slop protection (Photograph 2)

Trees Plantation on Road side (Photograph 3)

4.2 Management of Stone Quarries

12. As per the quality and quantity requirements in respect of stone spalls / chips etc, at present only two quarries are being operated. These quarries are in privately owned land and mining is being continued after having obtained due consent (Agreement and renewal thereof) / clearances from the respective landowners. List of stone quarry and the present status are shown in table 7 and photograph 4.

Table 7: List of stone quarries being operated and their present status

S. No.	Name / Identification of the stone quarry	Location	Name of the landowner	Agreement with the land Owner	Status
1	Sentezel (Airport Quarry) (Km 77)	On Aizawl-Thenzawl MSRP Road	Mr. R Chhuntluanga of Sailam Village	Lease deed with the land owner, ref: ANNEXURE 13	In operati -on

4.3 Details of Base Camp and other Camps

13. The project road is divided into two parts and for the logistics and expediency of the work one base camp and three other camps have been established. Base camp is

established in the Part 1 at km12 near Mat river bridge. Three other camps have been established in Part 2 at km 9.0, km 21.0 and km 71.0. Potable drinking water, adequate sanitary and first aid facilities have been provided in all the camps. LPG/ kerosene fuel are being used for cooking purposes. Toilets with connected piping to septic tanks and soak pits are provided. The solid wastes generated are being collected in dustbin sand the garbage is disposed off at regular intervals at designated ground. To ensure no water logging during monsoon, drainage facilities are provided and maintained at the camp sites. Camp photographs (5) are shown below.-

77 KM QUARRY (SAILAM)

Showing the stone quarries, which is under operation - Photograph 4

21 Km Camp

Mat Camp

Contractor's camps - Photograph 5

4.4 Compliance with Safety at work place

Traffic Management:

14. Although the volume of traffic movement is low in the work locations, priorities are always given to the road users to minimize inconvenience during construction. Traffic management comprising of temporary diversion of road, display of signages, deployment of flagmen as required are generally followed as, when and where those are required. Instructions are given to the concerned supervisors for adherence to these requirements to mitigate inconvenience to the public. There are no issues / complaints, so far in respect of any non-compliance of the above. Interactions and consultations are carried out with the Village Councils and NGOs from time to time to address any likelihood of inconvenience to the villagers from the planned road construction operations, which also help both the parties in maintaining a cordial relationship and in getting support from each other.

4.5 Environment, Health and Safety (EHS)

15. Workers are made aware of the risk from human transmitted diseases due to uncontrolled mixing and the related precautionary measures to be taken to safeguard from acquiring diseases and remain as healthy. Importance of use of right and adequate PPE and good work practices while at work to ensure safety of the individual and that of his co-workers. Every staff of M/s Tantia Constructions Ltd. deployed in this project is made aware of the project specific Environmental and Safety Policy (Photograph 6). It is also disseminated to all persons concerned with the contractor in the execution of the project that the Environmental Management Plan (EMP) being a part of the contract document, it is obligatory on the part of the contractor as well as all his staff and workmen to comply with the provisions / stipulations mentioned in the EMP document in full.

4.6 Medical Assistance

16. First-aid boxes with medicines and accessories are kept in each camp site as well as at work sites. Regular health check-up is arranged at the nearest hospitals in

Thenzawl and Serchhip for those staff and workers who need medical assistance. Due to non-availability of any privately managed hospitals in the project area and shortage of doctors, agreement for providing medical assistance to our workmen and staff could not be made with a hospital. However, one Doctor from Ayush Hospital (GoI) Thenzawl was appointed on 4-Apr-18 as our Medical Advisor/ Instructor (Ref: ANNEXURE 14) to visit all camps once in a month for conducting health check-up of our workers. Health check-up of dwellers at Tlawng River base camp at Km 21 was conducted by the said appointed doctor on 29thSep, 2020. During the reporting period July to December 2020 only one health camps were organized due to COVID 19 where 24 staff and workers were screened. Photograph (7) showing health check-up underway at 21 KM base camp on 24-Dec 2020 (Last 6 months).

Photographs - 6

Emergency contact details displayed at the camp	Sand buckets for firefighting in the camp

Photograph 7 :Showing health check-up on 24-Dec 2020

17. Besides health check-up during the reported period, Mizoram State Aids Control Society (MSACS) Unit at Serchhip Hospital could not conduct HIV AIDS Awareness Programme for the workers and staff members.

4.7 Covid 19 related issues

18. This ***Site Specific Health and Safety Plan*** has been prepared on the basis of ***Standard Operating Procedure (SOP) : Health and Safety Plan*** prepared by the Project Implementation Unit, Public Works Department, Govt. of Mizoram. This document is intended to supplement formal H&S policies, procedures and plans that the contractor has in place for its employees and staff working under M/s Tantia Constructions Limited, in Serchhip-Buarpui Road project.

Details of COVID-19 Officer :
Name: Ramdina Hrahsel
Contact Numbers : 94851 40521

Emergency Contact No :
Dr. Davida - 81189 08475
Dr. Tma - 87876 79989

19. Mitigation measures : Following measures were taken at site :

1. **Thermal Screening** :
    a. All work places have adequate arrangements for temperature screening.
    b. Mandatory thermal scanning of everyone entering and exiting the work place is done.

2. **Provision of hand wash and sanitizer** preferably with touch free mechanism will be made at all entry and exit points and common areas. Sufficient quantities of all the items will be available.

Thermal Scanner placed at all the entry points and camps	Thermal Scanning at entry point of camp or work site

Hand washing facility with sanitizer- Work site	Hand washing facility with sanitizer - Camp

3. **Practice of good hygiene** (Mandatory hand washing):-
    a. Washing of hands frequently using soap and water:
        i. After coming to the camp from work place.
        ii. After having touched your face, coughing or sneezing.
        iii. Before preparing food, eating.
        iv. Before and after using toilet, cleaning etc.
    b. Avoid touching eyes, nose and mouth with unclean hands.

c. While coughing or sneezing cover nose and mouth with handkerchief. Wash the handkerchief at least daily.

d. It is preferable to cough/sneeze into bent elbow rather than in the palms.

e. Spitting should be strictly prohibited.

f. Do not shout in public places to avoid the spread of droplets.

g. Ensure that the surfaces and objects are regularly cleaned.

Sample Posters displayed at work site

4. There is a **strict ban of use of gutka, tobacco** etc, at site.

5. **Wearing of face cover** is compulsory in all work places.

How to use masks (or cloth covering the nose and mouth)

a. Wash hands before putting on the mask
b. Make sure that it covers both mouth and nose and is not loose.
c. Do not touch the mask from the front, touch only from the sides.
d. Make sure to wash your hands after changing the mask
e. Change the mask every 6-8 hours or when it becomes moist
f. If using disposable masks, have a dustbin with cover and a plastic bag lining to throw the masks in.
g. If using cloth masks, wash them at least daily

Poster displayed – How to use hand made face cover / Mask

6. All **areas in the premises** including the following **shall be disinfected** completely using user friendly disinfectant mediums :

a. Entrance Gate of living quarters, office, etc.
b. Canteen
c. Entrance gate of site, bunkers, cabins.

d. Equipments
e. Washroom, toilet, sink, water points etc.
f. Walls / all other surfaces.
g. Contractor shall sanitize their workplaces between shifts.

7. Work places have **a gap of one hour between shifts** and will stagger the lunch breaks of staff, to ensure social distancing.

8. All persons in charge of work places and transport ensure social distancing as per the guidelines issued by Ministry of Health and Family Welfare.

9. **Practice of social distancing** :-
   a. Avoid gatherings such as during meals, work places, etc.
   b. Maintain a safe distance of at least one Metre between you and other people.
   c. Avoid physical contact like handshakes, hand holding or hugs.
   d. Avoid touching surfaces such as table tops, chairs, door handles etc.
   e. Stay in the camp when there is no work.

Sanitization of office	Sanitization of Camp

10. **Large gatherings of 10 or more people to be discouraged**. Seating at least 6 feet away from others on work sites.

11. **Total ban on non-essential visitors at Labour camps**.

12. Hospital / clinics in the nearby areas, which are authorized to treat COVID – 19 patients, were identified and list available at work place all the times.

13. **Transportation**:
    a. For workers coming from outside, special transportation facility are arranged without any dependency on public transport system. These vehicles allowed to work only with 30 – 40 % passenger capacity.
    b. All vehicles and machinery entering the premise disinfected by spray.

20. 5 positive cases COVID-19 during the reporting period July to December 2020.

So far 5 positive cases were reported. All were treated at hospital and now working in good health. Details of the positive cases and their recovery are noted in the table 8.

Table 8: COVID 19 + ve cases and their release

SL. NO	NAME	Designation	Quarantine center	Mode of Transport	DATE OF ARRIVAL	Date of tested Positive	Date of tested Negative and released
1	ABDUL FAZAL	LABOUR	9km Camp	BY ROAD	11-09-2020	19-09-2020	25-09-2020
2	DILWAR HUSSAIN	LABOUR	9km Camp	BY ROAD	11-09-2020	19-09-2020	11-10-2020
3	ASHOK DAS	LABOUR	Mat Camp	BY AIR	15-10-2020	23-10-2020	01-11-2020
4	TARUN MAJHI	ELECTRICIAN	Mat Camp	BY AIR	04-11-2020	12-11-2020	24-11-2020
5	SUMANGAL MANDAL	LABOUR	Mat Camp	BY AIR	08-12-2020	16-12-2020	28-12-2020

5. STATUS OF COMPLIANCE WITH EMP & SAFETY NORMS

21. The Contractor was briefed about the Environmental Management Plan (EMP) which is a part of their contract agreement. The contractor from time to time is being instructed to implement the EMP and submit the compliance reports on regular basis. Monitoring of all work is being carried out by the Environment and Safety Officer of the Contractor on a regular basis. Environmental compliance report of the same is being sent to PIU, PWD and CSC on a monthly basis, which is compiled in the monthly report. Compliances are being monitored through check list provided by the CSC which is updated every month. The Table no.9 is showing below the status report of Environmental Compliance for the reporting period and table no.9for EHS status.

Table 9: Status of Environmental Compliances

(Reporting Format compiled for 6 months)

Improvement and Up gradation of Serchhip to Buarpui Road (MZ 02) (Project - 2 Road in the state of Mizoram)	
Agreement No: PIU/NESRIP/MZ02/CW/2014/3	Name of the Environmental Inspector: Mr. Lalramdina
Contractor : M/s Tantia Constructions Limited	
Date of Contract Agreement : 11-Nov-2014	Name of the Safety Inspector: Mr. Mayank Yadav
Project start date :3-Dec-2014	
Original Date of Completion : 10-Nov-2017	
Contract Period : 36 months	Report for the Period of : July - December , 2020
Extended up to :31-Mar-2021	

Environmental Compliances

S.No.	Description	Status	Remarks
1	Contractor's EMP approved by the Engineer		
2	Environment		
2.1	Sources of materials		
2.1.a	Use of quarry sites and material sources of materials as permitted by the Government during the reporting period	Complied	All operated quarries are having valid permits from the concerned authorities.
2.1.b	Verify suitability and approval by the PIU		Materials are used after acceptable test results.

2.1.c	Submission of documentations of all material sources monthly	Complied	Submitted along with the Monthly Environmental Report
2.2	Air		
2.2.a	Spray water on dry surfaces to reduce dust in the air		Not required due to humidity and continuous rains.
2.2.b	Use of tarpaulins to cover sand and other loose materials when transported in open vehicles	Being complied as and when so required	Need to cover with tarpaulins has not arisen since the ambient air humidity are generally high and also trucks are not fully loaded with sand.
2.2.c	Clean wheels and undercarriages of vehicles while leaving the site	As a part of the regular upkeep of vehicles	Vehicle maintenance team is available at the campsite and taking care of this requirement.
2.2.d	Certificates on vehicular emission of all the vehicles being used in the site	Complied	Statutory requirement as per state traffic police, hence valid certificates of emission are accompanying each vehicle.
2.2.e	Check air quality by PCB approved lab	Complied	Air, Water & Noise tests are being carried out
2.3	Noise		
2.3.a	Plan activities in consultation with Engineer, community to reduce noise level	Complied	At present work is being carried out away from the settlement area, hence when such situation arises activities will be so planned in consultation with the concerned.
1.3.b	Provide information to public about work schedule	Complied	Regular interaction / consultation with the VCP(representative of the villagers) is carried out.
2.3.c	Horns not used, unless essential	Complied	
2.3.d	Minimize the noise by silencers	Complied	Silencers are already installed.
2.3.e	Do not allow workers to an exposure of 80 dBA or above without ear plug	Complied	
2.3.f	Use of Generators KVA from to	Yes	At stone quarries particularly, during operations.
2.3.g	Check Noise level by PCB approved lab	Complied	Monitoring by third party / PCB approved laboratory being done.
2.4	Surface water quality		
2.4.a	Avoid stockpiling of earth, especially during monsoon unless covered by tarpaulin or	Complied	No such piling of earth takes place; spoil accumulated from cutting are disposed off a the disposal site(s)

	plastic sheets		and spread out .
2.4.b	Install temporary silt traps or sedimentation basins along the drainage leading to water bodies	Noted	As such no such situation is encountered. However will be provide, as an when required, at the bottom of the disposal sites.
2.4.c	Store fuel and lubricants away from the drains	Complied	
2.4.d	Check surface water quality by PCB approved lab	Complied	Third part monitoring carried out in PCB approved laboratory.
3	Land Use		
3.a	Has the contractor preserved the topsoil for replacement after construction	Complied	Used in return filling as the work progresses.
3.b	Status of the surface vegetation on the construction site prior to the initiation of the work (Detail report with number of trees cut and initial photographs of the area)	Being done	Photographs kept.
3.c	Compaction of soil	Being done as per technical specifications	Carried out during the rod sub grade work
3.d	New dumping area started	No	Only approved disposal areas are in use.
4	Pollution		
4.a	Spills of oils on the site and on the stream regularly checked	Yes	No spillage noticed, so far
4.b	Necessary measures taken to stop it		Vehicles are regularly checked for leakage of oil / lubricant; drip trays are used underneath the vehicle to avoid spillage on the ground.
4.c	What measures are taken to remove the used engine oils	Yes	The Change Mobil are kept in proper barrels to sent it to reprocess unit at Silchar
4.d	Surface discharges from the camps are to be monitored	Complied	The Change Mobil are caped in proper barrels to sent it to reprocessed unit at Silchar
5	Dumping ground		
5.a	List of dumping grounds	In place	
6	Disruption of agricultural activities	No	
6.a	Any measures taken to	Not	No such situation has arisen, so far.

	minimize the impact on agricultural activities undertaken along the road	encounte red	
6.b	Any loss or damage of agricultural land and crops due to project construction activities	No	No such situation has arisen, so far.
7	Access routes		
7.a	All the access roads inspected for their appropriateness for moving construction equipment.	Yes	In order.
7.b	If found inappropriate, strengthened by the Contractor	Noted	Corrective work carried out, as and when so required.
7.c	Due to the movement of the heavy vehicles, the access road is degraded more than normal use	No	Any degradation of the access road is restored for proper movement of heavy vehicles.
7.d	Contractor repaired the degraded access road	Complied	Being done, as and when so required.
7.e	Access road for the fringe community is used / blocked and alternative route is provided	Yes	Due to low traffic intensity and volume, this was not an issue so far.
7.f	Conduct the work during light traffic	Complied	As it is the traffic movement is very less in the project road, which is under widening.
8	Sand Excavation		
8.a	Whether the sand excavation area was approved by the Engineer.	Yes	Sand is purchased from a third party having valid permit for extraction of sand from river bed.
8.b	Whether contractor has submitted a map indicating the area of planned sand excavation	Yes	Location map of the sand extraction quarry already submitted.
8.c	Whether the royalty payment slips are submitted	Yes	
9	Site Installations		
9.a	Protection of trees for their preservation	Complied	Afforestation against felling of each tree done. Fresh plantation is done as per IEE.
9.b	Whether temporary roads were constructed ?	Yes	Where diversion of road was required.
9.c	Whether environmental friendly waste disposal system properly monitored and executed in the	Complied	Waste disposal sites are located with sufficient clearance with respect to the elements (surface / water

	work sites ?		course) of environment to avoid any possibility of damage.
10	Labour Camps		
10.a	Consult Engineer and fringe community for establishing the temporary office shed, camp and plant	Done	Constructed as per approved locations and after consultation with the concerned VCP.
10.b	Layout to be approved	Done	Layouts of temporary office, camp and installed plant are approved.
10.c	Minimize removal of vegetation and do not allow cutting of trees	Done	Selection of Camp , plant and office locations were done considering aspects which will cause minimum damage to the environment.
10.d	Provide safe drinking water to the camp inhabitants	Complied	Safe drinking water is supplied at the camp locations.
10.e	Sanitation facility to the camp inhabitants	Complied	No open defecation is allowed. Closed toilets with sewerage, septic tank , soak pit etc are provided in all camps.
10.f	Solid waste management practiced in the camps	Complied	Pits at designated locations are provided for disposing of solid wastes within the camp site.
10.g	First aid box	Complied	Available and maintained at all camps and worksites.
10.h	Emergency contact details displayed	Displaye d	In the camp premises.
10.i	Report Engineer and fringe community before vacating the camp after the work	Noted	Not applicable at the moment.
11	Reuse of construction materials	Noted	
12	Homestead Loss		
7.a	Any home stead loss (including loss of trees, ponds, shifting of any other installations)	Not applicabl e	
13	Shifting utility	Not applicabl e	
8.a	Electric Pole	Not applicabl e	
13.b	Water pipeline	Not applicabl e	
14	Drainage from adjacent areas		
14.a	Natural drainage system blocked or disrupted.	Yes	Only under unavoidable circumstances this was so done but

			reinstated to normal drainage on the same way.
14.b	Number of culverts		229 nos
15	Wildlife		
15.a	Sighting of any wildlife	No	No wildlife was seen along the project road alignment, so far
15.b	Hunting by villager	Not noticed	Can't say.
15.c	Hunting by camp labour	No	Never.
15.d	Road kill	Not known	No record / knowledge.
15.e	Awareness	Yes	It is followed as part of a continuous process.
15.f	Posters distributed/ displayed	Yes	
16	Health and Safety		
16.a	Provision of First Aid and medical service available	In place	Hospitals are situated near by the project site and medical assistance is taken , whenever needed.
16.b	Health camp	Done	On 24-Dec-2020
16.c	AIDS awareness	Not Done	Not done during July to December 2020
17	Display Materials		
17.a	Signs like "Only Staff", "Restricted Area" displayed in relevant area	Not required.	Only at the camp premises
12.b	Safety (including traffic signs), notice board is available	In place	Available inside the camp premises.
17.c	Barricades / safety barrier (New)	Complied	Installed as and when required.
17.d	Safety barrier	Complied	Same as above
17.e	Reflective ribbon	Complied	Same as above
18	Statuary clearances		
18.a	Camp (for each camp separately)	Complied	
18.b	HMP (for each separately)	Complied	
18.c	Batching plant (for each separately)	Complied	
18.d	Crusher plant	Complied	
18.e	Quarry	Complied	
18.f	Use and storage of explosives	Complied	
18.g	Storage of fuel, lubricant,	Complied	
18.h	Extraction of ground water (if)	Complied	
18.i	Use of surface water		Water is drawn from natural stream
18.j	Labour license	In place	Copy of License is attached
18.k	Insurance of workers	In place	Copy enclosed

18.l	Other statutory clearances	In place	Copy enclosed
19	Plantation		
19.a	Tree plantation along the hill section (slope) to control soil erosion	Noted	To be carried out after completion of the pavement construction work
20	Fuel storage		At base camp, fuel storage – 20 KL Safety Measures : 1. sand buckets placed near the underground storage tank 2. Smoking is prohibited in the area.
21	PPE		
21.a	Weekly PPE Drill	In place	Through Tool Box Talk
22	Safety		
22.a	Safety Barrier (New in current month)	Installed	Photographs are enclosed
23	Plans at site		
23.a	Environment Management Plan	In place	Under implementation and monitoring.
23.b	Safety Plan	In place	As per site conditions
23.c	Traffic Management Plan		The project road is having very less traffic volume and intensity, however, when such issues arise same are duly taken care of through planning.
24	Training		
24.a	On Health and Safety		During tool box meeting in each camp
24.b	On AIDS		Conducted in camp on 07-Oct-2020
24.c	On Tool Box		Continuous
24.d	On Environment Safeguards		Continuous
24.e	On Safety		Continuous
25	Diesel Generator		Used at stone quarry sites
26	Shifting of utility		
26.a	By PIU		Prior to commencement of the work
26.b	By contractor		Not encountered
27.	Enhancement of cultural properties		If encounter
28	Excavation of road side derbies and disposal		Derbies are disposed at approved dumping sites only
29	Grievance		
29.a	Grievance Redressal Mechanism		No Grievance recorded
29.b	Grievance display board		Provided
30	Registers to be kept at site		
30.a	Material Source		

30.b	Labour		
30.c	Pollution monitoring results		
30.d	Public complaints	Not applicable	No complaints registered during the recorded period.
30.e	PPE issue register	In place	Maintained at every camp site
31	Report submission		
31.a	Environment Monthly Report	Complied	Submitted every month
31.b	Monthly Safety Report	Complied	Submitted every month
32	Claim under IPC from Environmental budget (item 9)		39,03,465.152/-
33	Environment Officer	Deployed	Attendance – 123 days present
34	Safety Officer	Deployed	Attendance – 92 days present

Table 10: EHS Status from July to December 2020

Manpower

S No.	Description	For July-December 2020	Remarks
1	Average daily manpower engaged during the period	82	
2	Working hours per head	8	
3	Total man-hours worked during this period	1,19,767	

Reportable Accidents

S No.	Description	For July-December 2020	Remarks
1	No. of fatalities	0	
2	No. of major LTIs	0	
3	No. of minor LTIs	0	
4	Total nos. of LTIs	0	
5	No. of first aid cases	3	Minor injury
6	No.of medical treatment cases	5	Including First aid cases

Incidents Data

S No.	Description	For July-December 2020	Remarks
1	No. of vehicle incidents	0	
2	No. of fire incidents	0	

3	No. of property damage	0	
4	No. of environment related incidents	0	
5	Nos. of man-days lost	0	
6	Last LTI date	-	
7	Safe man-hours after last LTI	-	
8	Incident Rate of FAC [(Nos. of FAC X 1000) / Average nos. of workmen]	0	
9	Frequency Rate [(Total nos. of reportable LTIs X 1000000) / Total man-hours worked]	0	
10	Severity Rate [(Nos. of man-days lost due to reportable LTIs X 1000000) / Total man-hours worked]	0	

Training

S No.	Description	For July-December 2020	Remarks
7	No. of Tool Box meetings conducted	6	
8	Nos. of persons participated in the Tool Box meetings	51	
9	No. of Safety meetings and conducted by	3	By Safety Officer
10	Nos. of training / awareness campaign and conducted by	0	Health and AIDS

6. ENVIRONMENTAL MONITORING

22. Besides regular on-site monitoring for the implementation of Environmental Management Plan, air quality, water quality and noise levels are required to be monitored to check any adverse impact due to construction activities and to ensure that plants and machineries working on project do not pollute the surrounding environment. The Contractors is required to hire the services of environmental monitoring laboratories; accredited by NABL /MOEF&CC to monitor the environmental parameters like air, noise and water quality parameters as per the agreed Environmental Monitoring Plan. Results of the Test of ambient environment are shown in Table 11, 12 and 13.

Table 11 : Monitoring of Air Quality

Sampling Station	Date of testing	PM 10(µg / m^3)	PM 2.5(µg / m^3)	SO2 (µg / m^3)	NOs (µg / m^3)	CO (µg/ m^3)	Remarks
Limits as per Gazette Notification dtd.18-Nov-2009		80	80	100	60	04	
12 Km Mat river base camp (Serchhip-Thenzawl) Lat 23° 18' 507" Long 92° 48' 559"	Dec 2020	30	20	12	08	0	Within permissible limits
21 Km Camp Part – II (Thenzawl-Buarpui Rd.) Lat 23° 18 332" Long 92° 41' 037"	Dec 2020	39	22	11	9	0	Within permissible limits

Table 12 : Monitoring of Water Quality

Test date – December, 2020

Sample	**°C**	**pH**	**Turbidity (NTU)**	**TDS** mg/l	**DO mg/l**	**Hardness mg/l**	**F mg/l**	**NO_3 mg/l**	**SO_4 mg/l**	**Fe mg/l**	**TC**
Threshold limits as per IS:10500,2012	-	6.5-8.5	5	500	-	600	1.5	45	400	0.3	Not detectable in 100 ml sample
Inside Mat river Camp	21.3	7.5	4.6	42.1	5.4	55.9	Not detected	14	42	Not detected	Not detected
Inside 21 Km Camp (Part II)	22.7	7.9	7.2	115.1	5.7	53.1	Not detected	22	49	Not detected	Not detected

Table 13 : Monitoring of Noise Level

Sample Locations	**Reading Sept, 2020** dbA	**Reading Dec, 2020** dbA	**Remarks**
Mat Base Camp	57.5	65.2	Within permissible limit
9 Km Base camp	60.9	58.5	Within permissible limit
21 Km Buarpui	69.75	70.2	Within permissible limit
Standard Commercial Zone CPCB	64-54 db		
Standard Residential Zone	56-60 db		

7. Status of Compliance with Safeguards Loan Covenants

23. `The schedule-5 of this Loan Agreement (Loan Number 3073-IND) provides the details of safeguards related to implementation and the reporting requirements. The PIU, PWD Mizoram is making best efforts to comply with all the requirements and obligations included in the Loan Agreement. The status of compliances with the safeguards loan covenants are given in the Table-14.

Table 14-Status of Compliances with respect to the Safeguards Loan Covenants

Safeguards Covenants	Description	Status of Compliance/ Remarks
Schedule 5 Para 4	The Borrower shall cause the relevant Project Executing Agency to ensure that the preparation, design, construction, implementation and operation of each Sub project comply with (i) all applicable laws and regulations of the Borrower and the relevant State relating to environment, health, and safety; (ii) the Environmental Safeguards; (iii) the EARF ;and (iv) all measures and requirements set forth in the relevant IEE and EMP, and any corrective or preventative actions set forth in a Safeguards Monitoring Report.	Being Complied
Schedule 5 Para 8	<u>Human and Financial Resources to Implement Safeguards Requirements</u> The Borrower shall cause the relevant Project Executing Agency to ensure that all necessary budgetary and human resources to fully implement the EMPs, the RPs and the IPPs as required, are made available. Each Project Executing Agency shall designate at least one expert to supervise implementation of the EMPs and RPs for the Subprojects in its State.	Being Complied
Schedule 5 Para 9	<u>Safeguards – Related Provisions in Bidding Documents and Works Contracts</u> The Borrower shall cause the relevant Project	Safeguards related provisions included in the bidding documents and

Safeguards Covenants	Description	Status of Compliance/ Remarks
	Executing Agency to ensure that all bidding documents and contracts for Works contain provisions that require contractors to:	works contract.
	(a) comply with the measures and requirements relevant to the contractor set forth in the relevant IEE, EMP, RP and IPP (to the extent they concern impacts on affected people during construction), and any corrective or preventative actions set out in a Safeguards Monitoring Report;	a) Requirements are being complied
	(b) make available a budget for all such environmental and social measures;	b) are being complied
	(c) provide the Project Executing Agency with a written notice of any unanticipated environmental, resettlement or indigenous peoples risks or impacts that arise during construction, implementation or operation of the Project that were not considered in the relevant IEE, EMP, RP or IPP;	c) Shall be complied with if situation so arises.
	(d) adequately record the condition of roads, agricultural land and other infrastructure prior to starting to transport materials and construction; and	d) Complied
	(e) fully reinstate pathways, other local infrastructure, and agricultural land to at least their pre-project condition upon the completion of construction.	e) will be restored as practicable after completion of the project
Schedule 5 Para 10	<u>Safeguards Monitoring and Reporting</u> The Borrower shall cause the Project Executing Agencies to ensure the following:	Being complied
	(a) submit semi-annual Safeguards Monitoring Reports to ADB and disclose relevant information from such reports to the affected persons promptly upon submission;	Being complied

Safeguards Covenants	Description	Status of Compliance/ Remarks
	(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 any 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; (c) no later than three months from the commencement of RP implementation of the first Subproject, engage qualified and experienced external experts or qualified non-governmental organizations under a selection process and terms of reference acceptable to ADB, to verify information produced through the project monitoring process for resettlement, environment and indigenous peoples (if any), and facilitate the carrying out of any verification activities by such external experts; and (d) report any breach of compliance with the measures and requirements set forth in any EMP, RP or IPP promptly after becoming aware of the breach.	Being complied Being complied
Schedule 5 Para 11	<u>Prohibited List of Investments</u> The Borrower shall cause the Project Executing Agencies 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 the Safeguards Policy Statement.	EA to ensure that no part of the Loan under the project shall be used to finance any activity included in the list of prohibited investment activities provided in Appendix 5 of ADB's Safeguards Policy Statement 2009.

Safeguards Covenants	Description	Status of Compliance/ Remarks
Schedule 5 Para 12	Labor Standards The Borrower shall cause the Project Executing Agencies to ensure that the 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.	Being complied

8. Public Consultations and Grievance Redressed

24. Informal consultations are being held regularly with the local people, village chiefs and affected people in the project area including with relevant government agencies. PIU on regular basis is guiding contractor and CSC to ensure that the following issues are addressed with utmost care and priority:

- Controlled construction activities in settlement locations;
- Safety issues related to traffic diversion;
- Environment Health and Safety related aspects.

In general the local residents are supporting the project and happy with the construction of the road. No formal public consultation done during the period July to December 2020. Public consultation should be carried out in the next reporting period.

25. The project specific grievance redress committee (GRC) was established since March 2014 (Annexure -19) to address concerns and grievances of the local communities and affected parties pertaining to resettlement benefits, compensation, and relocation issues. No grievance has been received during this reporting period from public regarding any environmental safeguards issue.

9. Conclusion and Recommendations

26. In order to have a sustainable development in the project the emphasis on the implementation of EMP has been given topmost priority. Contractors are implementing mitigation measures provided in civil work contract; however, there is scope for further improvement in areas like personnel safety equipment use by workers, safety provisions for traffic, debris / construction waste disposal, camp site management etc. The contractors assured that they will try their level best to comply with the suggestions given by CSCs /PIU from time to time for better implementation of EMPs. The contractor will arrange AIDS awareness camp and also arrange public consultation in the next reporting period.

27. The implementations of the project have not led to any impact on any component of environment and is contributing for the development of region as expected during planning and implementation stage.

: ANNEXURES :

Annexure 1. Nomination of Environment Safeguards Specialists by PIU

Project Director, ADB
Project Implementation Unit
Public Works Department
Tuikhuah Tlang
Mizoram:Aizawl – 796001.

Phone No. :0389 - 2326205(O)
Fax No. :0389-2323347
E-mail : piupwdadb@gmail.com
Post/Fax Copy only

GOVERNMENT OF MIZORAM
OFFICE OF THE PROJECT DIRECTOR, ADB, PIU, PWD, MIZORAM, AIZAWL
No.NESRIP-02/ADB/PIU-49/2015/44A **Dated Aizawl the 27th September, 2017**

To,

Country Director,
Indian Resident Mission (INRM), ADB
4 San Martin Marg, Chanakyapuri,
New Delhi – 110021, India
Tel: +91 11 2410 7200

Subject: **Nomination of Safeguard Specialist for Environmental Issues**

Dear Sir,

I have the honour to nominate Mr.C.Lalramdina, Junior Engineer, PIU(ADB) as the Safeguard Specialist for Environmental Issues for ADB assisted Improvement & Upgradation of Serchhip to Buarpui Road, Mizoram.

This is as per instruction of the Project Director (ADB), PIU, PWD.

Yours faithfully,

(S.R. LALRAMTHANGA)
Sr.Assistant Engineer
for Project Director, ADB
Project Implementation Unit, PWD
Aizawl, Mizoram

Memo No.NESRIP-02/ADB/PIU-49/2015/44A 'A' **Dated Aizawl the 27th September, 2017**

Copy to:

1. Mr. Anil K. Motwani, Team Leader (Transport), INRM for information.
2. Mr. Arun Mahajan, Staff Consultant (Project Management and Contract Specialist)- Transport, INRM for information.
3. Mr. Jagir Kumar, Senior Project Officer (Transport), INRM for information.

Sr.Assistant Engineer
for Project Director, ADB
Project Implementation Unit, PWD
Aizawl, Mizoram

ANNEXURE-2: Copy of Consent to Operate from MPCB upto 3rd March 2028 for Crusher Plant, Batching Plant, Sand Washing Plant & Hot Mix Plant: At (Serchip Buarpui Road)

OFFICE OF THE MIZORAM STATE POLLUTION CONTROL BOARD
AIZAWL : MIZORAM

CONSENT CERTIFICATE
(RENEWED)

No.H.88088/Poltn/9 (83)/06-MPCB/213 : Dated Aizawl, the 4th March, 2018
Valid till 3rd March, 2028

CONSENT TO OPERATE granted to **M/S TANTIA CONSTRUCTIONS LIMITED** vide letter No.H.88088/Poltn/9(83)/06-MPCB/124-125 Dated 02.03.2016 for operating **Hot Mix Plant & Concrete Batching Plant, Crusher Plant and Sand Washing Plant at** Serchhip to Buarpui road, Mizoram is hereby **renewed for 10 (ten) years with effect from the date of issue of this certificate** under Section 21 of Air (Prevention & Control of Pollution) Act, 1981 and Section 25/26 of Water (Prevention & Control of Pollution) Act, 1974 with reference to the Application No. TCL/AZL/POL/2017-18/957 dt. 01/03/2018.

The applicant, however, shall pay an annual Consent fee every year before end of March and strictly comply to all other conditions stipulated in the Consent to Establish and Consent to Operate failing which, this certificate is liable to be cancelled.

ORANGE CATEGORY

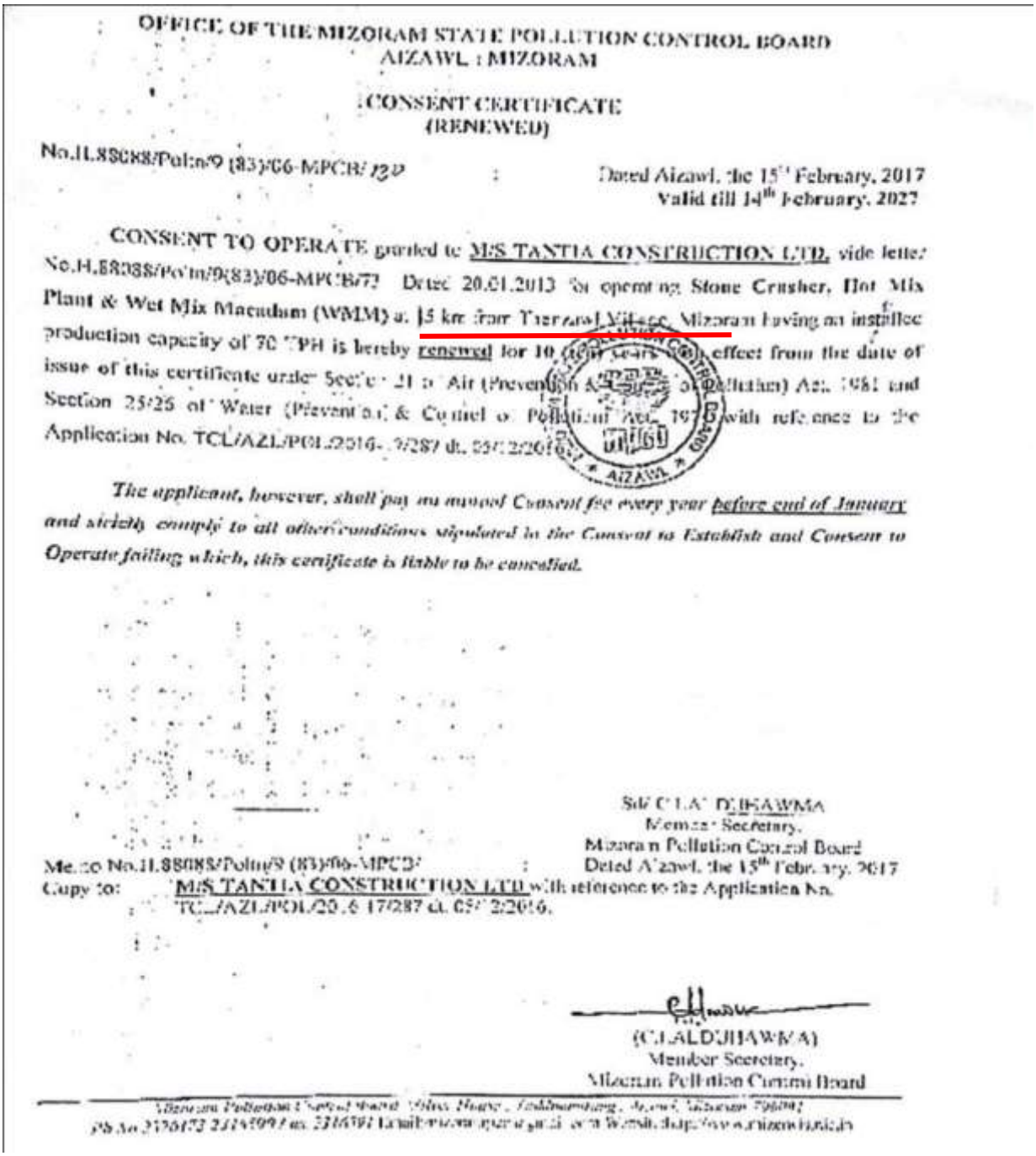
Sd/-C.LALDUHAWMA
Member Secretary,
Mizoram Pollution Control Board

Memo No.H.88088/Poltn/9 (83)/06-MPCB/ : Dated Aizawl, the 4th March, 2018
Copy to: **M/S TANTIA CONSTRUCTIONS LIMITED** with reference to the Application No. TCL/AZL/POL/2017-18/957 dt. 01/03/2018.

(C.LALDUHAWMA)
Member Secretary,
Mizoram Pollution Control Board

Mizoram State Pollution Control Board, New Secretariat Complex, Thlanmual Peng, Khatla, Aizawl, Mizoram-796001
Ph No 2326171/2316590 Fax 2316591 Email mpcb@mizoram.gov.in Website http://www.mizenvis.nic.in

ANNEXURE-3: Copy of Consent to Operate from MPCB upto 14th February 2027 for Crusher Plant, Batching Plant, Sand Washing Plant & Hot Mix Plant: (Sub Base Camp):



OFFICE OF THE MIZORAM STATE POLLUTION CONTROL BOARD
AIZAWL : MIZORAM

CONSENT CERTIFICATE
(RENEWED)

No.H.88088/Poltn/9 (83)/06-MPCB/ 120 : Dated Aizawl, the 15th February, 2017
Valid till 14th February, 2027

CONSENT TO OPERATE granted to **M/S TANTIA CONSTRUCTION LTD.** vide letter No.H.88088/Poltn/9(83)/06-MPCB/73 Dated 20.01.2013 for operating **Stone Crusher, Hot Mix Plant & Wet Mix Macadam (WMM)** at 15 km from Thenzawl Village, Mizoram having an installed production capacity of 70 TPH is hereby **renewed** for 10 (ten) years with effect from the date of issue of this certificate under Section 21 of Air (Prevention & Control of Pollution) Act, 1981 and Section 25/26 of Water (Prevention & Control of Pollution) Act, 1974 with reference to the Application No. TCL/AZL/POL/2016-17/287 dt. 05/12/2016.

The applicant, however, shall pay an annual Consent fee every year before end of January and strictly comply to all other conditions stipulated in the Consent to Establish and Consent to Operate failing which, this certificate is liable to be cancelled.

Sd/ C.LALDUHAWMA
Member Secretary,
Mizoram Pollution Control Board

Memo No.H.88088/Poltn/9 (83)/06-MPCB/ : Dated Aizawl, the 15th February, 2017
Copy to: **M/S TANTIA CONSTRUCTION LTD** with reference to the Application No. TCL/AZL/POL/2016-17/287 dt. 05/12/2016.

(C.LALDUHAWMA)
Member Secretary,
Mizoram Pollution Control Board

Mizoram Pollution Control Board, Vikas House, Tuddinamtang, Aizawl, Mizoram 796001
Ph No 2326173 2316599 / fax 2316591 Email: mizoram@gmail.com Website: http://www.mizoram.nic.in

ANNEXURE-4: Copy of Consent to Operate from MPCB for Hume Pipe Factory (Sub Base Camp) Valid upto13th November 2033.

OFFICE OF THE MIZORAM STATE POLLUTION CONTROL BOARD
AIZAWL : MIZORAM

CONSENT CERTIFICATE
(RENEWED)

No.H.88088/Poltn/9 (83)/06-MPCB/ 232 : Dated Aizawl, the 14th November, 2018
Valid till 13th November, 2033

CONSENT TO OPERATE granted to **M/S TANTIA CONSTRUCTIONS LIMITED** vide letter No.H.88088/Poltn/9(83)/06-MPCB/93-94 Dated 21.11.2014 for operating **Hume Pipe Making Industry** at 15 kms from Thenzawl village, Mizoram is hereby **renewed for 15 (ten) years with effect from the date of issue of this certificate** under Section 21 of Air (Prevention & Control of Pollution) Act, 1981 and Section 25/26 of Water (Prevention & Control of Pollution) Act, 1974 with reference to the Application No. TCL/AZL/POL/2018-19/1379 dt. 29/10/2018.

The applicant, however, shall pay an annual Consent fee every year before end of March and strictly comply to all other conditions stipulated in the Consent to Establish and Consent to Operate failing which, this certificate is liable to be cancelled.

GREEN CATEGORY

Sd/-C.LALDUHAWMA
Member Secretary,
Mizoram Pollution Control Board

Memo No.H.88088/Poltn/9 (83)/06-MPCB/ : Dated Aizawl, the 14th November, 2018
Copy to: **M/S TANTIA CONSTRUCTIONS LIMITED** with reference to the Application No. TCL/AZL/POL/2018-19/1379 dt. 29/10/2018.

(C.LALDUHAWMA)
Member Secretary,
Mizoram Pollution Control Board

Mizoram State Pollution Control Board, New Secretariat Complex, Thlanmual Peng, Khatla, Aizawl, Mizoram-796001
Ph.No.2336173/2336590 Fax:2336591 Email:mpcb@mizoram.gov.in Website:http://www.mizenvis.nic.in

ANNEXURE-5: Copy of Consent to Operate from MPCB for Crusher Plant (9 km Part 2 Sub Base Camp) Valid upto13th November 2028:

(SMALL ENTP)

OFFICE OF THE MIZORAM STATE POLLUTION CONTROL BOARD
AIZAWL : MIZORAM

CONSENT TO OPERATE

No.H.88088/Poltn/9(83)/06-MPCB/233-234 : Dated Aizawl, the 14th November, 2018
Valid till 13th November, 2028

CONSENT TO OPERATE is hereby granted to **M/S TANTIA CONSTRUCTIONS LIMITED** for operating **Stone Crusher at 9 km from Thenzawl – Buarpui road,** Mizoram under Section 21 of Air (Prevention & Control of Pollution) Act, 1981 as amended and Section 25/26 of Water (Prevention & Control of Pollution) Act, 1974 as amended with reference to the application No. TCL/AZL/Consent/2017-18/898 Dt.19.02.2018 and subsequent correspondence under the following terms and conditions: -

(1) The applicant shall make an application for **renewal of Consent** at least 30 days before the date of expiry of this consent.

(2). The industry would immediately submit the revised application for consent to this Board in the event any change in the raw material, process, pollution control equipments, or increase in production, rate of emission, rate of waste water discharge etc.

(3). The existing control equipment, if any shall only be altered or replaced in accordance with the directions of the Board.

(4). A good housekeeping shall be maintained both within the factory and in the premises. All hoods, pipes, valves shall be leak proof.

(5). An inspection book shall be opened and made available to the Board's Officers during their visit to the factory.

(6). The applicant shall comply with and carry out directives /order issued by the Board in this **Consent Order** in addition to that of **No Objection Certificate** and at all subsequent times without any negligence on his part. The applicant shall be liable for such legal action against him as per provisions of the Law /Act in case of non-compliance of any order/ directive issued at any time and/or violation of the terms and conditions of this consent order.

(7). Where in any Air pollution control area the emission of any air pollutant in to the atmosphere in excess of the standards laid down by the Board occurs or is apprehended to occur due to accident or other unforeseen act or event, the person in charge of the premises from where such emission occurs or is apprehended to occur shall forthwith intimate the fact of such occurrence or the apprehension of such occurrence to this Board, telegraphically under intimation to the District Health Officer.

(8). In case of such episodic discharges/emissions mentioned above the industry should take immediate action to bring down the emission below the limits prescribed in the No Objection Certificate.

(9). This consent does not authorize or approve the construction of any physical structure or facilities or the undertaking of any work in any natural watercourse.

(10). The applicant shall furnish to the visiting officer and /or the Board any information regarding the constructions, installation or operation of the Air Pollution Control equipment system and such other particulars as may be pertinent to prevention and control of pollution of air.

ORANGE CATEGORY

ANNEXURE-6: Copy of Consent to Operate from MPCB for Crusher Plant, HMP & Sand Washing Plant (21km Part 2Sub Base Camp) Valid upto 26th August 2028:

(SMALL ENTP)

OFFICE OF THE MIZORAM STATE POLLUTION CONTROL BOARD
AIZAWL : MIZORAM

CONSENT TO OPERATE

No.H.88088/Poltn/9(83)/06-MPCB/224-225. : Dated Aizawl, the 27th August, 2018
Valid till 26th August, 2028

CONSENT TO OPERATE is hereby granted to **M/S TANTIA CONSTRUCTIONS LIMITED** for operating **Stone Crusher, Hot Mix Plant and Sand Washing Plant at 21 km from Thenzawl – Buarpui road,** Mizoram under Section 21 of Air (Prevention & Control of Pollution) Act, 1981 as amended and Section 25/26 of Water (Prevention & Control of Pollution) Act, 1974 as amended with reference to the application No. TCL/AZL/Conscent/2017-18/958 Dt.01.08.2018 and subsequent correspondence under the following terms and conditions: -

(1) The applicant shall make an application for **renewal of Consent** at least 30 days before the date of expiry of this consent.

(2). The industry would immediately submit the revised application for consent to this Board in the event any change in the raw material, process, pollution control equipments, or increase in production, rate of emission, rate of waste water discharge etc.

(3). The existing control equipment, if any shall only be altered or replaced in accordance with the directions of the Board.

(4). A good housekeeping shall be maintained both within the factory and in the premises. All hoods, pipes, valves shall be leak proof.

(5). An inspection book shall be opened and made available to the Board's Officers during their visit to the factory.

(6). The applicant shall comply with and carry out directives /order issued by the Board in this **Consent Order** in addition to that of **No Objection Certificate** and at all subsequent times without any negligence on his part. The applicant shall be liable for such legal action against him as per provisions of the Law/Act in case of non-compliance of any order/ directive issued at any time and/or violation of the terms and conditions of this consent order.

(7). Where in any Air pollution control area the emission of any air pollutant in to the atmosphere in excess of the standards laid down by the Board occurs or is apprehended to occur due to accident or other unforeseen act or event, the person in charge of the premises from where such emission occurs or is apprehended to occur shall forthwith intimate the fact of such occurrence or the apprehension of such occurrence to this Board, telegraphically under intimation to the District Health Officer.

(8). In case of such episodic discharges/emissions mentioned above the industry should take immediate action to bring down the emission below the limits prescribed in the No Objection Certificate.

(9). This consent does not authorize or approve the construction of any physical structure or facilities or the undertaking of any work in any natural watercourse.

(10). The applicant shall furnish to the visiting officer and /or the Board any information regarding the constructions, installation or operation of the Air Pollution Control equipment system and such other particulars as may be pertinent to prevention and control of pollution of air.

ANNEXURE-7: Copy of Explosive License valid upto 31st March 2022:

भारत सरकार | Government of India
वाणिज्य और उद्योग मंत्रालय | Ministry of Commerce & Industry
पेट्रोलियम तथा विस्फोटक सुरक्षा संगठन (पेसो) | Petroleum & Explosives Safety Organisation (PESO)
पूर्व नाम- विस्फोटक विभाग | Formerly- Department of Explosives
घर क्रमांक- २१६, दूसरी मंजिल, IDBI बैंक के ऊपर, चांदमारी | House No. 216, 2nd Floor, above IDBI, Chandmari,
गुवाहाटी, आसाम -७८१०२१ गुवाहाटी | Guwahati, Assam Guwahati 781021
फोन (Phone):- 2652783 | फैक्स (Fax):- 2652503
ई-मेल Email: dycceguwahati@explosives.gov.in

संख्या (No.): E/EC/MZ/22/34(E38508)
दिनांक (Date): 31/05/2019

सेवा में | To,

M/s Tantia Constructions Ltd,
25/27 N S Road, 1st Floor, Kolkata-700001, Town/Village.- Kolkata
District-KOLKATA. State-West Bengal, Pincode - 700001

31 MAY 2019

विषय :
Survey No(s).VCP Pass No.115, ग्राम Village-Sailam, जिला AIZAWL, राज्य Mizoram में विस्फोटक के मैगजीन में उपयोग के लिए कब्जा हेतु विस्फोटक नियम, 2008 के अंतर्गत LE-3 में जारी अनुज्ञप्ति सं E/EC/MZ/22/34(E38508) के नवीनीकरण संदर्भ में।

Subject:
Possession for Use of of Explosives from magazine situated at Survey No(s).:VCP Pass No.115, Village-Sailam, Dist. AIZAWL, Mizoram - Licence No.: E/EC/MZ/22/34(E38508) granted in Form LE-3 of Explosives Rules, 2008 - Renewal regarding

महोदय | Sir,

आपका उपर्युक्त विषय पर पत्र संख्या Nil दिनांक 27/02/2019 का संदर्भ ग्रहण करें। विस्फोटक नियम, 2008 के अंतर्गत प्ररूप LE-3 में जारी अनुज्ञप्ति दिनांक **31/3/2022** तक नवीनीकृत कर इस पत्र के साथ भेजी जा रही है।
Reference to your letter No.: Nil dated: 27/02/2019, the subject licence duly renewed upto **31/3/2022** and issued in Form LE-3 of Explosives Rules, 2008 is forwarded herewith.

अनुज्ञप्ति के आगामी नवीकरण हेतु कृपया निम्नलिखित दस्तावेज दिनांक **31/03/ 2022** से पहले **इस कार्यालय** को भेजे जाएं.
For further renewal of licence, please submit the following documents so as to reach **this office** on or before **31/3/2022**.

- प्ररूप आरई-1 में विधिवत पूर्ण एवं हस्ताक्षरित आवेदन।
  Application in Form RE-1 duly filled in and signed.
- एक से पाँच वर्ष के अनुज्ञप्ति शुल्क का बैंक ड्राफ्ट। बैंक ड्राफ्ट किसी भी राष्ट्रीयकृत बैंक के नाम आहरित, संयुक्त **मुख्य विस्फोटक नियंत्रक, कोलकाता** के पक्ष में **कोलकाता** में देय हो ।
  Licence fees for one to five years in the form of demand draft drawn on any Nationalized Bank in favour of **Jt. Chief Controller of Explosives, Kolkata** payable at **Kolkata**.
- अनुमोदित प्लान के साथ मूल अनुज्ञप्ति।
  Original licence with approved plan.
- कृपया इस संबंध में विस्फोटक नियम, 2008 के नियम 112 का भी संदर्भ ग्रहण करें।
  In this connection, please also refer to Rule 112 of Explosives Rules, 2008.
- विस्फोटकों के क्रय हेतु आरई-11 में मांगपत्र (इंडेंट) आपूर्तिकर्ता को दिया जाए और उसी की एक प्रति इस कार्यालय को भेजी जाएं (आतिशबाजी गोदाम के लिए लागू नही)।
  Indent for purchase of explosives shall be placed in RE-11 with the supplier and copy of the same shall be sent to this office.(Not applicable for fireworks store house)
- कृपया विस्फोटकों की त्रैमासीक विवरणी हर तिमाही के अंत में आरई-7 में प्रस्तुत की जाएं । विवरणी इस कार्यालय के कार्यालय में आगामी तिमाही के 10 तारीख से पहले पहुंच जानी चाहिए (आतिशबाजी गोदाम के लिए लागू नही) । Please submit quarterly returns of explosives in RE-7 at the end of every quarter so as to reach this office by 10th of the succeeding quarter.(Not applicable for fireworks store house)
- सभी ब्लास्टिंग आपरेशन एक सक्षम द्वारा की जाएगी जो उपरोक्त नियमों के तहत एक वैध शॉट फायर प्रमाणपत्र धारक हो। हालांकि, खान अधिनियम 1952 के अधीन आने वाले खानों में ब्लास्टिंग आपरेशन करने वाले ब्लास्टर की योग्यता उसी अधिनियम से निर्धारित हो।
  All blasting operations shall be carried out by a competent person holding a valid shot firer's permit granted under above rules. However, blasting operations in mines coming under the purview of the Mines Act 1952, the blaster shall have qualifications prescribed in the regulations framed under the said Act.

भवदीय | Your's faithfully,

31/5/19

(डा. एम.आइ.जेड.अन्सारी | Dr. M.I.Z.Ansari)
उप मुख्य विस्फोटक नियंत्रक | Deputy Chief Controller of Explosives

उप मुख्य विस्फोटक नियंत्रक
गुवाहाटी

प्रतिलिपि प्रेषित | Copy Forwarded to:
1. जिला मजिस्ट्रेट (District Magistrate), AIZAWL (Mizoram)- सूचना के लिए (for information.)

उप मुख्य विस्फोटक नियंत्रक | Deputy Chief Controller of Explosives
गुवाहाटी | Guwahati

(अधिक जानकारी जैसे आवेदन की स्थिति, शुल्क आदि के लिए हमारी वेबसाइट http://peso.gov.in देखें.)
(For more information regarding status,fees and other details please visit our website http://peso.gov.in)

अनुज्ञप्ति प्ररुप एल. ई.-3 | LICENCE FORM LE-3

(विस्फोटक नियम, 2008 की अनुसूची 4 के भाग 1 के अनुच्छेद 3(क) से (घ) देखिए।)
(See article 3(a) to (d) of Part 1 of Schedule IV of Explosives Rules, 2008)

(ग) उपयोग के लिए एक समय पर वर्ग 1,2,3,4,5 या वर्ग 7 के विस्फोटक या किसी मैगजीन में वर्ग 6 के विस्फोटक रखने के लिए अनुज्ञप्ति
Licence to possess : (c) for use,explosives of class 1, 2,3,4,5,6 or 7 in a magazine

अनुज्ञप्ति सं. (Licence No.) : E/EC/MZ/22/34(E38508)
वार्षिक फीस रुपए (Annual Fee Rs): 2400/-

1. Licence is hereby granted to

M/s Tantia Constructions Ltd (अधिशोगी / Occupier : B.L. Ajitsaria), 25/27 N S Road, 1st Floor, Kolkata-700001, District-KOLKATA, State-West Bengal, Pincode - 700001

को अनुज्ञप्ति अनुदत्त की जाती है।

2. अनुज्ञप्तिधारी की प्रास्थिति | Status of licensee : **Company**

3. अनुज्ञप्ति निम्नलिखित प्रयोजनों के लिए विधिमान्य है। : possess for use of **Nitrate Mixture, Electric Detonators, Detonating Fuse,**
Licence is valid only for the following purpose. - के उपयोग के लिए

4. अनुज्ञप्ति विस्फोटकों के निम्नलिखित किस्मों, प्रकार और मात्रा के लिए विधिमान्य है।
Licence is valid for the following kinds and quantity of explosives: -- (क) (a)

क्र Sr. No.	नाम और विवरण Name and Description	वर्ग और प्रभाग Class & Division	उप-प्रभाग Sub-division	मात्रा किसी एक समय में Quantity at any one time
1.	Nitrate Mixture	2 ,0	0	450 Kg.
2.	Electric Detonators	6 ,3	0	1000 Nos.
3.	Detonating Fuse	6 ,2	0	1500 Mtrs

(ख) किसी एक कलैंडर मास में खरीदे जाने वाले विस्फोटक की मात्रा [अनुच्छेद 3(ख) और (ग) के अधीन अनुज्ञप्ति के लिए] : **10 times as above.**
(b) Quantity of explosives to be purchased in a calendar month[applicable for licence under article 3(b) and (c)] :

5. निम्नलिखित रेखाचित्र (रेखाचित्रों) से अनुज्ञप्त परिसर की पुष्टि होती है। : रेखाचित्र क्र. (Drawing No.) E/EC/MZ/22/34(E38508)
The licensed premises shall conform to the following drawing(s): . दिनांक (Dated) 09/11/2006

6. अनुज्ञप्ति परिसर निम्नलिखित पते पर स्थित हैं। The licensed premises are situated at following address:
Survey No(s). VCP Pass No.115 , ग्राम (Town/Village) : **Village-Sailam**
जिला (District) **AIZAWL** राज्य (State) **Mizoram** पुलिस थाना (Police Station) : **Sialsuk**
दूरभाष (Phone) ई. मेल (E-Mail) पिनकोड (Pincode)
फैक्स (Fax)

7. अनुज्ञप्ति परिसर में निम्नलिखित सुविधाएं अंतर्विष्ट हैं। : **Portable mag. B & S type.**
The licensed premises consist of following facilities.

8. अनुज्ञप्ति समय - समय पर यथासंशोधित विस्फोटक अधिनियम, 1884 और उनके अधीन विरचित विस्फोटक नियम, 2004 के उपबंधो, शर्तों और अतिरिक्त शर्तों और निम्नलिखित उपाबन्धों के अधीन रहते हुए अनुदत्त की जाती है।
The licence is granted subject to the provision of Explosives Act 1884 as amended from time to time and the Explosives Rules, 2008 framed there under and the conditions, additional conditions and the following Annexures.

1. उपर्युक्त क्रम सं. 5 में यथा कथित रेखाचित्र (स्थान, सन्निर्माण संबंधी और अन्य विवरण दर्शित करते हुए)।
Drawings (showing site, constructional and other details) as stated in serial No. 5 above.
2. अनुज्ञप्ति प्राधिकारी द्वारारा हस्ताक्षरित इस अनुज्ञप्ति की शर्तें और अतिरिक्त शर्तें।
Conditions and Additional Conditions of this licence signed by the licensing authority.
3. दूरी प्ररूप DE-2 | Distance Form DE-2.

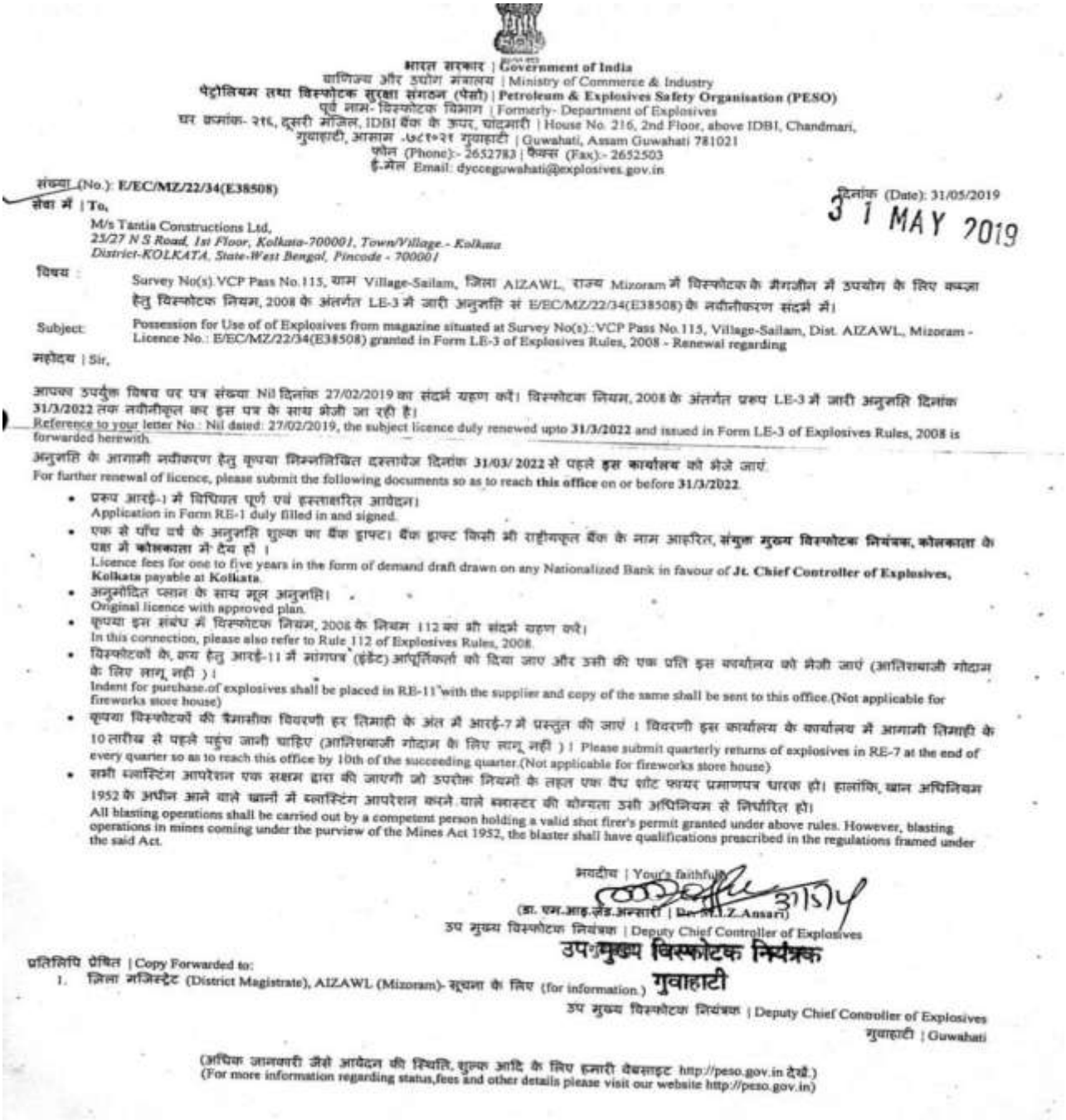
9. यह अनुज्ञप्ति तारीख **31 मार्च 2008** तक विधिमान्य रहेगी। This licence shall remain valid till **31st day of March 2008.**

यह अनुज्ञप्ति, अधिनियम या उसके अधीन विरचित नियमों या अनुसूची V के भाग 4 के प्रति निर्दिष्ट सेट-VII के अधीन तथा उपवर्णित इस अनुज्ञप्ति की शर्तों का अतिक्रमण करने या यदि अनुज्ञप्त परिसर योजना या उससे संलग्न उपबंध में दर्शित विवरण के अनुरूप नहीं पाए जाने पर निलंबित या प्रतिसंहृत की जा सकती है, जहां यह लागू हो।
This licence is liable to be suspended or revoked for any violation of the Act or Rules framed there under or the conditions of this licence as set forth under Set VIII, wherever applicable, referred to in Part 4 of Schedule V or if the licensed premises are not found conforming to the description shown in the plans and Annexure attached hereto.

तारीख | The Date - 09/11/2006

Sd/-
संयुक्त मुख्य विस्फोटक नियंत्रक | **Joint Chief Controller of Explosives**
East Circle office, Kolkata

ANNEXURE-8: Copy of License for carriage of Explosives by Road Van valid upto 31st March 2022:



भारत सरकार | Government of India
वाणिज्य और उद्योग मंत्रालय | Ministry of Commerce & Industry
पेट्रोलियम तथा विस्फोटक सुरक्षा संगठन (पेसो) | Petroleum & Explosives Safety Organisation (PESO)
पूर्व नाम- विस्फोटक विभाग | Formerly- Department of Explosives
घर क्रमांक- २१६, दूसरी मंजिल, IDBI बैंक के ऊपर, चांदमारी | House No. 216, 2nd Floor, above IDBI, Chandmari,
गुवाहाटी, आसाम -७८१०२१ गुवाहाटी | Guwahati, Assam Guwahati 781021
फोन (Phone):- 2652783 | फैक्स (Fax):- 2652503
ई-मेल Email: dycceguwahati@explosives.gov.in

संख्या (No.): E/EC/MZ/22/34(E38508)
दिनांक (Date): 31/05/2019
31 MAY 2019

सेवा में | To,
M/s Tantia Constructions Ltd,
25/27 N S Road, 1st Floor, Kolkata-700001, Town/Village.- Kolkata
District-KOLKATA, State-West Bengal, Pincode - 700001

विषय : Survey No(s).VCP Pass No.115, ग्राम Village-Sailam, जिला AIZAWL, राज्य Mizoram में विस्फोटक के मैगजीन में उपयोग के लिए कब्जा हेतु विस्फोटक नियम, 2008 के अंतर्गत LE-3 में जारी अनुज्ञप्ति सं E/EC/MZ/22/34(E38508) के नवीनीकरण संदर्भ में।

Subject: Possession for Use of of Explosives from magazine situated at Survey No(s).:VCP Pass No.115, Village-Sailam, Dist. AIZAWL, Mizoram - Licence No.: E/EC/MZ/22/34(E38508) granted in Form LE-3 of Explosives Rules, 2008 - Renewal regarding

महोदय | Sir,

आपका उपर्युक्त विषय पर पत्र संख्या Nil दिनांक 27/02/2019 का संदर्भ ग्रहण करें। विस्फोटक नियम, 2008 के अंतर्गत प्ररूप LE-3 में जारी अनुज्ञप्ति दिनांक **31/3/2022** तक नवीनीकृत कर इस पत्र के साथ भेजी जा रही है।
Reference to your letter No.: Nil dated: 27/02/2019, the subject licence duly renewed upto **31/3/2022** and issued in Form LE-3 of Explosives Rules, 2008 is forwarded herewith.

अनुज्ञप्ति के आगामी नवीकरण हेतु कृपया निम्नलिखित दस्तावेज दिनांक **31/03/2022** से पहले **इस कार्यालय** को भेजे जाएं.
For further renewal of licence, please submit the following documents so as to reach **this office** on or before **31/3/2022**.

- प्ररूप आरई-1 में विधिवत पूर्ण एवं हस्ताक्षरित आवेदन।
  Application in Form RE-1 duly filled in and signed.
- एक से पाँच वर्ष के अनुज्ञप्ति शुल्क का बैंक ड्राफ्ट। बैंक ड्राफ्ट किसी भी राष्ट्रीयकृत बैंक के नाम आहरित, संयुक्त **मुख्य विस्फोटक नियंत्रक, कोलकाता** के पक्ष में **कोलकाता** में देय हो ।
  Licence fees for one to five years in the form of demand draft drawn on any Nationalized Bank in favour of **Jt. Chief Controller of Explosives, Kolkata** payable at **Kolkata**.
- अनुमोदित प्लान के साथ मूल अनुज्ञप्ति।
  Original licence with approved plan.
- कृपया इस संबंध में विस्फोटक नियम, 2008 के नियम 112 का भी संदर्भ ग्रहण करें।
  In this connection, please also refer to Rule 112 of Explosives Rules, 2008.
- विस्फोटकों के क्रय हेतु आरई-11 में मांगपत्र (इंडेंट) आपूर्तिकर्ता को दिया जाए और उसी की एक प्रति इस कार्यालय को भेजी जाएं (आतिशबाजी गोदाम के लिए लागू नहीं) ।
  Indent for purchase of explosives shall be placed in RE-11 with the supplier and copy of the same shall be sent to this office.(Not applicable for fireworks store house)
- कृपया विस्फोटकों की वैमासीक विवरणी हर तिमाही के अंत में आरई-7 में प्रस्तुत की जाएं । विवरणी इस कार्यालय के कार्यालय में आगामी तिमाही के 10 तारीख से पहले पहुंच जानी चाहिए (आतिशबाजी गोदाम के लिए लागू नहीं) । Please submit quarterly returns of explosives in RE-7 at the end of every quarter so as to reach this office by 10th of the succeeding quarter.(Not applicable for fireworks store house)
- सभी ब्लास्टिंग आपरेशन एक सक्षम द्वारा की जाएगी जो उपरोक्त नियमों के तहत एक वैध शॉट फायर प्रमाणपत्र धारक हो। हालांकि, खान अधिनियम 1952 के अधीन आने वाले खानों में ब्लास्टिंग आपरेशन करने वाले ब्लास्टर की योग्यता उसी अधिनियम से निर्धारित हो।
  All blasting operations shall be carried out by a competent person holding a valid shot firer's permit granted under above rules. However, blasting operations in mines coming under the purview of the Mines Act 1952, the blaster shall have qualifications prescribed in the regulations framed under the said Act.

भवदीय | Your's faithfully,
(डा. एम.आइ.जेड.अन्सारी | Dr. M.I.Z.Ansari)
उप मुख्य विस्फोटक नियंत्रक | Deputy Chief Controller of Explosives
उपमुख्य विस्फोटक नियंत्रक
गुवाहाटी
उप मुख्य विस्फोटक नियंत्रक | Deputy Chief Controller of Explosives
गुवाहाटी | Guwahati

प्रतिलिपि प्रेषित | Copy Forwarded to:
1. जिला मजिस्ट्रेट (District Magistrate), AIZAWL (Mizoram)- सूचना के लिए (for information.)

(अधिक जानकारी जैसे आवेदन की स्थिति, शुल्क आदि के लिए हमारी वेबसाइट http://peso.gov.in देखें.)
(For more information regarding status,fees and other details please visit our website http://peso.gov.in)

अनुज्ञप्ति प्ररुप एल. ई.-3 | LICENCE FORM LE-3

(विस्फोटक नियम, 2008 की अनुसूची 4 के भाग 1 के अनुच्छेद 3(क) से (घ) देखिए।)
(See article 3(a) to (d) of Part 1 of Schedule IV of Explosives Rules, 2008)

(ग) उपयोग के लिए एक समय पर वर्ग 1,2,3,4,5 या वर्ग 7 के विस्फोटक या किसी मैगजीन में वर्ग 6 के विस्फोटक रखने के लिए अनुज्ञप्ति
Licence to possess : (c) for use,explosives of class 1, 2,3,4,5,6 or 7 in a magazine

अनुज्ञप्ति सं. (Licence No.) : E/EC/MZ/22/34(E38508)
वार्षिक फीस रूपए (Annual Fee Rs): 2400/-

1. Licence is hereby granted to

M/s Tantia Constructions Ltd (अधिभोगी / Occupier : B.L. Ajitsaria), 25/27 N S Road, 1st Floor, Kolkata-700001, District-KOLKATA, State-West Bengal, Pincode - 700001

को अनुज्ञप्ति अनुदत्त की जाती है।

2. अनुज्ञप्तिधारी की प्रास्थिति | Status of licensee : **Company**

3. अनुज्ञप्ति निम्नलिखित प्रयोजनों के लिए विधिमान्य है। : possess for use of **Nitrate Mixture, Electric Detonators, Detonating Fuse,**
Licence is valid only for the following purpose. - के उपयोग के लिए

4. अनुज्ञप्ति विस्फोटकों के निम्नलिखित किस्मों, प्रकार और मात्रा के लिए विधिमान्य है।
Licence is valid for the following kinds and quantity of explosives: -- (क) (a)

क्र Sr. No.	नाम और विवरण Name and Description	वर्ग और प्रभाग Class & Division	उप-प्रभाग Sub-division	मात्रा किसी एक समय में Quantity at any one time
1.	Nitrate Mixture	2 ,0	0	450 Kg.
2.	Electric Detonators	6 ,3	0	1000 Nos.
3.	Detonating Fuse	6 ,2	0	1500 Mtrs

(ख) किसी एक कलैंडर मास में खरीदे जाने वाले विस्फोटक की मात्रा [अनुच्छेद 3(ख) और (ग) के अधीन अनुज्ञप्ति के लिए] : **10 times as above.**
(b) Quantity of explosives to be purchased in a calendar month[applicable for licence under article 3(b) and (c)] :

5. निम्नलिखित रेखाचित्र (रेखाचित्रों) से अनुज्ञप्त परिसर की पुष्टि होती है। रेखाचित्र क्र. (Drawing No.) E/EC/MZ/22/34(E38508)
The licensed premises shall conform to the following drawing(s): . दिनांक (Dated) 09/11/2006

6. अनुज्ञप्ति परिसर निम्नलिखित पते पर स्थित हैं। The licensed premises are situated at following address:
Survey No(s). VCP Pass No.115 , ग्राम (Town/Village) : **Village-Sailam**
जिला (District) **AIZAWL** राज्य (State) **Mizoram** पुलिस थाना (Police Station) : **Sialsuk**
दूरभाष (Phone) ई. मेल (E-Mail) पिनकोड (Pincode)
फैक्स (Fax)

7. अनुज्ञप्ति परिसर में निम्नलिखित सुविधाएं अंतर्विष्ट हैं। : **Portable mag. B & S type.**
The licensed premises consist of following facilities.

8. अनुज्ञप्ति समय – समय पर यथासंशोधित विस्फोटक अधिनियम, 1884 और उनके अधीन विरचित विस्फोटक नियम, 2004 के उपबंधो, शर्तों और अतिरिक्त शर्तों और निम्नलिखित उपाबध्दों के अधीन रहते हुए अनुदत की जाती है।
The licence is granted subject to the provision of Explosives Act 1884 as amended from time to time and the Explosives Rules, 2008 framed there under and the conditions, additional conditions and the following Annexures.

1. उपर्युक्त क्रम सं. 5 में यथा कथित रेखाचित्र (स्थान, सन्निर्माण संबंधी और अन्य विवरण दर्शित करते हुए)।
Drawings (showing site, constructional and other details) as stated in serial No. 5 above.
2. अनुज्ञप्ति प्राधिकारी व्दारा हस्ता.क्षरित इस अनुज्ञप्ति की शर्तें और अतिरिक्ति शर्तें।
Conditions and Additional Conditions of this licence signed by the licensing authority.
3. दूरी प्ररूप DE-2 | Distance Form DE-2.

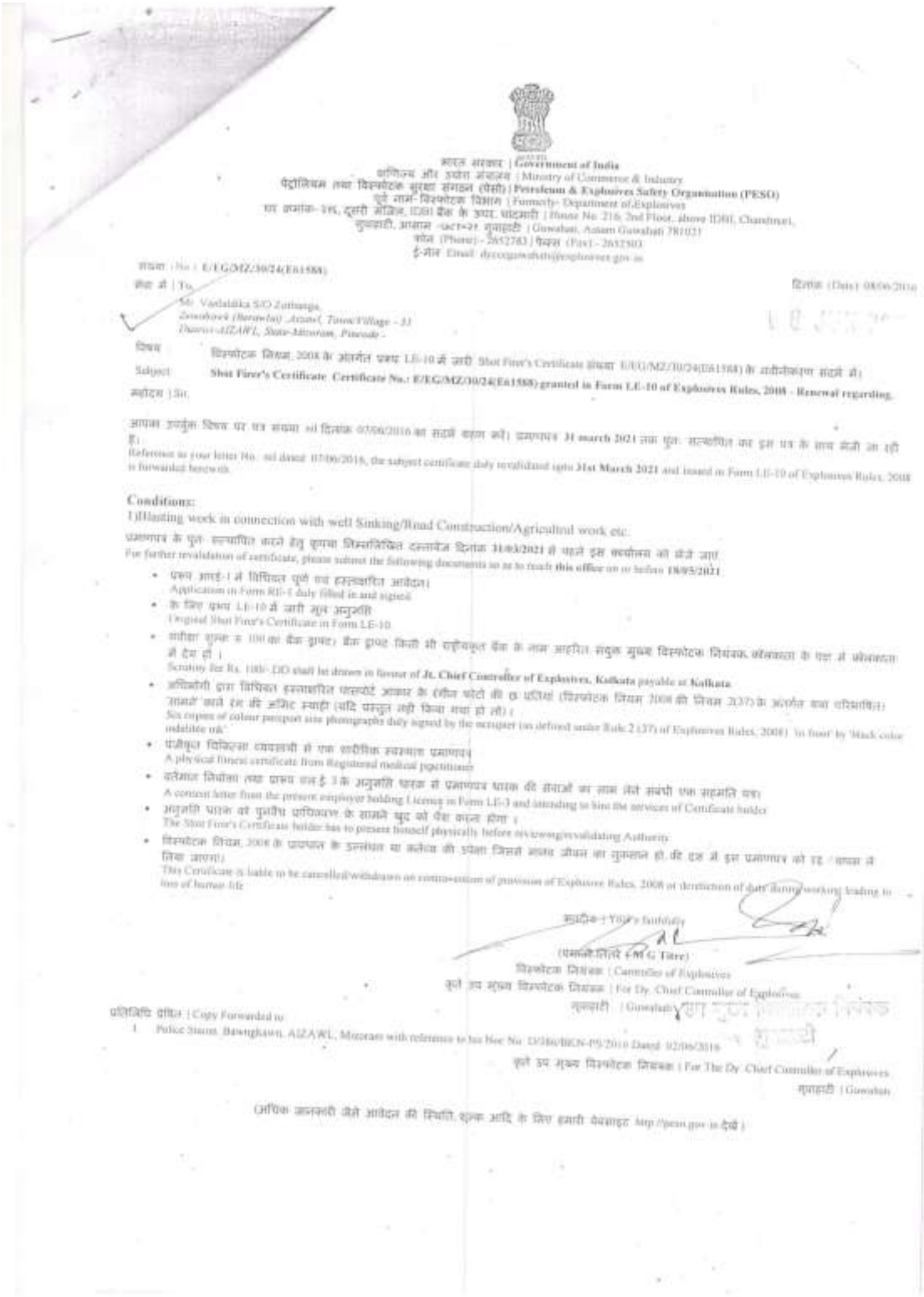
9. यह अनुज्ञप्ति तारीख **31 मार्च 2008** तक विधिमान्य रहेगी। This licence shall remain valid till **31st day of March 2008.**

यह अनुज्ञप्ति, अधिनियम या उसके अधीन विरचित नियमों या अनुसूची V के भाग 4 के प्रति निर्दिष्ट सेट-VII के अधीन तथा उपवर्णित इस अनुज्ञप्ति की शर्तों का अधिक्रमण करने या यदि अनुज्ञप्त परिसर योजना या उससे संलग्न उपबंध में दर्शित विवरण के अनुरूप नहीं पाए जाने पर निलंबित या प्रतिसंहृत की जा सकती है, जहां वह लागू हो।
This licence is liable to be suspended or revoked for any violation of the Act or Rules framed there under or the conditions of this licence as set forth under Set VIII, wherever applicable, referred to in Part 4 of Schedule V or if the licensed premises are not found conforming to the description shown in the plans and Annexure attached hereto.

तारीख | The Date - 09/11/2006

Sd/-
संयुक्त मुख्य विस्फोटक नियंत्रक | **Joint Chief Controller of Explosives**
East Circle office, Kolkata

ANNEXURE-9: Copy of Short Firer's Certificate valid upto 31st March 2021.



भारत सरकार | Government of India
वाणिज्य और उद्योग मंत्रालय | Ministry of Commerce & Industry
पेट्रोलियम तथा विस्फोटक सुरक्षा संगठन (पेसो) | Petroleum & Explosives Safety Organisation (PESO)
पूर्व नाम- विस्फोटक विभाग | Formerly- Department of Explosives
दूर प्रभाष- 195, दूसरी मंजिल, IOBI बैंक के ऊपर, चांदमारी | Floor No. 2/6, 2nd Floor, above IOBI, Chandmari,
गुवाहाटी, असम -७८१०२१ गुवाहाटी | Guwahati, Assam Guwahati 781021
फोन (Phone) - 2652783 | फैक्स (Fax) - 2652503
ई-मेल Email: dycoguwahati@explosives.gov.in

संख्या : No : E/EG/MZ/30/24(EA1588)

सेवा में | To,
Sri Vanlalzika S/O Zathanga,
Zemkhawk (Baruwhia) Aizawl, Town/Village - 31
District-AIZAWL, State-Mizoram, Pincode -

दिनांक (Date) 08/06/2016

विषय: विस्फोटक नियम, 2008 के अंतर्गत प्रपत्र LE-10 में जारी Shot Firer's Certificate संख्या E/EG/MZ/30/24(EA1588) के मान्यीकरण संदर्भ में।
Subject: **Shot Firer's Certificate Certificate No.: E/EG/MZ/30/24(EA1588) granted in Form LE-10 of Explosives Rules, 2008 - Renewal regarding.**

महोदय | Sir,

आपका उपर्युक्त विषय पर पत्र संख्या nil दिनांक 07/06/2016 का संदर्भ ग्रहण करें। प्रमाणपत्र **31 march 2021** तक पुनः सत्यापित कर इस पत्र के साथ भेजी जा रही है।
Reference to your letter No. nil dated 07/06/2016, the subject certificate duly revalidated upto **31st March 2021** and issued in Form LE-10 of Explosives Rules, 2008 is forwarded herewith.

Conditions:
1.Blasting work in connection with well Sinking/Road Construction/Agricultral work etc.

प्रमाणपत्र के पुनः सत्यापित करने हेतु कृपया निम्नलिखित दस्तावेज दिनांक **31/03/2021** से पहले इस कार्यालय को भेजे जाए
For further revalidation of certificate, please submit the following documents so as to reach **this office** on or before **18/05/2021**

- प्रपत्र आई-1 में विधिवत पूर्ण एवं हस्ताक्षरित आवेदन।
  Application in Form RE-1 duly filled in and signed.
- के लिए प्रपत्र LE-10 में जारी मूल अनुज्ञप्ति
  Original Shot Firer's Certificate in Form LE-10
- संवीक्षा शुल्क रु 100/- का बैंक ड्राफ्ट। बैंक ड्राफ्ट किसी भी राष्ट्रीयकृत बैंक के नाम आहरित सदृक्ष मुख्य विस्फोटक नियंत्रक, कोलकाता के पक्ष में कोलकाता में देय हो।
  Scrutiny fee Rs. 100/- DD shall be drawn in favour of **Jt. Chief Controller of Explosives, Kolkata** payable at **Kolkata**
- अभिलेखी द्वारा विधिवत हस्ताक्षरित पासपोर्ट आकार के रंगीन फोटो की छ प्रतियां (विस्फोटक नियम 2008 की नियम 2(37) के अंतर्गत यथा परिभाषित) 'साक्षी' करने हेतु और अभिलेख स्थाही (यदि प्रस्तुत नहीं किया गया हो तो)।
  Six copies of colour passport size photographs duly signed by the occupier (as defined under Rule 2 (37) of Explosives Rules, 2008) 'in front' by 'black color indelible ink'
- पंजीकृत चिकित्सा व्यवसायी से एक शारीरिक स्वस्थता प्रमाणपत्र।
  A physical fitness certificate from Registered medical practitioner
- वर्तमान नियोक्ता तथा प्रपत्र एल ई 3 के अनुज्ञप्ति धारक से प्रमाणपत्र धारक की सेवाओं का लाभ लेने संबंधी एक सहमति पत्र।
  A consent letter from the present employer holding Licence in Form LE-3 and intending to hire the services of Certificate holder
- अनुज्ञप्ति धारक को पुनरीक्षण प्राधिकारण के सामने खुद को पेश करना होगा।
  The Shot Firer's Certificate holder has to present himself physically before reviewing/revalidating Authority
- विस्फोटक नियम, 2008 के प्रावधान के उल्लंघन या कर्तव्य की उपेक्षा जिससे मानव जीवन का नुकसान हो, की दशा में इस प्रमाणपत्र को रद्द / वापस ले लिया जाएगा।
  This Certificate is liable to be cancelled/withdrawn on contravention of provision of Explosives Rules, 2008 or dereliction of duty during working leading to loss of human life

सादर | Yours faithfully,

(एम.वी.तिरुपति IAS G Tirpi)
विस्फोटक नियंत्रक | Controller of Explosives
कृते उप मुख्य विस्फोटक नियंत्रक | For Dy. Chief Controller of Explosives
गुवाहाटी | Guwahati

प्रतिलिपि प्रेषित | Copy Forwarded to
1. Police Station, Bawngkawn, AIZAWL, Mizoram with reference to his Noc No. D/386/BKN-PS/2010 Dated: 02/06/2016

कृते उप मुख्य विस्फोटक नियंत्रक | For The Dy. Chief Controller of Explosives
गुवाहाटी | Guwahati

अधिक जानकारी जैसे आवेदन की स्थिति, शुल्क आदि के लिए हमारी वेबसाइट http://peso.gov.in देखें।

अनुसूची फ़ार्म एल.ई.-10 | Form LE-10
शॉट फायरर कर्ता प्रमाण-पत्र | Shot Firer's Certificate
[अनुसूची IV के भाग 1 का अनुच्छेद 10 देखें | See article 10 of Part 1 of Schedule IV)
[विस्फोटक नियम, 2008 का नियम 107(5) देखें | see rule 107(5) of Explosives Rules, 2008]

(खान अधिनियम,1952 के अधीन न आने वाले क्षेत्र में विस्फोट करने के लिए सक्षमता प्रमाणपत्र)
(Certificate of competency to carry out blasting of explosives in area not coming under the Mines Act, 1952)

संख्या | No.: E/EG/MZ/30/24(E61588)

प्रमाणित किया जाता है कि श्री Mr. Vanlalliika S/O Zathanga,
जिसका जन्म 01/03/1982 को हुआ था, जो Zemabawk (Berawlui) ,Aizawl, AIZAWL, Mizoram के निवासी है ने गुवाहाटी शॉट फायर की परीक्षा तारीख को उत्तीर्ण कर ली है और वह विस्फोटक अधिनियम, 1884 और उसके अधीन विरचित नियमों के उपबंधों के अधीन रहते हुए खान अधिनियम,1952की परिधि के अधीन आनेवाले खानों से अन्यथा क्षेत्र में नीचे यथा उल्लिखित विस्फोटकों का उपयोग करते हुए विस्फोट प्रचालन करने के लिए प्राधिकृत है ।
This is to certify that *Shri Mr. Vanlalliika S/O Zathanga,*
born on **01/03/1982** ,resident of **Zemabawk (Berawlui) ,Aizawl, AIZAWL, Mizoram** passed the **shotfirer's examination** held on conducted by **Guwahati** and is authorised to conduct blasting operations as mentioned below using explosives in areas other than mines coming under the purview of the Mines Act 1952, subject to the provisions of the Explosives Act, 1884 and the rules framed thereunder

विस्फोट करने के प्राधिकृत वर्ग, प्रवर्ग और प्रकार :
वर्ग:(ख), श्रेणी: सामान्य जमीन के ऊपर, जमीन के ऊपर ब्लास्टिंग आपरेशन

Authorised class, category and type of blasting :
Class : (B), Category : General aboveground, All phases of aboveground blasting operation

[नियम 107 का उप-नियम (5) का स्पष्टीकरण देखें | See explanation of sub-rule (5) of rule 107]

यह प्रमाणपत्र **18/05/2016** (जारी करने की तारीख से पांच वर्ष) तक विधिमान्य होगा |
This certificate shall remain valid till 18/05/2016 (five years from the date of issue)

यह प्रमाण-पत्र, अधिनियम या उसके अधीन विरचित नियमों अथवा इस प्रमाण-पत्र की शर्तों का कोई अधिक्रमण करने पर या यदि आवेदक द्वारा आवेदन प्रपत्र में दी गई सूचना में कोई फर्क या विचलन होता है तो निलंबित या अभिखंडित कर दिया जाएगा ।
This certificate is liable to be suspended or revoked for any violation of the Act or rules framed thereunder or the conditions of this certificate or if there is any discrepancy or deviation in the information or suppression of facts furnished by the applicant in his application form.

स्थान | Place: गुवाहाटी | Guwahati
दिनांक | Date: 18/05/2011

Sd/-
उप मुख्य विस्फोटक नियंत्रक | Dy. Chief Controller of Explosives
गुवाहाटी | Guwahati

Amendments :
- Change in Postal Address/Purpose/Attached to Magazine dated : 14/01/2016

पुनर्विधिमान्यकरण के लिए पृष्ठांकन
Endorsement for revalidation

पुनर्विधिमान्यकरण की तारीख Date of Revalidation	समाप्ति की तिथि Date of Expiry	अनुज्ञप्ति प्राधिकारी के हस्ताक्षर Signature of licensing authority
08/06/2016	18/05/2021	Dy. Chief Controller of Explosives, Guwahati उप मुख्य विस्फोटक नियंत्रक गुवाहाटी

ANNEXURE 10: Copy of Renewed Labour License obtained from District Labour Employment & Industrial Training. Govt. of Mizoram.

FORM – VIII
(See Sub-Rule (1) of Rule 11)

NO. B.14022/1/2015-DEO (A)
GOVERNMENT OF MIZORAM
OFFICE OF THE LICENCING OFFICER
LABOUR, EMPLOYMENT, SKILL DEVELOPMENT
& ENTERPRENEURSHIP DEPARTMENT
DISTRICT EMPLOYMENT EXCHANGE
MIZORAM : AIZAWL

Licence No.: IMW(A)-17/2020 Dated, the 21st May, 2020.

Fee Paid Rs.1500/-
Late fee Nil/-

RENEWAL OF LICENCE

(Inter-State Migrant Workmen (Regulation of Employment & Conditions of Service) Act, 1979)
(See Rule 14)

Name & Address of Contractor	:	*M/S TANTIA CONSTRUCTION LTD., D-72, BASIC MUAL, RAMHLUN NORTH, AIZAWL, MIZORAM*
Name & Place of Work	:	*Construction at Aizawl, Champhai, Haulawng, Sairang, and Tut Bridge.*
No. of Workers	:	*400 (four hundred) nos.*
Fee paid for Renewal	:	*Rs.1500/-(Rupees fifteen thousand) Only.*
Late Fee	:	*Nil*
Date of Renewal	:	*09th June, 2020.*
Date of expiry	:	*08th June, 2021 (Midnight).*

Signature & Seal of the Licensing Officer
Deputy Director
Deptt. of LESDE
Aizawl & Serchhip District

NB: The licensee shall read and know the terms and conditions annexed overleaf

ANNEXURE 11: Copy of Workman compensation Policy from ICICI Lombard (Validity17th January, 2022).

Policy No:1305022720P111835815

Details of Employees Covered:

Description of **Employees**	Worker Type	Declared Number of **Employees**	Declared Monthly Wage/Employee(₹)	Declared **Wages** during the**Period of Insurance**(₹)	Place/Places of Employment	Trade Category	Sub Trade Category
25 NO OF SKILLED WORKMEN	Skilled	25	15,000.00	4,500,000.00	SERCHHIP-BUARPUI (MZ-02) (PROJECT-2 ROADS IN THE STATE OF MIZORAM	ROAD PAVING TARRING AND ROAD MAKING	ROAD PAVING TARRING AND ROADS MAKING
50 NO OF UNSKILLED WORKMEN	Unskilled	50	15,000.00	9,000,000.00	SERCHHIP-BUARPUI (MZ-02) (PROJECT-2 ROADS IN THE STATE OF MIZORAM	ROAD PAVING TARRING AND ROAD MAKING	ROAD PAVING TARRING AND ROADS MAKING

ubject of following clauses:
Special Condition :
Subject to terms and Conditions of Employees Compensation Insurance Policy attached herewith.

Territory:-SERCHHIP TO BUARPUI

Jurisdiction:-MIZORAM

Subsidiaries:-

Particular Of Work:-IMPROVEMENT AND UPGRADATION OF ROAD SECTION SERCHHIP-BUARPUI (MZ-02) (PROJECT-2 ROADS IN THE STATE OF MIZORAM

Location Of Risk:-SERCHHIP TO BUARPUI, MIZORAM

Add-ons/Extension/Cover Details:-

Cover	Total SI(₹)	Premium(₹)
Basic Cover	13500000	407025

Underwriting Remarks	BLASTING IS EXCLUDED

Customer GST/UIN No.:	15AABCT0811E1ZO	**Office GST No.:**	15AAACU5552C1ZO
SAC Code:	9971	**Invoice No. & Date:**	2720I111835815 & 15/01/2021
Amount Subject to Reverse Charges-NIL			

nti Money Laundering Clause:-In the event of a claim under the policy exceeding ₹ 1 lakh or a claim for refund of premium exceeding ₹ 1 lakh, the insured will comply with the provisions of AML policy of the company. The AML policy is available in all our operating offices as well as Company's web site.

LET US JOIN THE FIGHT AGAINST CORRUPTION. PLEASE TAKE THE PLEDGE AT https://pledge.cvc.nic.in.

Date of Proposal and Declaration: 18/01/2021
IN WITNESS WHEREOF, the undersigned being duly authorised has hereunt 's/her hand at BO
AIZAWL 130502 on this 15th day of January ,2021

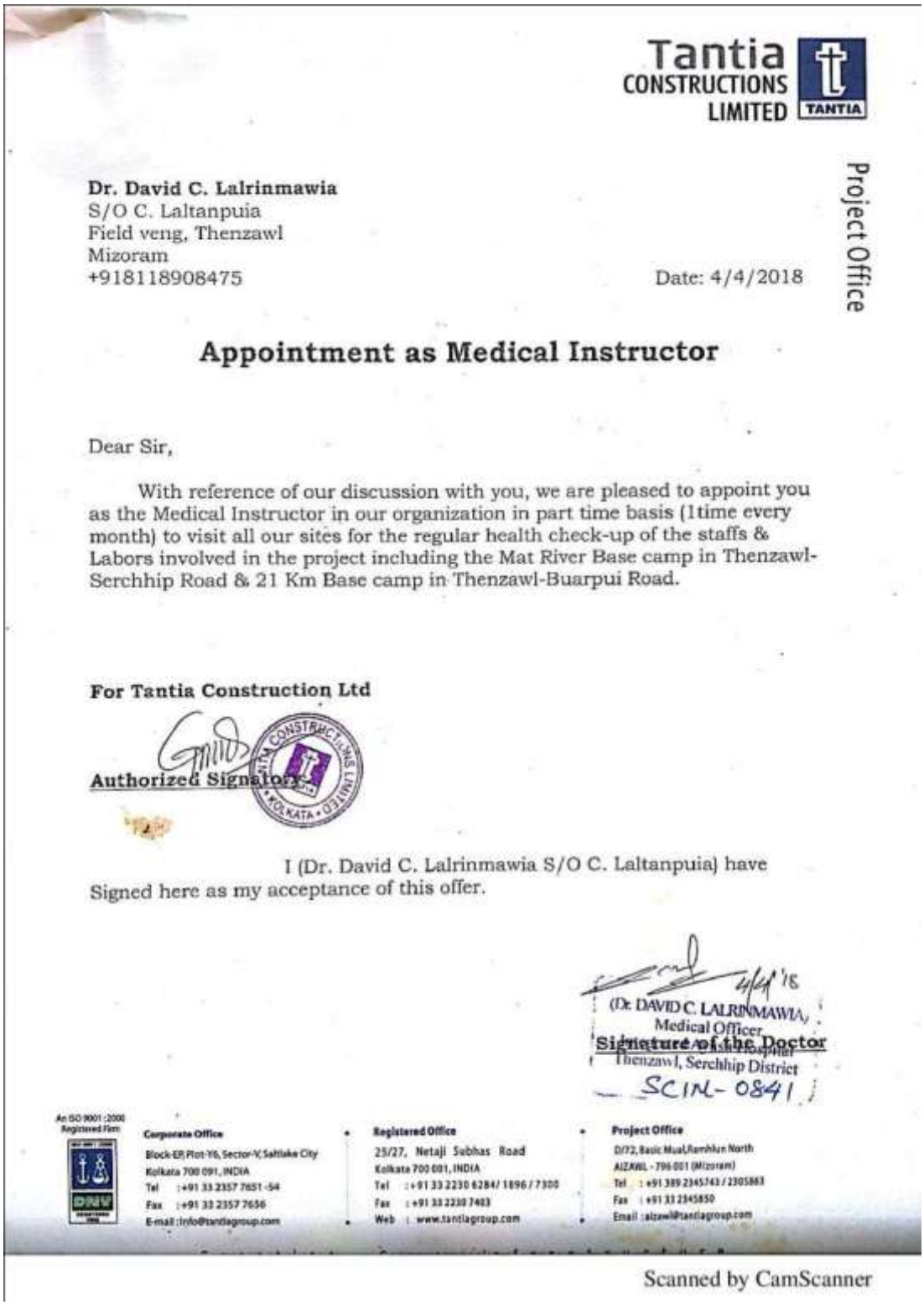
For United India Insurance Co. Ltd.

Authorised Signatory

Authorised Signatory.
Underwritten By - GAU40217 (BO UNDERWRITER) , Approved By - BUR23104(DO UNDERWRITER)

United India Insurance Co. Ltd.

ANNEXURE 12: Copy Doctors Appointment and Acceptance



Tantia CONSTRUCTIONS LIMITED

Project Office

Dr. David C. Lalrinmawia
S/O C. Laltanpuia
Field veng, Thenzawl
Mizoram
+918118908475

Date: 4/4/2018

Appointment as Medical Instructor

Dear Sir,

With reference of our discussion with you, we are pleased to appoint you as the Medical Instructor in our organization in part time basis (1time every month) to visit all our sites for the regular health check-up of the staffs & Labors involved in the project including the Mat River Base camp in Thenzawl-Serchhip Road & 21 Km Base camp in Thenzawl-Buarpui Road.

For Tantia Construction Ltd

Authorized Signatory

I (Dr. David C. Lalrinmawia S/O C. Laltanpuia) have Signed here as my acceptance of this offer.

4/4/'18

(Dr. DAVID C. LALRINMAWIA)
Medical Officer
Thenzawl, Serchhip District

Signature of the Doctor

SCIN-0841

An ISO 9001 : 2000 Registered Firm

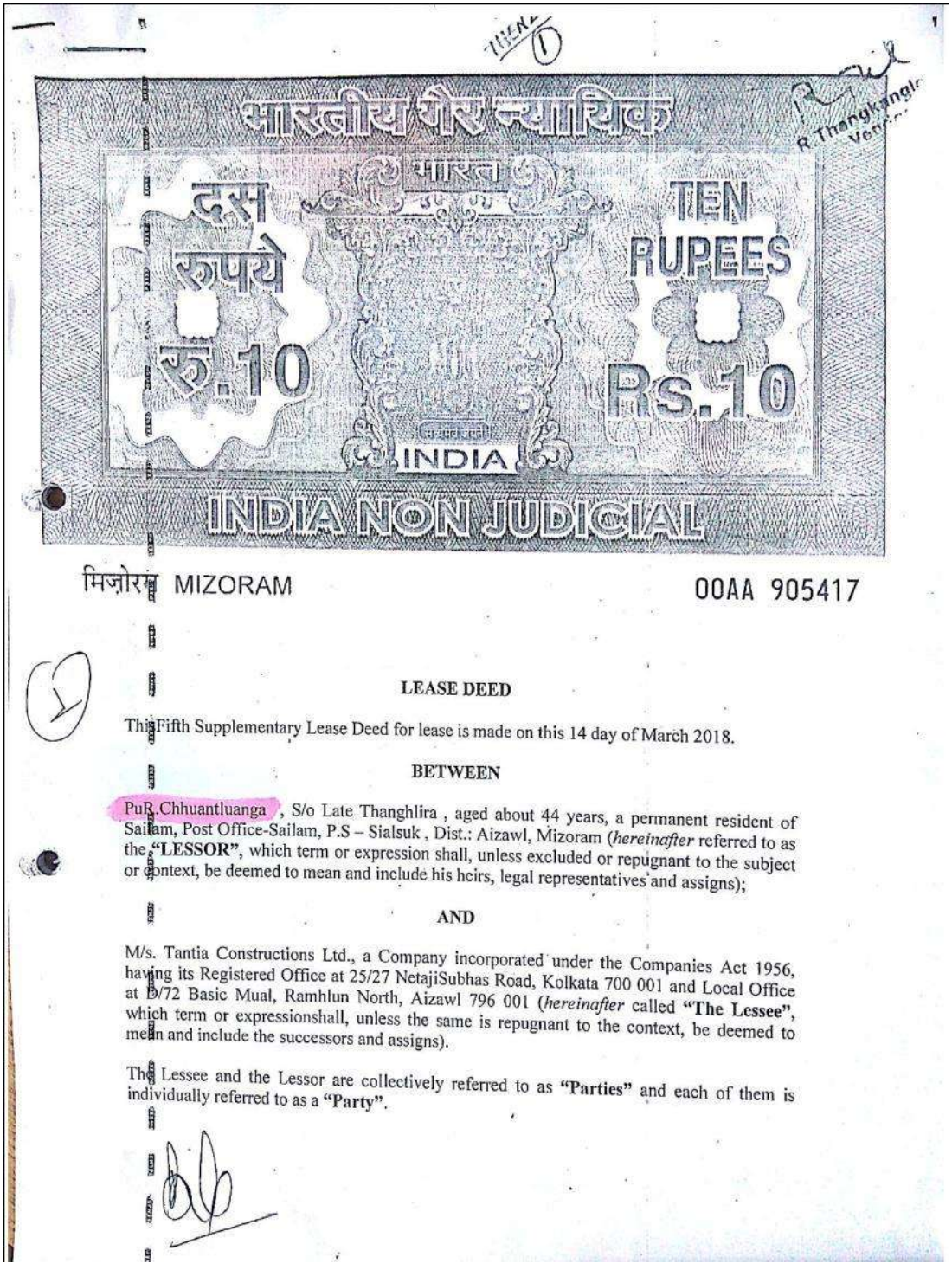
Corporate Office
Block-EP, Plot-Y6, Sector-V, Saltlake City
Kolkata 700 091, INDIA
Tel : +91 33 2357 7651 -54
Fax : +91 33 2357 7656
E-mail : info@tantiagroup.com

Registered Office
25/27, Netaji Subhas Road
Kolkata 700 001, INDIA
Tel : +91 33 2230 6284/ 1896 / 7300
Fax : +91 33 2230 7483
Web : www.tantiagroup.com

Project Office
D/72, Basic Mual,Ramhlun North
AIZAWL - 796 001 (Mizoram)
Tel : +91 389 2345743 / 2305863
Fax : +91 33 2345850
Email : aizawl@tantiagroup.com

Scanned by CamScanner

ANNEXURE 13: Copy Stone Quarry Agreement with Landowner Km 77 Aizawl Thenzawl Road extended upto 31st March 2022.



भारतीय गैर न्यायिक

भारत

दस रुपये

TEN RUPEES

₹.10

Rs.10

INDIA

INDIA NON JUDICIAL

मिज़ोरम MIZORAM

00AA 905417

LEASE DEED

This Fifth Supplementary Lease Deed for lease is made on this 14 day of March 2018.

BETWEEN

PuR.Chhuantluanga, S/o Late Thanghlira, aged about 44 years, a permanent resident of Sailam, Post Office-Sailam, P.S – Sialsuk, Dist.: Aizawl, Mizoram (*hereinafter* referred to as the **"LESSOR"**, which term or expression shall, unless excluded or repugnant to the subject or context, be deemed to mean and include his heirs, legal representatives and assigns);

AND

M/s. Tantia Constructions Ltd., a Company incorporated under the Companies Act 1956, having its Registered Office at 25/27 NetajiSubhas Road, Kolkata 700 001 and Local Office at D/72 Basic Mual, Ramhlun North, Aizawl 796 001 (*hereinafter* called **"The Lessee"**, which term or expressionshall, unless the same is repugnant to the context, be deemed to mean and include the successors and assigns).

The Lessee and the Lessor are collectively referred to as **"Parties"** and each of them is individually referred to as a **"Party"**.

AND WHEREAS, The Lessor has granted the Lessee by an agreement dated 1st March 2007, a lease of the said Quarry covered by the Vc Pass No.99 granted on 20th August 1987 which is famous as Sabual (Airport Querry) and subsequent Govt.granted periodical patta (PP) No.105304/10/03 of 2003 and a permit for mining has been granted by Geology & Mining wing of the Directorate of Industries , Mizoram , Aizawl under the permit No.001/1/2005-09 vide Letter No.D 13020 /1/2005/DTE-IND (GM) Vol-I/AZL dated 25.10.2005.

AND WHEREAS The Lessor has agreed and accepted to grant a lease of the said plot of land to the lessee for the purpose of Quarry operation for the period of 2 years from 01-03-2007 to 28-02-2009 with the option of renewal of lease on the same term & condition .

AND WHEREAS the Parties had agreed to extend the period of the lease for a further period commencing on 1st March 2009 and ending on 31st December 2010*vide* Supplementary Lease Deed dated 19.11.2008 (*hereinafter* referred to as the **"Supplementary Lease Deed"**).

AND WHEREAS the Parties had agreed to extend the period of the lease for a further period commencing on 1st January2011 and ending on 31st December 2011*vide*Second Supplementary Lease Deed dated 18.12.2010 (*hereinafter* referred to as the **"Second Supplementary Lease Deed"**).

AND WHEREAS the Parties had agreed to extend the period of the lease for a further period commencing on 1st January 2012 and ending on 31st December 2014*vide*Second Supplementary Lease Deed dated 31.12.2012 (*hereinafter* referred to as the **"Third Supplementary Lease Deed"**).

AND WHEREAS the Parties had agreed to extend the period of the lease for a further period commencing on 1st January 2015 and ending on 31st March 2018*vide*Second Supplementary Lease Deed dated 16.01.2015 (*hereinafter* referred to as the **"Fourth Supplementary Lease Deed"**).

The Lease Agreement, the Supplementary Lease Deed, the Second Supplementary Lease Deed , The third Supplementary Lease Deed ,and The fourth Supplementary Lease Deed are collectively referred to as **"Agreements"**.

AND WHEREAS the Parties have agreed to prepare a single agreement against the Lease Agreement and the Supplementary Agreement for extending the period of the lease for a further period of 1 year and 3 months commencing on 1st April 2018 and ending on 30th June 2019 (*hereinafter* referred to as the **"further extended term"**)by revising the commission for the Lessor is fixed Rs.20/- Per Ton and the material deliver at site where weighbridge is not available quantity for one truck load will be consider 16.5 M.T per trip for the Boulder . Pursuant to this, the Parties hereto agree to modify theAgreements to the following extent:-

1. That, the period of the lease is for a period of 1 year and 3 months commencing on 1st April 2018 and ending on 30th June 2019 with the option of renewal of lease on mutual agreement between the Lessor and the Lessee .

2. That, the rate for collecting boulder from quarry for extended term shall be fixed Rs.20/- Per Ton /- (Rupees Twenty Only) per Ton for the whole extended period of 1 year and 3 months commencing on 1st April 2018 and ending on 30th June 2019 .

The payment of boulder supplied up to 31.03.2018 to be clear with in 30.04.2018 and The payment of boulder supplied up to 30.06.2019 to be clear with in 31.07.2019 .

3. The Agreements stand modified to the above extent and all other terms and conditions stipulated in the Agreements remain the same.

4. The Agreements between the Parties shall form a part and parcel of this Fifth Supplementary Lease Deed.

IN WITNESS WHEREOF THE PARTIES HERETO HAVE HEREUNDER SET THEIR HANDS ON THIS DAY AND YEAR FIRST ABOVE WRITTEN.

Signed by 19/3/18
Pu.R.Chhuantluanga
(Lessor)

In the presence of

1. (R.L. VANLALHNUNA)
2. (R.L. RAMHMASAWNA)

Signed by
B L Ajitsaria
For and on behalf of
Tantia Constructions Ltd **(Lessee)**

In the presence of

1.
2. (ZOHMINGLIANA ZOTE) 18/03/18

Agt between Tantia Consin. Co Ltd and
Quarry Owner of >> KM (Air Port Quarry)
Mr R. CHHUNTLUANGA. of Sailam village.

1) That Quarry Period Extended up to 30.06.2019

2) That Bolder Rate (Stone Rate) is Rs 20/- (twenty) Per metric tone decided from 01.04.2018

3) That. in mat River comp Bolder Transportation Qty to be fixed @ 16.50 MT Per Trip because there is no weight Bridge so, @ 16.5 MT to be Count Per Trip

4) That after 30.06.2019 rate to be further decide by Jointly

5) That Bill Payment of Bolder up to 31.03.2018 to be clear by cheque in the month of April 2019 up to 30-04-2018.

6) All payment to be made by cheque in Account of R. CHHUNTLUANGA - MRB Bank

7) That Payment of Bolder to be up to 30.06.2019 to be clear in next month i.e. July 31st 2019

Company Represend Witness

Raighatnia 14.03.18

Z.H. Lalia 14/03/18
(ZOHMINGLIANA ZOTE)

Owner
R.C.Th 14/3/18
(R. CHHUNTLUANGA)
Sailam

7. Quarry. Agreement Revised : 2019

1. Rate : *Rs. 24/- Per Ton*

2. Period : *18 months. (1st July 2019 – 30th December 2020)*

3. Quarry Disposable (GSB etc.) hi hralhna kan hria a nih chuan keimahni pualin kan hralh thei ang.

4. Quarry chhuahsan dawnah tuna lung lakna khuar hi Kawngpui Level in hnawh leh vek tur a ni.

5. Quarry thlang lama leilet nei ten Complaint a awm avangin Quarry zawnah Leivung/GSB paih tawh loh tur a ni.

6. Kan mamawh hunah Rawra 20mm, 15cu.m, man neilo (FREE) in kan la ang. *(Rawra hi kan mamawh belh chuan 5cu.m kan lakbelh thei ang)*

7. Disposable Site chu a khuar hnawh khah hnu a a sira dah kual baka ala awm chuan a paihna tur Quarry Owner in a ngaihtuahpui ang.

URBAN INFRA. Private Ltd.
Sub. Contractor of TANTIA Cinstd. Co. Ltd

(PR SHARMA)
Contact : 9436354174

Quarry Owner

R.C.Thang 26/4/19

(R.CHHUNTLUANGA)
Sailam
Contact : 9862397942

Witness

Z.H.Laiwo 26/04/19

(ZOHMINGLIANA ZOTE)
Contact : 9436351363

77 QUARRY AGREEMENT REVISED

1. Agreement hmasa hi tun thla Ni 31, December, 2020 hian alo tawp dawn ta a, tiang hian inremna siam a ni. Matrix Tone-1 Rs 24/- ni ṭhin kha, Rs 35/- per.Metrix Tone in rate hi tihsan a ni a. Rate thar hi January Ni 1, 2021 aṭanga hman ṭan tur a ni ang.
2. Inremna hi January Ni, 1, 2021 aṭanga Ni 31, March, 2021 a ni a. Hemi hun chhung a ral hnu a, Company *or* Party dangin kan rate aia sang a an la duh anih chuan thlakhat chhung Notice min pe anga, chumi chhung chuan inthiar chhuah fel tur a ni ang.
3. Company or Party dang nen inbiakna dang a awmloh chuan Urban Infra. Projects Pvt.Ltd. hian Quarry hi Rate ngai hian an la chhunzawm ang. Chumi hnuah Company or Party dang nena inbiakna (owner nen) a awm anih chuan thlakhat chhungin Notice pek a ni anga, chumi chhung chuan chhuahsan tur a ni ang.
4. Rate thar kan revised ang hian company dang or Party dang nena Quarry Owner inbiakna a awm loh chuan he rate ang hian Ni 31, March, 2022 thleng Urban Infra. Projects Pvt.Ltd. hian hma an la chhunzawm thei ang.
5. Payment System hi e-payment ni tawh lovin, Chegue system ni tawh se, bill siam hi Quarry Owner in Thenzawl Office-ah lokal in a check anga, chu bill siam chu a pawm hnuah chauh chegue hi cut tur a ni.
6. Agreement hmasa ah khan Rora 20*mm*. 20 Cubic metre la tura tih a ni a, Covid-19 avanga In sak ṭan theih anih loh avangin lak a ni lova, tun agreement ah hian 20*mm*. 5 cubic metre lak belhin, a hma a mi nen avaiin 25 Cubic metre lak tur a ni ang. A phurhna man hi Quarry Owner tum tur a ni ang.
7. Quarry Disposable (GSB etc.) hi hralhna kan hria a nih chuan keimahni pualin kan hralh thei ang.
8. Quarry chhuahsan dawnah tuna lung lakna khuar hi kawngpui Level in hnawh leh vek tur a ni
9. Quarry thlang lama leilet nei ten Complaint a awm avangin Quarry zawnah Leivung / GSB paih tawh loh tur a ni.
10. Disposable Site chu a khuar hnawh khah hnu a a sira dah kual baka ala awm chuan a paihna tur Quarry Owner in a ngaihtuahpui ang.
11. Royalty leh quarry renew na pawisa hi Company-a pe ang a. A renew leh royalty pek chu quarry owner in an pe ve thung ang.
12. Quarry a lei paihna tur (disposable Area) Quarry Owner in a ngaihtuah ang a, a paih chu company in a tum ang.

(SUNIL SHARMA)
General Manager
Urban Infra. Projects Pvt.Ltd.
D/72, Basic Mual, Ramhlun North
Aizawl - 796012
GST No-15AABCU0276G1ZK
Our email : l'durbanaizawl@gmai.com
Contact No. 8787320188

QUARRY OWNER

(R.CHHUNTLUANGA)
Sailam
Contact No. 9862397942

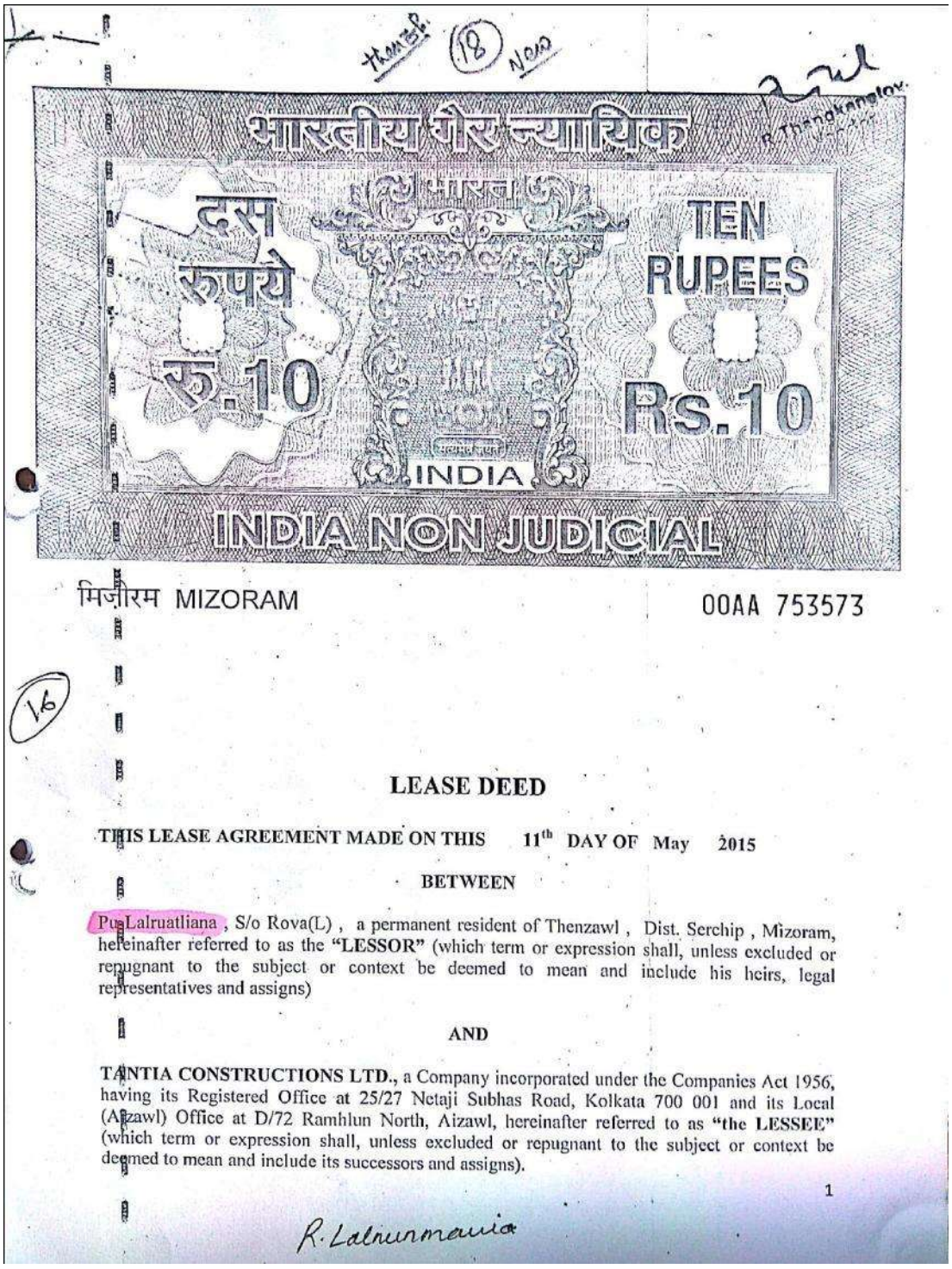
Withness,

(P.R.SHARMA)
Contact No. 9436344174

Withness,

(ZOHMINGLIANA ZOTE)
Contact No. 8416047441

ANNEXURE 14: Copy of Lease Deed with Land owner for Sub Base Camp at Ch.9+000 (Part 2) Valid up to 31st May 2021.



भारतीय गैर न्यायिक

दस रुपये ₹.10

TEN RUPEES Rs.10

INDIA

INDIA NON JUDICIAL

मिज़ोरम MIZORAM

00AA 753573

LEASE DEED

THIS LEASE AGREEMENT MADE ON THIS 11th DAY OF May 2015

BETWEEN

Pu Lalruatliana , S/o Rova(L) , a permanent resident of Thenzawl , Dist. Serchip , Mizoram, hereinafter referred to as the **"LESSOR"** (which term or expression shall, unless excluded or repugnant to the subject or context be deemed to mean and include his heirs, legal representatives and assigns)

AND

TANTIA CONSTRUCTIONS LTD., a Company incorporated under the Companies Act 1956, having its Registered Office at 25/27 Netaji Subhas Road, Kolkata 700 001 and its Local (Aizawl) Office at D/72 Ramhlun North, Aizawl, hereinafter referred to as **"the LESSEE"** (which term or expression shall, unless excluded or repugnant to the subject or context be deemed to mean and include its successors and assigns).

1

R. Lalrinmawia

WHEREAS

A) The Lessor is the owner and is in possession of a piece of Land measuring 20 (Hectare) situated at near by kilometer 9 between Thenzawl – Buarpui Road , Dist. Serchip, in the State of Mizoram, more fully described in the Schedule herein below referred to as the said **"Land" (the Camp)** issued by The Village Council President , Thenzawl , District Serchip , Mizoram .

B) The Lessee is engaged in the business for construction of Road and other works for various Government and other Agencies.

C) The Lessee requires a plot of land situated at near by kilometer 9 between Thenzawl – Buarpui Road, Dist. Serchip, in the State of Mizoram to set up a Camp, hutment for staff and labour, Crusher, Hot Mix Plant, WMM Plant, Extruction & Collection of Boulder, GSB, and river sand and other construction materials in connection with the work of - **"Improvement & Upgradation of serchip-buarpui road(mz-02)(project 2 road in state of Mizoram).** The execution of a Contract awarded by PWD, Government of Mizoram.

D) The Lessee has requested the Lessor to grant a lease of the said Land (the Camp) measuring 20(Hectare) issued by The Village Council President , Thenzawl , District Serchip , Mizoram .

E) The Lessor has agreed to grant a lease to the Lessee for the said land (the Camp) pursuant to the terms and conditions herein set out.

NOW THIS AGREEMENT WITNESSETH and it is hereby agreed by and between the Parties hereto as follows:-

1. That, in consideration of payments to the Lessor as provided herein, by the Lessee the Lessor hereby grants to the Lessee and the Lessee accepts a Lease for the Camp from 1st June 2015 to 31st May 2019 ("the Term"). The Lessee may, by written notice to the Lessor for extension of the Term prior to the expiry of the Term, extend the Term by Three Years on the same terms and conditions.

2. That, the Lessee shall pay to the Lessor rent of Rs.12,000/- (Rupees Twelve thousand only) per year . The Lessee shall pay to the Lessor advance of Rs.12,000/- (Twelve thousand Only) at the time of signing the agreement .

3. That, the yearly rent of Rs. 12,000/- (Rupees Twelve thousand only), set out in Clause 2, shall not be revised during the Term of the Agreement and any extension thereof.

4. That, the Lessor and the Lessee shall abide by the terms and conditions agreed in this Agreement.

R. Lalnunmawia

5. That, all regulatory approvals/permissions shall be obtained by the Lessor on behalf of the Lessee in order that the Lessee may use the land for their base camp without any hindrances. The Lessor has agreed to cut the trees/forest clearance as required by the Lessee in his expenses. The Lessor has agreed to cutting , leveling and earth filling as required by the Lessee and the lessor not claiming any extra for tree , crops and plantation etc .

6. That, the Lessee may establish and erect the necessary Plant and Machinery and construct Buildings or any type of structure as may be required for the establishment of the said base camp within the land of the Lessor as detailed below:

   (a) Installing the Crushing Plant, Hot Mix Plants and other Plants.

   (b) Workshop for maintenance of Plants and Equipments.

   (c) Construct buildings and structures for Office and Staff and Labour Accommodation

   (d) Machinery and Equipment parking area.

   (e) Weighbridge

   (f) Extraction & Collection of Boulder, GSB, and river sand and other construction materials and Stockpiles of raw materials and finished products.

   (g) Any other temporary structures to be erected etc.

7. That, the Lessor shall not cause, directly or indirectly, any hindrances or obstructions or disturbances in the establishment of the base camp and for stay of the personnel of the Lessee within the said land (**the Camp**) during the Term of Lease or any extension thereof.

8. That, on the expiry of the Term including any extension thereof, the Lessee shall demobilize all Plant and Machinery and demolish the structures. The said land shall revert back to the Lessor in the state and condition on the date of termination of the Lease. However, any digging made for foundation will be filled-up by the Lessee. The Lessee shall remove all the Plant and Machinery and the dismantled structure within 6 (six) months from the termination of the said Lease.

9. That, the Lessor shall pay all statutory taxes pertaining to land laws during the period of this Lease.

R. Lalnunmawia

10. That, the Lessor shall not divulge or make public, in any way, any term and conditions of this Lease to others.

11. That, the Lessor shall make all necessary arrangements and render all possible support for the peaceful possession of the said Land by the Lessee.

12. That, the Parties agree that all Civil Courts, having territorial jurisdiction in respect of the said Land/Camp or where one of the defendant's resides shall have jurisdiction to determine all disputes relating to this Lease.

SCHEDULE

F) All that piece and parcel of the Land measuring 20 (Hectare) , issued by The Village Council President , Thenzawl , District Serchip , Mizoram , as per APPENDIX 'B', which shall form an integral part of this Agreement.

IN WITNESS WHERE OF the parties hereto have hereunto set their hands on the day and year first above written.

Signed by

R. Lalruatliana

Pu Lalruatliana

(LESSOR)

In the presence of

1.

2.

Signed by

For & on Behalf of Tantia Constructions Ltd
(LESSEE)

In the presence of

1.

2.

LEASE Deed 00AA753573 28.05.2020 T2L office

Extension of Agt between Urban Infra Projects (P.) Ltd

&

LALNUN MAWIA. of THENZAWL S/O LAL RUATLIAN

1) Agt. Period Extended one year
From 1st June 2020 TO 31.05.2021

2) Land Rent / for one year 72000/- i.e. 6000/- Per month

3) Land Rent Paid upto one year in Advance
up to 31.05.2021

4) Cheque of MRB T2L 001699 - 79680552 Dtd 11.05.

5) All other terms & Condition will be remain same
Only changes in monthly rent now 5000 to 6000/-
Means 1000/- increased in a month.
i.e. 1.6.20 TO 31.5.21 new rent is 6000/-
Total Amt 72000/- for one year

6) new Condition Added = 5 Hrs JCB after Compeletion
of Agreement for Land development for [illegible] pull

(R. LALRINPUI) (R. LALZUIMAWIA)

ANNEXURE 15: Copy of Lease Deed with Landowner for Sub Base Camp Sailam (71 Km Aizawl-Thenzawl Road extended upto 31st December 2023.

(3)

LEASE DEED

This Third Supplementary Lease Deed for lease is made on this 01 day of January 2018.

BETWEEN

Pu R.Chhuansanga , S/o Patea, aged about 47 years, a permanent resident of Sailam, Post Office, P.S , Dist.: Aizawl, Mizoram (*hereinafter* referred to as the **"LESSOR"**, which term or expression shall, unless excluded or repugnant to the subject or context, be deemed to mean and include his heirs, legal representatives and assigns);

AND

M/s. Tantia Constructions Ltd., a Company incorporated under the Companies Act 1956, having its Registered Office at 25/27 Netaji Subhas Road, Kolkata 700 001 and Local Office at D/7, Basic Mual, Ramhlun North, Aizawl 796 001 (*hereinafter* called **"The Lessee"**, which term or expressionshall, unless the same is repugnant to the context, be deemed to mean and include the successors and assigns).

The Lessee and the Lessor are collectively referred to as **"Parties"** and each of them is individually referred to as a **"Party"**.

AND WHEREAS, The Lessor has granted the Lessee by an agreement dated 1st March 2006, a lease of the site covered by the VC Pass No.115 more particularly described in the Schedule below to establish the sub-base Camp by the Lessee for a period of **3 years** ending on 28th day of February 2009 with the option to renew for both Parties (*hereinafter* referred to as the **"Lease Agreement"**).

AND WHEREAS the Parties had agreed to extend the period of the lease for a further period commencing on 1st March 2009 and ending on 31st December 2012 *vide* Supplementary Lease Deed dated 29.02.2009 (*hereinafter* referred to as the **"Supplementary Lease Deed"**).

AND WHEREAS the Parties had agreed to extend the period of the lease for a further period commencing on 1st January 2013 and ending on 31st December 2017 *vide* Second Supplementary Lease Deed dated 01.01.2013 (*hereinafter* referred to as the **"Second Supplementary Lease Deed"**).

AND WHEREAS the parties have entered into another agreement for the Extended Land from Blasting House towards Western Boundary to south side up to PWD-Pitch Road (Sialsuk – Thenzawl Road) Side for a period of 1st January 2014 to 31st December 2017 *vide* Extended Land Agreement dated 01.01.2014 (*hereinafter* referred to as the **"Extended Land Agreement"**) .

The Lease Agreement, the Supplementary Lease Deed, the Second Supplementary Lease Deed and the Extended Land Agreement are collectively referred to as **"Agreements"**.

AND WHEREAS the Parties have agreed to prepare a single agreement against the Lease Agreement and the Extended Land Agreement for extending the period of the lease for a further period of 6 (Six) years commencing on 1st January 2018 and ending on 31st December 2023 (*hereinafter* referred to as the **"further extended term"**) by revising the monthly rent payable by the Lessee to the Lessor. Pursuant to this, the Parties hereto agree to modify the Agreements to the following extent:-

1. That, the period of the lease is for a period of 6 (Six) years commencing on 1st January 2018 and ending on 31st December 2023.

2. That, the monthly rent payable for the extended term shall be Rs.12500/- (Rupees Twelve thousand Five hundred Only) per month totaling Rs.900000/- (Rupees Nine Lacs Only) (*hereinafter* referred to as the **"Total Rent"**) for the whole extended period of 6 years commencing from 1st January 2018 and ending on 31st December 2023. The Lessor has requested the Lessee to prepare a cheque in the name of LALCHHUANSANGA as the Lessor has a bank account in this name, and that the payment of the Total Rent is made in the following 3 (Three) Instalment:-

   1. In January 2018: Rs.3,50,000/- (Rupees Three lacs Fifty thousand Only) .
   2. In June 2018: Rs.3,00,000/- (Rupees Three lacs Only)
   3. In December 2018: Rs.2,50,000/- (Rupees Two lacs Fifty thousand Only)

3. In addition to the Total Rent, the Lessee shall supply 4 cubic metres of 20 MM chips at the residence of the Lessor. The Lessee shall bear the cost of transportation or pay Rs.1000/- (Rupees One thousand Only) for transportation in case the Lessor lifts the material from the camp of Lessee for which the Lessee will not claim any extra charge.

4. The Agreements stand modified to the above extent and all other terms and conditions stipulated in the Agreements remain the same.

5. The Agreements between the Parties shall form a part and parcel of this Third Supplementary Lease Deed.

IN WITNESS WHEREOF THE PARTIES HERETO HAVE HEREUNDER SET THEIR HANDS ON THIS DAY AND YEAR FIRST ABOVE WRITTEN.

Signed by
Pu.R.Chhuansanga
(Lessor)

Signed by
B L Ajitsaria
For and on behalf of
Tantia Constructions Ltd (Lessee)

In the presence of

1. (ZONUNTLUANGI)
2. (VANLALVENA)

In the presence of

1. [illegible]
2. Aman Kr. Singh

WITH-NESS

(ZOHMINGLIANA ZOTE) 19/03/18

ANNEXURE 16: Copy Lease Deed with Landowner for Sub Base camp at Km 21 Valid up to 30th January 2022.

LEASE DEED

THIS LEASE AGREEMENT MADE ON THIS 01st DAY OF February 2017

BETWEEN

Pu R.Laldintluanga, S/o R.Hmingmawja aged about 42 years, a permanent resident of Buarpui, Dist Lunglei, Mizoram, hereinafter referred to as the **"LESSOR"** (which term or expression shall, unless excluded or repugnant to the subject or context be deemed to mean and include his heirs, legal representatives and assigns)

AND

TANTIA CONSTRUCTIONS LTD., a Company incorporated under the Companies Act 1956, having its Registered Office at 25/27 Netaji Subhas Road, Kolkata 700 001 and its Local (Aizawl) Office at D/72 Ramhlun North, Aizawl, hereinafter referred to as **"the LESSEE"** (which term or expression shall, unless excluded or repugnant to the subject or context be deemed to mean and include its successors and assigns).

1

WHEREAS

A) The Lessor is the owner and is in possession of a piece of Land as per Village Council Permit No.C-13072/10/165 of 2009 , measuring $2^{1}/_{2}$ Bigha situated at right hand side of part II, (21.7 km) between Thenzawl – Buarpui Road , Dist. Lunglei , in the State of Mizoram, more fully described in the Schedule herein below referred to as the said **"Land" (the Camp)** issued by The Village Council President , Buarpui , District Lunglei , Mizoram .

B) The Lessee is engaged in the business for construction of Road and other works for various Government and other Agencies.

C) The Lessee requires a plot of land situated at at right hand side of part II, (21.7 km) between Thenzawl – Buarpui Road , Dist. Lunglei, in the State of Mizoram to set up a Camp, hutment for staff and labour, Crusher, Hot Mix Plant, WMM Plant, Extruction & Collection of Boulder, GSB, and river sand and other construction materials in connection with the work of - **"Improvement & Upgradation of serchip-buarpui road(mz-02)(project 2 road in state of Mizoram).** The execution of a Contract awarded by PWD, Government of Mizoram.

D) The Lessee has requested the Lessor to grant a lease of the said Land (the Camp) measuring $2^{1}/_{2}$ Bigha issued by The Village Council President , Buarpui , District Lunglei , Mizoram .

E) The Lessor has agreed to grant a lease to the Lessee for the said land (the Camp) pursuant to the terms and conditions herein set out.

NOW THIS AGREEMENT WITNESSETH and it is hereby agreed by and between the Parties hereto as follows:-

1. That, in consideration of payments to the Lessor as provided herein, by the Lessee the Lessor hereby grants to the Lessee and the Lessee accepts a Lease for the Camp for 5(Five) Year from 1st February 2017 to 31st January 2022 (**"the Term"**). The Lessee may, by written notice to the Lessor for extension of the Term prior to the expiry of the Term, extend the Term by Three Years on the same terms and conditions.

2. That, the Lessee shall pay to the Lessor rent of Rs.1,500/- (Rupees One thousand five hundred only) per Month.

3. That, the Monthly rent of Rs.1,500/- (Rupees One thousand five hundred only) per Month , set out in Clause 2, shall not be revised during the Term of the Agreement and any extension thereof.

4. That, the Lessor and the Lessee shall abide by the terms and conditions agreed in this Agreement.

5. That, all regulatory approvals/permissions shall be obtained by the Lessor on behalf of the Lessee in order that the Lessee may use the land for their base camp without any hindrances. The Lessor has agreed to cut the trees/forest clearance as required by the Lessee in his expenses. The Lessor has agreed to cutting , leveling and earth filling as required by the Lessee and the lessor not claiming any extra for tree , crops and plantation etc .

6. That, the Lessee may establish and erect the necessary Plant and Machinery and construct Buildings or any type of structure as may be required for the establishment of the said base camp within the land of the Lessor as detailed below:

   (a) Installing the Crushing Plant, Hot Mix Plants and other Plants.

   (b) Workshop for maintenance of Plants and Equipments.

   (c) Construct buildings and structures for Office and Staff and Labour Accommodation

   (d) Machinery and Equipment parking area.

   (e) Weighbridge

   (f) Extraction & Collection of Boulder, GSB, and river sand and other construction materials and Stockpiles of raw materials and finished products.

   (g) Any other temporary structures to be erected etc.

7. That, the Lessor shall not cause, directly or indirectly, any hindrances or obstructions or disturbances in the establishment of the base camp and for stay of the personnel of the Lessee within the said land **(the Camp)** during the Term of Lease or any extension thereof.

8. That, on the expiry of the Term including any extension thereof, the Lessee shall demobilize all Plant and Machinery and demolish the structures. The said land shall revert back to the Lessor in the state and condition on the date of termination of the Lease. However, any digging made for foundation will be filled-up by the Lessee. The Lessee shall remove all the Plant and Machinery and the dismantled structure within 6 (six) months from the termination of the said Lease.

9. That, the Lessor shall pay all statutory taxes pertaining to land laws during the period of this Lease.

10. That, the Lessor shall not divulge or make public, in any way, any term and conditions of this Lease to others.

11. That, the Lessor shall make all necessary arrangements and render all possible support for the peaceful possession of the said Land by the Lessee.

12. That, the Parties agree that all Civil Courts, having territorial jurisdiction in respect of the said Land/Camp or where one of the defendant's resides shall have jurisdiction to determine all disputes relating to this Lease.

SCHEDULE

F) All that piece and parcel of the Land measuring $2^{1}/_{2}$ Bigha , issued by The Village Council President , Buarpui , District Lunglei , Mizoram , as per APPENDIX 'B', which shall form an integral part of this Agreement.

IN WITNESS WHERE OF the parties hereto have hereunto set their hands on the day and year first above written.

Signed by

Pu Laldintluanga

(LESSOR)

In the presence of

1. President Village Council/Court . Buarpui

2.

Signed by

For & on Behalf of Tantia Constructions Ltd
(LESSEE)

In the presence of

1.

2.

ANNEXURE 17: Copy of Forest Clearance.

(290)

GOVERNMENT OF INDIA
MINISTRY OF ENVIRONMENT & FORESTS
NORTH EASTERN REGIONAL OFFICE
LAW-U-SIB, LUMBATNGEN
NEAR M.T.C. WORKSHOP, SHILLONG-793021
PHONE NO: 0364-2537609
FAX NO: 0364-2536041
GRAM: PARYAVARAN, SHILLONG.
Email: moefshil_09@rediffmail.com

4/7/14 FCA

No. 3-MZ B 107/2013-SHI 702-03 June, 2014

To

The Principal Secretary
Environment and Forests Department,
Government of Mizoram,
Aizawl

APCCF

4/7.

Sub: Proposal for diversion of 0.9963 ha of forest land for upgradation and improvement of Serchhip-Buarpui road by Mizoram PWD.

Sir,

This has reference to the State Govt letter No.G.20015/13/2013-FST dated 27.02.2013 of Govt of Mizoram on the subject mentioned above, seeking prior approval of the Central Government in accordance with Section 2 of the FCA, 1980.

After careful consideration of the proposal, In-principle approval was granted vide this office letter of even number dated 20.11.2013 subject to fulfillment of certain conditions. The State Government has furnished compliance report in respect of the conditions stipulated in the in-principle approval and has requested the Central Government to grant final approval.

In this connection and on the basis of the compliance report furnished by the State Government vide letter No.G.20013/3/201/PCCF/286 dated 25.03.2014 of Govt of Mizoram and confirmation of Ad-hoc CAMPA, New Delhi letter No 1-24/2013-CAMPA dated 31.03.2014, **'Final Approval'** of the Central Government is hereby granted under Section-2 of the Forest (Conservation) Act, 1980 for diversion of 0.9963 ha of forest land for upgradation and improvement of Serchhip-Buarpui road by Mizoram PWD subject to the following conditions :

(1) The legal status of the forest land shall remain unchanged.
(2) Compensatory afforestation shall be raised and maintained over 2.0 ha of degraded forest land identified in Tlawng RPF at Tuihnial chhuah with the State Forest department.
(3) Permanent demarcation of forest land proposed for diversion shall be done on the ground at project cost before handing over the forest land to the User Agency.
(4) The forest land shall not be used for any purpose other than that specified in the proposal.
(5) The User Agency shall not expand its occupation or use surrounding forest/forest land in any manner otherwise expressed in this clearance.
(6) Land so diverted shall revert back to the Forest Department in case it is not needed for the above use after due restoration to its original status (as far as possible and to the satisfaction of state Forest Deptt.).
(7) The User Agency shall take all possible precautions & care all the time not to impact adversely the surrounding forests and forest land by their actions/activities.
(8) The user agency will undertake comprehensive soil and water conservation measures at the project cost.
(9) Overburden shall not be dumped outside the width of the road. The muck generated in the earth cutting will be disposed off at the designated dumping sites and in no case the muck/debris will be allowed to roll down the hill slopes.

7/7/14

2661
4/7/14

(10) Wherever possible and technically feasible, the user agency shall undertake afforestation measures along the road within the area diverted under this approval, in consultation with the State Forest Department at the project cost.

(11) Tree felling shall be done only when absolutely unavoidable and such removal, if any, shall be done under the supervision of the Forest Department.

(12) No damage to the flora fauna of the area shall be caused.

(13) No labour camp shall be established inside the forest area.

(14) The user agency shall provide fuel wood preferably alternate fuel to the labourers working at the site to avoid damage/felling of trees or buy the fuel wood from the extracted timber from the Forest Department to be used by labourers.

(15) The muck dumping area shall be stabilized and plantation of suitable species shall be carried out over stabilized dumps on the cost of the user agency under the supervision of State Forest Department.

(16) The designing of culverts/ bridges, if any, over the natural streams/rivers/canals should be done in such a manner that it does not hamper the natural course of the water, does not give rise to water logging and also does not hamper the movement of the wild animals.

(17) All the site specific engineering structures like retaining walls, breast wall and drainage shall be constructed to avoid any soil erosion and slope stability of the concerned hills.

(18) The user agency shall obtain the Environment Clearance under Environment (Protection Act, 1986, if applicable.

(19) The user agency will have to obtain the Forest Conservation) Act, 1980 clearance for removal, if any, of the stone, river sand, river boulders in forest land.

(20) The proposal will be implemented under the overall supervision of the concerned Divisional Forest Officer.

(21) In case of any violation of the stipulated conditions immediate action is to be taken by the Forest Department as per Ministry's letter No 5-5/86/FC dated 07.12.1999 and this office letter No 2-1-51/2004/RONE/Vol II/3181-02 dated 28.12.2006.

(22) The layout plan shall not be changed without the prior approval of the Central Government.

(23) All other clearances / NOCs under different rules / regulations / local laws and under Forest Dwellers (Recognition of Forest Rights) Act, 2006 as required vide MoEF, New Delhi guideline No. 11-9/1998-FC(Pt) dated 03.08.2009 shall be complied with.

(24) Any other conditions as may be found appropriate in future for the betterment of environment & wildlife, may be imposed by North Eastern Regional Office, MoEF, Shillong.

(25) This approval may be revoked if the above conditions of approval are not complied to the satisfaction of the North Eastern Regional Office, Shillong.

Yours faithfully,

(R.L. Sanga)
Conservator of Forests(C)

Copy to:

1. The Principal Chief Conservator of Forests & HoFF, Govt. of Mizoram, Environment and Forests Department, Aizawl.

26/6/14

(R.L. Sanga)
Conservator of Forests(C)

ANNEXURE 18: Copy of deposition of Compensatory Afforestation amount to Forest Department.

GOVERNMENT OF MIZORAM
OFFICE OF THE PRINCIPAL CHIEF CONSERVATOR OF FORESTS
MIZORAM:::AIZAWL

No.B.22013/3/2011-FC/PCCF/278 Dated Aizawl the // th Dec.,2013.

To,

The Chief Engineer,
PWD,Roads,
Tuikhuahtlang,
Aizawl, Mizoram.

Sub: **Proposal for diversion of 0.9963 ha. of Forest Land for Upgradation and Improvement of Serchhip-Buarpui Road by Mizoram PWD.**

Sir,

Please find enclosed a copy of the Ministry's letter No.3-MZ B 107/2013-SHI/3656-57 dt.20.11.2013 conveying "In-Principle Approval" for diversion of 0.9963 ha. of forest land for upgradation and improvement of Serchhip-Buarpui road by Mizoram PWD, received from the Ministry of Environment & Forests, Regional Office, Shillong. In this connection, you are requested to fulfill the following conditions:

(i) To pay Rs.73,920/- (Rupees seventy three thousand nine hundred twenty) only to the Principal Chief Conservator of Forests, Environment & Forests Department, Mizoram, preferably by cheque towards the cost of Compensatory Afforestation over double the area diverted i.e. over 2.0 ha of degraded forest land..

(ii) To pay Net Present Value (NPV) of forest land diverted i.e Rs.7,27,299/- (Rupees seven lakh twenty seven thousand two hundred ninety nine) only to the Principal Chief Conservator of Forests, Environment & Forests Department, Mizoram, preferably by cheque, as per the Judgment of the Hon'ble Supreme Court of India dt.28.03.2008, 24.04.2008 & 09.05.2008 in Writ Petition (C) No.202/1995 and as per the guidelines issued by the Ministry vide its letter no. 5-3/2007-FCdt.05:02.2009 in this regard.

(iii) To pay Rs.2,500/- (Rupees two thousand five hundred) only to the Division Forest Officer, Thenzawl Forest Division, towards the cost of extraction of project affected trees for 20.18 cft. @ Rs.50/cft. and 300 culms of bamboo @ Rs. 5/culm.

(iv) To furnish an undertaking to pay the additional NPV of the diverted forest land, if any, becoming due after finalization/revision of the same by the Hon'ble Supreme Court of India.

(v) To demarcate the land proposed for diversion on the ground by erecting at least 4' high cement-concrete pillars duly numbered, forward and backward bearing and distance from pillar to pillar written on the pillars at project cost.

The grand total amount of (i)+(ii)+(iii) = Rs.(73,920 +7,27,299 +2,500)/-
=[redacted]

(Rupees eight lakh three thousand seven hundred nineteen) only.

In order to obtain final approval from the Central Govt., the above mentioned conditions have to be fulfilled from your end and compliance report have to be submitted to the undersigned at an early date.

Enclo : As above.

Yours faithfully,

(ROSIAMA VANCHHONG)
Addl. Principal Chief Conservator of Forests & NO (FCA).
Mizoram,Aizawl.

No.B.22013/3/2011-FC/PCCF/278 Dated Aizawl the 11 th Dec.,2013.

Copy to:

1. The Conservator of Forests (CC). for information.
2. The Divisional Forest Officer. Thenzawl Forest Division for information.

Addl. Principal Chief Conservator of Forests & NO (FCA).
Mizoram,Aizawl.

Office of the P.C.F. Mizoram
Issued 585
Date 11/12/13
Initials

(20)

FORM-II
CHEQUE ADVICE
(For works/supply, etc) **DDO CODE No. 145027**

To

The Treasury Officer,
Aizawl South Treasury.

Please pay a sum of Rs. **8,03,719.00** (Rupees eight lakh three thousand seven hundred nineteen) only to **Principal Chief Conservator of Forest,Mizoram,Aizawl** whose signature is attested.

Gross Amount of Cheque		:	**Rs. 8,03,719.00**
DEDUCTION			
1.	Security	:	Rs. NIL
2.	Others/TDS	:	Rs NIL.00
Total of deduction		:	Rs. NIL
Net amount payable		:	**Rs. 8,03,719.00**

Particulars and purpose of payment-

1. Name of works : Impvt.& Upgradation of Serchhip-Buarpui Road (Sh.: Forest Clearance)
2. Sanctioned estimated Amount as per A/A : Rs. 167,90,00,000.00
3. Progressive expenditure against estimated amount as per A/A including this bill : Rs. 8,03,719.00
4. Expenditure sanction for this work during the current financial year : Rs. 8,29,000.00
5. Progressive expenditure against E/S at 4 above including this bill. : Rs. 8,03,719.00

Cheque No : **D 489622/004897** Date: **25.12.2013**
Head of Account: 3054 R&B (NP) 04/800(01)(27)- Minor Works
Budget Provision:
Sanctioning order of competent authority :No. G. 20011/2012/AC-CE(R)/ES/183 'A' dated 5.12.2013.
(Copy of sanction order attached herewith)

Signature of Cheque Holder
Attested

Name of D.D.O.

Executive Engineer (Proc.), PWD
Project Implementation Unit
Chief Engineer (Roads) Office
Mizoram, Aizawl

Executive Engineer (Proc.), PWD
Project Implementation Unit
Chief Engineer (Roads) Office
Mizoram, Aizawl

STATE BANK OF INDIA _____ for payment

TREASURY OFFICER
AIZAWL'S'

ANNEXURE 19: Copy of Grievance Redressal committee (GRC) letter from PWD Mizoram - Dated 19th March 2014

GOVERNMENT OF MIZORAM
PUBLIC WORKS DEPARTMENT

Dated Aizawl, the 19th March, 2014

No.B.11015/32/2011 – PWC/Pt : The Governor of Mizoram is pleased to constitute a Grievance Redressal Committee (GRC) which will provide forum to assist the Project Affected Persons in resolving queries and complaints over all resettlement benefits, compensation, relocation and other assistance excluding disputes relating to ownership rights under the court of law – as a result of acquisition of private properties for Asian Development Bank funded improvement & upgradation of Serchhip – Buarpui road project vide section 7.4 of the Resettlement Plan as under :-

1. Chairman :Deputy Commissioner, Serchhip District, Serchhip.
2. Members
   1) Project Director, Project Implementation Unit, PWD
   2) Assistant Settlement Officer, LR&S Department, Office of the Deputy Commissioner, Serchhip.
   3) Sub Divisional Officer (Civil), Thenzawl Sub-Division,Thenzawl.
   4) Representative from Village Council of Serchhip-I&II, Thenzawl East, Thenzawl West, New Khawlek and Buarpui.
   5) Representative from Branch YMA of the Village of Serchhip –I & II, Thenzawl East, Thenzawl West, New Khawlek and Buarpui.
   6) Representative from Branch MHIP of the Village of Serchhip-I & II, Thenzawl East, Thenzawl West, New Khawlek and Buarpui.
   7) Representative from Displaced Families of the village of Serchhip-I&II, Thenzawl East, Thenzawl West, New Khawlek and Buarpui.

3. Member Secretary : Special Land Acquisition Officer, PIU, PWD.

The GRC is a voluntary body and will function during the entire construction period of the project including the defect liability period and the decision of the GRC is binding, unless vacated by court of law.

Sd/- LALRAM THANGA
Principal Secretary to the Govt.of Mizoram
Public Works Department

Memo.No.B.11015/32/2011 – PWC/Pt : Dated Aizawl,the 19th March, 2014

Copy to :-

1. Deputy Commissioner, Serchhip District, Serchhip for favour of his kind information with a request to spare concerned officer.
2. Members concerned for favour of information and necessary action.

EE(Env) / EE(Acc) } ADS
2/3/14

(LALHRANGLIANI) 19/3
Deputy Secretary to the Govt.of Mizoram
Public Works Department

PIU-8