

### **Environmental Monitoring Report**

Project Number: 37143-033

May 2017

Part A: Main Report (Pages 1 – 17) and Annexures

Period: January 2016 – December 2016

### IND: 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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### Asian Development Bank

Project Director **Project Implementation Unit** Chief Engineer (Roads)'s Office Public Works Department Tuikhuah Tlang Aizawl: Mizoram - 796 001

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### **GOVERNMENT OF MIZORAM** OFFICE OF THE CHIEF ENGINEER (ROADS) PWD: MIZORAM AIZAWL No.NESRIP-02/ADB/PIU-49/2015/12 Dated Aizawl the 4th Aug, 2016

To,

Ms Mercy Epao,

Director,

MDoNER, Government of India,

Vigyan Bhawan Annexe, Maulana Azad Road,

New Delhi - 110011

Subject:

Submission of Resettlement Plan, Environmental and Social Monitoring Reports.

Ref:

Your No.F.No.2/5/2016/ADB-NESRIP/DoNER dt.18.07.2016

Madam,

With reference to your letter above, I am sending herewith Resettlement Plan, Environmental Monitoring reports 2016 and Social Monitoring Reports 2016/1 for Serchhip -Buarpui Road. The same has already been sent via email on 21.07.2016.

This is for favour of your kind information and necessary action.

Enclo: As above



Yours faithfully,

(LALRINKIMA HNAMTE) Project Director, PIU

Memo No.NESRIP-02/ADB/PIU-49/2015/12 'A' Copy to:

Dated Aizawl the 4<sup>th</sup> Aug. 2016

Mr.Anil Motwani, Team Leader, Transport/Mission Leader, Indian Resident Mission, ADB, 4 San Martin Marg, Chanyaka Puri, New Delhi-110021 for information along with a copy of the enclosure.

2. A.K.Bhattacharyya, Chief Co-ordinator, PMC, NESRIP, 11, Shakespeare Sarani, Kolkata-700071 for information along with a copy of the enclosure.



### ENVIRONMENTAL MONITORING REPORT

2016



PROJECT NAME:

IMPROVEMENT & UPGRADATION OF SERCHHIP- BUARPUI ROAD (Mzo2) PROJECT 2

ROAD IN STATE OF MIZORAM

CLIENT:

PIU/PWD GOVERNMENT OF MIZORAM

CONSULTANT:

MSV INTERNATIONAL INC.

CONTRACTOR:

M/s. TANTIA CONSTRUCTION LIMITED, KOKALTA

**PROJECT IMPLEMENTATION UNIT: PWD** 

**GOVERNMENT OF MIZORAM** 

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### 1. INTRODUCTION:

### 1.1 BRIEF DESCRIPTION OF THE PROJECT

The project road MZ 02: Serchhip-Buarpui is a part of North Eastern State Road Improvement Program (NESRIP) –Tranche 2, being implemented with funding support from Asian Development Bank (ADB). Ministry of Development of North Eastern Region (MDONER) is the executing agency implemented by State Public Works Department (PWD), Mizoram PWD.

Name of Road	Road No.	From	To	Length (Km)
Serchhip - Buarpui	SH	Serchhip	Buarpui	55

The road improvement will cover 55 kilometres of the existing major district road which is segregated in two parts separated by Aizawl - Lungei State Highway. Part I (Serchhip - Sialsuk junction) starts at its junction with NH 54, about 4 km south of Serchhip town and terminates at its junction with Aizawl-Lungei State Highway (SH) near Sitvan- Hanging Garden, Sialsuk covering a length of 15.2 km. Part II (Thenzawl - Buarpui) starts at its junction with Aizawl-Lungei SH near Thenzawl and ends at Buarpui totalling 39.8 km. Project road improvement involves: (i) widening to intermediate lane with earthen shoulder in valley side and paved on hill side; (ii) curve improvement; (iii) rehabilitation and construction of cross drainage structures and side drains (iv) junctions/intersections improvement (vi) incorporating road safety measures, and (viii) providing protection works to stabilize slopes to control slides and erosion.

The significant environmental impacts attributable to the upgrading of the road pertains to tree cutting, temporary deterioration of ambient during construction phase from land clearing, silt run off, hill cutting, camp operations and blasting though not required near habitations.

The PIU team regularly visit the project site and together with CSC team and Contractor team, necessary environmental aspects have been given prior importance in order to comply with all the necessary requirement as laid down in the Initial Environmental Examination(IEE).

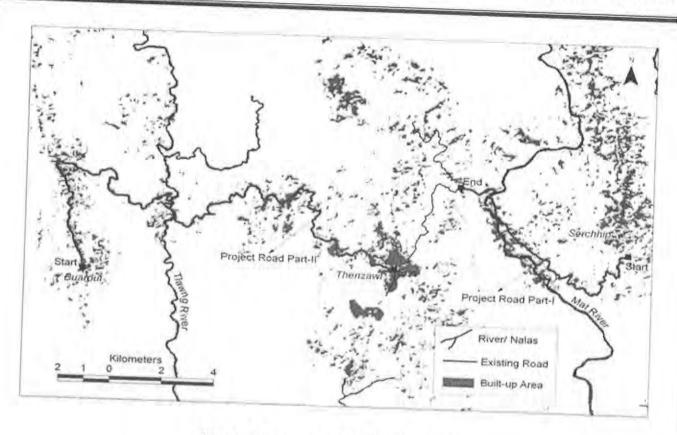


Figure1: Project Corridor Location Map.

### 1.2 OBJECTIVE OF ENVIRONMENTAL MANAGEMENT PLAN:

Preparation of Environmental Management Plan is required for formulation, implementation and monitoring of environmental protection measures during and after commissioning of projects. The plan describe that how the proposed environment management measures of Contract EMP are to be implemented at site; and/or proposal for additional cost effective measures are to be made which may be required as per site condition during the construction phase.

The Environmental Management Plan (EMP) is a project-specific document prepared for environmental management requirements, will be implemented and managed at site. The EMP will detail how the various adverse environmental impacts related to road construction will be mitigated and documented by inspecting, monitoring, verifying, internal auditing and correcting or improving environmental performance.

The Environmental Management Plan (EMP) is designed to assist the construction plan and implement effective site-specific strategies that will minimize the environmental impacts associated with execution of the project. The EMP encompasses all Environment, Safety and Social Safeguard issues of the project area.

Contractor's Environmental cum Road Safety Manager along with designated staffs of Environmental Management Team members of the project like CSCs Environmental Specialist in co-ordination with the PIU team will implement all the environmental management measures at site.

### 2. ENVIRONMENTAL MANAGEMENT SYSTEM

### 2.1 ENVIRONMENTAL MANAGEMENT POLICY

Contractor M/s Tantia Construction Limited is committed to protect and conserve the environment during the road construction activities and make value addition to the environmental and social condition of the project area.

Full time **Safety Officer** has been deployed since February 2016. Contractor's Safety Officer and CSCs Environmental Specialist has made effort in creating awareness among the Site Staff especially with the labourers. Workers were made aware of transmitted diseases and all sorts of precautionary measures in terms of safety. Importance of PPE while at work etc. Each and every staff of M/s Tantia Construction Ltd. employed in this project is made aware of the project specific Environmental and Safety Policy. In this contract project Environmental Management Plan (EMP) is a part of contract document. It is the contractor's contractual obligation to comply with the provisions in the EMP document. Further additional requirements (if any) will be investigated and proposed to the Engineer as per site condition and/or requirement.

### 2.2 PROJECT ORGANIZATION CHART:

All the staff and/or workers those who are involved in this project are being made with all the provisions stipulated in the EMP document. The Organization Flow Chart of the Environmental Management Team for the contract package is furnished in Figure - 2.

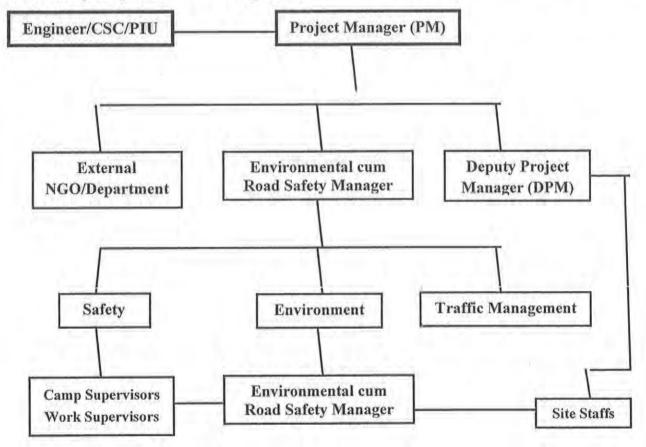


Figure 2: Environmental Management Team Flow Chart

## 3. ENVIORNMENTAL MONITORING:

# 3.1 REQUIREMENTS OF CLEARANCE FROM STATUTORY AUTHORITY:

Implementations of the project works require clearances from Statutory Authority and other line agencies which have been obtained and the status are shown in below Table No.1:

TABLE 1: Clearance Requirements

Activities for Which Clearances Required	Location (Km.)	Statutory Authority	Present Status and Reference No.	Enclosure
Crusher Plant, Batching Plant, Sand Washing Plant & Hot Mix Plant	Base Camp Ch.12+000 (Part 1)	Pollution Control Board, Mizoram	Consent to Operate valid upto 1st March 2018  Ref: No. H.88088/Poltn/9(83)/06- MPCB/124-125 Dated 2nd March 2016	ANNEXURE I
Hot Mix Plant & WMM Plant	Sub Camp Ch. 9+000 (Part 2)	Pollution Control Board, Mizoram	Consent to Operate valid upto 20th January 2017  Ref: No. H.88088/Poltn/9(83)/06-MPCB/197  Dated 20th Jan 2015	ANNEXURE II
Hume Pipe Factory	Sub Camp at Sailam (71Km Aizawl Thenzawl Road)	Pollution Control Board, Mizoram	Consent to Operate Valid upto 20 <sup>th</sup> Nov 2018 <b>Ref:</b> No. H.88088/Poltn/9 (83)/06-MPCB/93- 94 Dated 21 <sup>st</sup> Nov 2014.	ANNEXURE III
Explosives License, Blasting License and Magazine carriage/storage	Sub Camp at Sailam (71Km Aizawl Thenzawl Road)	Ministry of Petroleum & Explosives Safety Organization (PESO)	Obtained License No. E/EC/MZ/22/34(E38508) & & E/EG/MZ/25/1(E84574) valid upto 31st March 2019.	ANNEXURE IV
Labour License		District Labour Employment & Industrial	License No. IMW (A)-2/2015. Renewed on 5th June 2015 valid upto 4th June 2016	ANNEXURE V

Improvement & Upgradation of Serchhip-Buarpui road (Mzo2) Project 2 road in State of Mizoram

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PUC of Vehicles/Machinery	all		Transport Govt. Of Mi	Department, zoram	Transport Department, Mandatory under Transport Deptt. For all Covt. Of Mizoram	
Stone Quarry		77Km (Aizawl Thenzawl Road	NA		Quarry owner posses valid permit from the concerned department. Agreement with quarry owner under terms and condition for extraction of stone.	ANNEXURE VI
7 Sand Quarry		Mat	NA		Third party procurement.	

### 3.2 CAMP SITE MONITORING:

Total area of the Base camp is 2.7 Ha. Site for Base Camp and sub camps has been identified based on the selection criteria of 'EMP Guideline. Lease Deed with landowner for camp site land is shown in Table no.2:

# TABLE NO.2: Required consent for camp site:

- 0	SI Activities for Which No. Clearances Required	Location (Km.)	Required NOC/Consent	Present Status and Reference No.	Enclosure
100	Base Camp	Ch.12+000 (Part 1)	Agreement with Landowner	1) Lease Deed with Landowner. Valid upto 31st December 2019 2) Lease Deed with Landowner. Valid upto 31st March 2019	ANNEXURE VII
4	Šub Camp	Ch. 9+000 (Part 2)	Same as above	Lease Deed with Landowner. Valid upto ANNEXURE VIII 31st May 2019	ANNEXURE VIII
	Sub Camp	Sailam (71 Km Aizawl- Thenzawl Road	Same as above	Lease Deed with Landowner. Valid Upto 31st December 2017	ANNEXURE IX

### 3.2.1 Base Camp Mat (Ch.12+000) (Part 1):

Base camp is located along the project road between Thenzawl and Serchhip at Ch12+000 (Part 1). The location is more than 1.5km away from the nearest settlement. Besides several Plant established there are Staff Quarter, Engineer Quarter, Store Room, Work Shop, Office, Laboratory and Labour Camp. Drinking water: Adequate drinking water is provided which is drawn from natural stream. PHED department were approach to conduct test for drinking water from the camp storage and the result is appended as **ANNEXURE X**.

The camp can accommodate upto 150 Labourers in the peak season. At present about 120 labourers are dwelling. There are 6 toilets and 4 bathrooms provided for the labour presently and it is subjected to provide more. Septic Tanks and Soak Pits is provided at every toilet locations.

LPG for cooking is used; however, during crisis kerosene oil is being utilized. First aid facility is provided in the camp. All solid waste are collected by providing dustbins in the camp area and are dispose to one single pit. To ensure no water logging during monsoon temporary drainage facilities is provided in the camp site. Workshop Mechanical In-charge and workers are reminded to ensure minimal spillage of oil and hydraulic sprayer is used for greasing.

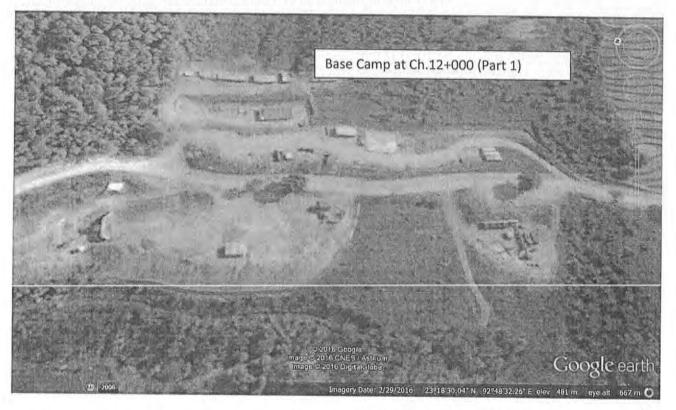


Figure 3: Google image of the Base Camp with coordinates

### 3.2.2 Sub Camp Buarpui (Ch.9+000) (Part 2):

Camp site is located at the distance more than 1.5km from the nearest settlement. The camp consist of engineers and supervisor quarters, site office, work shop and store room. The camp can accommodate upto 60 labour. At present 40 labourers are dwelling and there is 3 toilets and 2 bathrooms. Adequate fresh drinking water is provided. All mitigation measures and environmental practices stated above in for the bsae camp are also ensured.

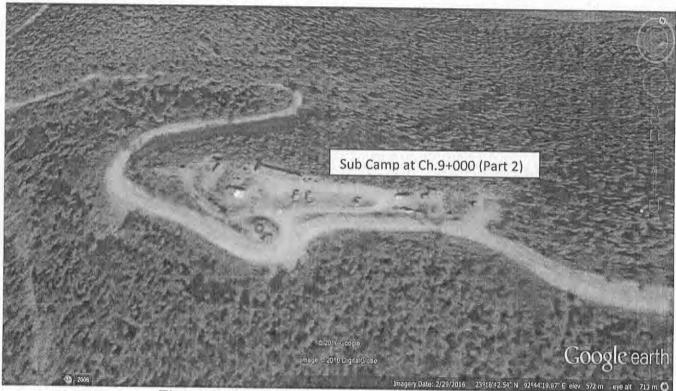


Figure 4: Google image of the Sub Camp with coordinates

### 3.2.3 Sub Camp Km 71 (Aizawl- Thenzawl Road MSRP)

Camp site is located at the distance more than 1.5km from the nearest settlement. The camp consists of engineers and supervisor quarters, work shop, store room and laboratory. The camp can accommodate upto 100 labour. At present 40 labourers are dwelling and there is 6 toilets and 4 bathrooms. Adequate fresh drinking water is provided. All mitigation measures and environmental practices stated above in for the base camp is also carried out in other camp. **Figure 5:** Google image of the Sub Camp with coordinates:



Figure 5: Google image of the Sub Camp with coordinates

### 3.3 SPOIL MANAGEMENT:

Earth spoil generated from earth cutting is disposed to an identified location with prior approval from CSC. In case of Village Council land consent from the concerned VCP is obtained. There are few other private lands used for disposal for which NOC from the landowner has been obtained. PIU, PWD has also provided disposal site for which detail list of the land appended as ANNEXURE XI. List of disposal site identified and land status till date is shown below in table no. 3:

SI No.	Loc	ation	PART	Current Status	Remarks	
	From	То		The very same		
1.	Km.80+1 00 (MSRP)	Km.80+0 100 (MSRP)	1	Open	Private Land, NOC obtained from Landowner. Appendix 10	
2.	Km.80+1	Km. 80+140	1	Open	Private Land, NOC obtained from Landowner. Appendix 11	

	(MSRP)	(MSRP)			
3.	5+360	5+420	2	Open	Village Council Land, NOC Obtained from concerned VCP. Shawn as Appendix1
4.	5+600	5+700	2	Open	SAME AS ABOVE
5.	6+040	6+060	2	Open	SAME AS ABOVE
6.	6+330	6+350	2	Open	SAME AS ABOVE
7.	6+170	6+230	2	Open	SAME AS ABOVE
8.	6+730	6+750	2	Open	SAME AS ABOVE
9.	6+840	6+860	2	Open	SAME AS ABOVE
10.	7+420	7+440	2	Open	SAME AS ABOVE
11.	7+630	7+700	2	Open	Private Land, NOC obtained from Landowner. Appendix 8
12.	7+720	7+760	2	Open	Village Council Land, NOC Obtained from concerned VCP. Appendix 2
13.	7+930	7+950	2	Open	SAME AS ABOVE
14.	8+120	8+140	2	Open	SAME AS ABOVE
15.	8+420	8+570	2	Open	Village Council Land, NOC Obtained from concerned VCP. Appendix 1
16.	8+680	8+890	2	Open	Village Council Land, NOC Obtained from concerned VCP. Appendix 2
17.	9+070	9+080	2	Open	Private Land, NOC obtained from Landowner. Appendix 3
18.	9+210	9+250	2	Open	Private Land, NOC obtained from Landowner. Appendix 7
19.	9+280	9+440	2	Open	Private Land, NOC obtained from Landowner. Appendix 6
20.	10+080	10+100	2	Open	Private Land, NOC obtained from Landowner. Appendix 5
21.	10+280	10+350	2	Open	Village Council Land, NOC Obtained from concerned VCP. Appendix 1
22.	10+760	10+840	2	Open	SAME AS ABOVE
23.	11+170	11+200	2	Open	SAME AS ABOVE
24.	11+330	11+530	2	Open	Private Land, NOC obtained from Landowner. Appendix 4
25.	11+720	11+770	2	Open	Village Council Land, NOC Obtaine from concerned VCP. Appendix 1

26.	11+920	11+970	2	Open	SAME AS ABOVE
27.	12+160	12+180	2	Open	SAME AS ABOVE
28.	12+210	12+240	2	Open	SAME AS ABOVE
29.	12+310	12+400	2	Open	SAME AS ABOVE
30.	12+670	12+700	2	Open	SAME AS ABOVE
31.	12+990	13+060	2	Open	Village Council Land, NOC Obtained from concerned VCP. Appendix 9
32.	13+320	13+340	2	Open	SAME AS ABOVE
33.	13+450	13+490	2	Open	SAME AS ABOVE
34.	13+540	13+570	2	Open	SAME AS ABOVE
35.	13+600	13+650	2	Open	SAME AS ABOVE
36.	13+760	13+780	2	Open	SAME AS ABOVE
37.	13+820	13+850	2	Open	SAME AS ABOVE
38.	14+310	14+360	2	Open	Village Council Land, NOC Obtained from concerned VCP. Appendix 9
39.	14+390	14+460	2	Open	SAME AS ABOVE
40.	14+570	14+620	2	Open	SAME AS ABOVE
41.	14+630	14+810	2	Open	SAME AS ABOVE
42.	14+900	14+950	2	Open	SAME AS ABOVE
43.	15+010	15+060	2	Open	SAME AS ABOVE
44.	15+760	15+810	2	Open	SAME AS ABOVE
45.	16+260	16+300	2	Open	SAME AS ABOVE
46.	16+430	16+470	2	Open	SAME AS ABOVE
47.	16+560	16+610	2	Open	SAME AS ABOVE
48.	17+680	17+710	2	Open	SAME AS ABOVE
49.	18+750	18+800	2	Open	SAME AS ABOVE

Note: Location between Ch.14+310 and Ch.21+100 is hard rock portion, although it is not used for direct disposal, but due to the existing road width some debris cannot be controlled due to

blasting. Therefore, initial consent has been obtained from the Village Council President as mentioned above in table no. 3.

### 3.3.1 MITIGATION MEASURES FOR DISPOSAL SITES:

Disposal at hill slope is subjected to landslide especially during monsoon, hence protection is required for such disposal site which are prone to landslide. Gabion toe wall are being taken up with the approval of CSC to the disposal site requiring for protection. Gabion toe wall has been approved by CSC for disposal sites in terms of mitigation measures for slope protection and future erosion. Photograph of such mitigation measures is displayed below:





Photographs 1 & 2: Protection measures at disposal sites

### 3.4 STONE QUARRY MANAGEMENT:

For extraction of stone for the project work is being carried out from Sentezel Quarry, Sailam also know n as Airport Quarry is located at km77 Aizawl – Thenzawl road (MSRP). The quarry is owned by Mr. R Chhuntluanga of Sailam Village and posses quarry permit from the concerned authority. The said quarry had been operated earlier for road project work of Mizoram State Road Project and an agreement had already been sign with the landowner. Considering the existing 'Lease Deed' terms and condition dated 1<sup>st</sup> March 2007 an agreement was sign with the landowner on 16<sup>th</sup> January 2015 with a time validity period of 3 years starting from the date of signing the Agreement. (i.e. 16<sup>th</sup> January 2015). Copy of the agreement and the 'Lease Deed' are shown in ANNEXURE VI. Figure 6: Google Image showing the quarry with coordinates.



Figure 6: Google Image showing quarry location.

### 3.4.1. QUARRY DEVELOPMENT

No activity of developing the quarry site is required since the quarry is an existing one. Hence, clearing of overburden, topsoil and other debris prior to commencement of stone collection is not required. Benching by 6 meters of height, for the entire width on the top is developed. Quarry rock is collected at the bottom of the hill in the space available between the rock face and the existing road. There is enough space of more than 30m wide from the edge of the existing road.

### 3.4.2. QUARRY OPERATIONS

The collection of rock and boulders are being carried out with the help of Loader/Excavator while Tippers are used to stockpile the collected material. Blaster operator and two supervisors remain during the operation to check that all weathered rock if any encountered in the blast is tested to confirm that consistency and quality is maintained. Other equipments are — Air compressor, Jackhammer, Generator set etc. Mainly two types of blasting are used in the extraction of the rocks from the aforesaid quarry. These are jackhammer type and drilling type. Materials used during blasting operation are Superdine (Shlery explosion), Detonating Fuse (DF), Ordinary detonator and Safety fuse.

the supervision of the PIU Team, Environmental Specialist and safety officer and site staff. Mizoram Environment Consultants (MEC) has been deployed by the Contractor for Air & water quality monitoring and the appointment confirmation of Mizoram Environment Consultants (MEC) for conducting air, noise and water monitoring is displayed in as Appendix 12.

### 3.6.1 AIR POLLUTION CONTROL

Dust generated from constructional work is generally suppressed by sprinkling water. Dust nuisance is highly prone during dry season and this time of year there is scarcity of water in the project area. However, water tanker is made available for sprinkling water wherever dust control is required. Sprinkling of water during dry season is carried in the settlement area along the project road. All constructional vehicle posses' valid registration as per the Transport Authority and it is mandatory to have Pollution under Control (PUC) to retained valid registration certificates for all commercial vehicles as per law. Hence, all vehicles have PUC.

Mizoram Environmental Consultants has conducted air monitoring quality during construction in August 2015 and March 2016 which is found to be satisfactory. Copy of the report is attached as **Appendix 13.** 

### 3.6.2 NOISE CONTROL

All machinery and equipments installed at the camps are well maintained with regular checks hence, the machineries giving out noise out of worn out conditions is steer clear of which if not generates more noise. This is a general practice of the company in regards to Plant and vehicles etc. Exhaust pipe of all vehicles plying within the settlement area of the project road are as per vehicle make company design and no further modifications is taken up which produces higher noise. Noise producing activities are carried in settlements only at day time. Such activities have been restricted in night time.

Mizoram Environmental Consultants has conducted noise monitoring quality during construction in August 2015 and March 2016 which is found to be satisfactory. Copy of the report is attached as **Appendix 13.** 

### 3.6.3 WATER POLLUTION

Every precaution is being carried out practicing good construction method avoiding contamination of the existing water bodies and perennial source available in the project area.

Mizoram Environmental Consultants has conducted water monitoring quality during construction in August 2015 and March 2016 which is found to be satisfactory. Copy of the report is attached as **Appendix 13.** 

### 3.7 CONTRACTOR'S REPORTING SYSTEM

It is observed that the Contractor's Safety Officer directly reports to the Project Manager about the environmental issues of project site. Safety Officer in consultation with the Project Manager operates the reporting system of environment management. The reports are prepared and submitted to CSC along with the monthly progress report. The report is in a summary for comprising of one page including all details and it is called "Summary of Safety Statics Report". The report for March 2016 is shown in as **ANNEXURE XII.** The details of reporting system as per contract EMP is tabulated below:

Table 4: Environmental Management Reporting System

SI No. No.	Item	Stage	Frequency	Responsibility	Implementation & Reporting to CSC
1	Identification of Disposal Locations	Pre – Construction	One Time	TCL	One Time
2	Setting up of Construction Camp	Pre – Construction	One Time	TCL	One Time
3	Borrow Area Identification	Pre – Construction	One Time	TCL	One Time
5	Tree Plantation	Construction	During Plantation	TCL	During Plantation
6	Top Soil Monitoring	Construction	Quarterly	TCL	Continuous
7	Pollution Monitoring	Construction	As Per Monitoring Plan	TCL	Quarterly
8	Disposal Site Monitoring	Construction	After & Before use	TCL	During Use

### ANNEXURE -I

### OFFICE OF THE MIZORAM STATE POLLUTION CONTROL BOARD AIZAWL: MIZORAM

### CONSENT TO OPERATE

No.H.88088/Poltn/9(83)/06-MPCB/124-121

٠.

Dated Aizawl, the 2<sup>nd</sup> March, 2016 Valid till 1<sup>st</sup> March, 2018

CONSENT TO OPERATE is hereby granted to M/S TANTIA CONSTRUCTIONS LIMITED for operating Hot Mix Plant, Concrete Batching Plant, Crusher Plant and Sand Washing Plant at Serethip to 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/POL/2015-16/4906 Dt.23.02.2016 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 shaft 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 time and/or violation of the Law/Act in case of non-compliance of any order/ directive issued at any
- (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 occurs or is apprehended to occur shall forthwith intimate the fact of such occurrence or the 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
- (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.

- If due to any technological improvement or otherwise this Board is of opinion that all or any of (11).the conditions referred above requires variation (including the change of any control equipment either in whole or in part), this Board shall after giving the applicant an opportunity of being heard, vary all or any or such conditions and there upon the applicant shall be bound to comply with the conditions so varied.
- This certificate will remain valid for a period of 2 (two) years from the date of issue. (12).
- The applicant, however, shall pay an annual consent fee every year before end of February (13).failing to comply which, this certificate is liable to be cancelled.
- This Certificate has been accorded basing on the particulars furnished by the applicant on behalf (14).M/S TANTIA CONSTRUCTIONS LIMITED and subject to addition of further or more conditions if so warranted by subsequent developments. The consent will automatically become invalid if any change or alteration or deviation is made in actual practice.

Sd/-C.LALDUHAWMA

Memo No. H.88088/Poltn/9 (83)/06-MPCB/

Member Secretary Dated Aizawl, the 2nd March, 2016

MIS TANTIA CONSTRUCTIONS LIMITED, D/31, Basic Mual, Ramblun North, Aizawl with reference to the application No. TCL/AZL/POL/2015-16/4906 Dt. 23.02.2016.

(C.LALDUHAWMA) Member Secretary

Mizoram Pollution Control Board

### ANNEXURE -II



### OFFICE OF THE MIZORAM STATE POLLUTION CONTROL BOARD AIZAWL: MIZORAM

### CONSENT CERTIFICATE (RENEWED)

No.H.88088/Polm/9(83)/06-MPCB//94

Dated Aizawl, the 20<sup>th</sup> January 2015 Valid till 20<sup>th</sup> January 2017

CONSENT TO OPERATE granted to M/s TANTIA CONSTRUCTION Ltd. vide letter No.H.88088/Poltn/9(83)/06-MPCB/73; Dt.20.0 F.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 another 2 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/20124-15/4431 dt 05,01.2015.

All the conditions stipulated in the earlier certificate shall remain same and shall be strictly complied with.

(C.LALDUHAWMA)

Member Secretary,

Mizoram Pollution Control Board.

Dated Aizawl, the 20th January 2015. Copy to: M/s TANTIA CONSTRUCTION Ltd with reference to the application No.TCL/AZL

/POL/2012-13/01 dt 14.11.2012.

Memo No.H.88088/Poltn/9(83)/06-MPCB/

(C.LALDUHAWMA) Member Secretary,

Mizoram Pollution Control Board.

Mizoram Pollution Control Board, 'Silver House', Tuikhuahtlang, Aizawl, Mizoram-796001 Ph.No.2326173/2316590 Fax:2316591 Email:mpeb\_azl@ynhoo.com Website:http://www.mizenvis.nic



Ref: TCL/AZL/POL/2014-15/4431

Date: 05.01.2015

The Secretary
Mizoram State Pollutiion Control Board,
M.G.Road,
Khatla, aizawl,
Mizoram.

Sub: Application for Renewal Consent for operate Certificate No.H/88088/Poltn/9(83)/06-MPCB/73 DT.20.01.2013

Dear Sir,

Please find enclosed herewith the conscent certificate No.H/88088/Poltn/9(83)/06-MPCB/73 issued on dt .20.01.2013 going to expire on 20-01-2015 .

We here by request you to please renew for the further 2 years .

Thanking you

Yours faithfully

FOR TANTIA CONSTRUCTIONS LTD.

(Authorised Signatory)

Encl:-

1. Original conscent for operate Certificate.



Registered omice 25/27, Netaji Subbas Road Kolkata 700 001, INDIA

Tel : +91 33 2220 6284 / (896 Fax : +91 33 2220 7403

Mep - www.tantlagroup.com

Corporate ornice

DD 10, sector 1, salr take city kolkara-700 064, INDIA

Tel : £91 33 4019 0000

Fax : F9 | 31 4019 000 | E-mail : info@darttagroop.com

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### OFFICE OF THE MIZORAM STATE POLLUTION CONTROL BOARD AIZAWL: MIZORAM

### CONSENT CERTIFICATE (RENEWED)

No.H.88088/Poltn/9(83)/06-MPCB/7-3

2 1 1 1 -1 -1 -1

Dated Aizawl, the 20th January 2013.

CONSENT TO OPERATE granted to M/s TANTIA CONSTRUCTION Ltd, vide letter No.H.88088/Poltn/9(83)/06-MPCB/59; Dt.19.02.2009 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 tons per hour is hereby renewed for another 2 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/2012-13/02 dt 14.11.2012

All the conditions stipulated in the earlier certificate shall remain same and shall be strictly complied with.

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

Memo No.H.88088/Poltn/9(83)/06-MPCB/ Copy to:

Dated Aizawl, the 20th January 2013.

1. The Director of Industries, Govt.of Mizoram, Aizawl for favour of information. 2. M/s TANTIA CONSTRUCTION Ltd with reference to the application No.

TCL/AZL/POL/2012-13/02 dt 14.11.2012.

Change

(C.LALDUHAWMA) 3 Member Secretary,

Mizoram Pollution Control Board,

### ANNEXURE -III

### OFFICE OF THE MIZORAM STATE POLLUTION CONTROL BOARD AIZAWL: MIZORAM

### CONSENT TO OPERATE CERTIFICATE

No.H.88088/Poltn/9 (83)/06-MPCB/ 93-94

Dated Aizawl, the 21<sup>st</sup> November, 2014 Valid till 20<sup>th</sup> November, 2018

CONSENT TO OPERATE is hereby granted to M/s TANTIA CONSTRUCTIONS LTD. for operating Hume pipe making industry at 15kms from Thenzawl Village, Mizoram having an installed production capacity of 20 nos. of Hume Pipe per day 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 (to be refer ed as Air Act and Water Act respectively) with reference to the application No.TCL/AZL/POL/2014-15/4364 dated 06.11.2014 and subsequent correspondence under the following terms and conditions: -

- 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, rare 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 forder 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 of such episodic discharges/emissions mentioned above the industry should take immediate of such episodic discharges/emissions mentioned above the industry should take immediate.

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.

The applicant shall furnish to the visiting officer and for 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.

(11) Tit-die to any technological improvement or otherwise this Board is of opinion that all or any of the conditions referred above requires variation (including the change of any control equipment either in whole or in part), this Board shall after giving the applicant an opportunity of being heard, vary all or

any or such conditions and there upon the applicant shall be bound to comply with the conditions so varied.

- (12). This certificate will remain valid for a period of 4 (four) years from the date of issue.
- (13). The applicant, however, shall pay an annual consent fee every year before end of September failing to comply which, this certificate is liable to be cancelled.
- (14). This Certificate has been accorded basing on the particulars furnished by the applicant on behalf of warranted by subsequent developments. The consent will automatically become invalid if any change or afteration or deviation is made in actual practice.

(C.LALDUHAWMA)

Memo No.H 88088/Polin/9 (83)/06-MPCB/

Copy to: MIS TANTIA CONSTRUCTIONS LTD.

Member Secretary

Dated Aizawl, the 21<sup>st</sup> November, 2014
with reference to the application

No. TCL/AZL/POL/2014-15/4364 dated 06.11.2014

(C.LALDUHAWMA)

Member Secretary

Mizoram Pollution Control Board. Silver House'. Tuikhnahtlang . Aizart. Mizoram-796001 Ph.No.2326173/2316590 Fax: 2316591 Email:mizorampeb@gmail.com Website:http://www.mizenvis.nic.in

### ANNEXURE -IV

SPEED POST



### GOVERNMENT OF INDLI MINISTRY OF COMMERCE & INDUSTRY PETROLEUM AND EXPLOSIVES SAFETY ORGANISATION(PESO)

(Formerly Department of Explosives) GNB Road, Bluryan Mansion, 4th floor, Ponchwett, Silpukhuri Guwahati 781003 Tele: 2662503 Fax: 2662503 Email: dycoeguwahati@explostves.gov.in

No: E/EC/MZ/22/34(E38508)

Mrs Tantin Constructions Ltd, 25/27 N S Road, 1st Floor, Kolkata-700001 Town/Village - Kolkata Disti, KOLKATA, State, West Bengal, Pincode-700001

Dated: 27/03/2015

Subject:

Possession for Use of Explosives from magazine at Survey Nu(s).: VCP Pass No.115, Village/Town, Village-Sailam, Distr. AIZAWL, State Mizoram Licence No.: B/EC/MZ/22/34(E38508) granted in Form LE-3 of

Sir(s),

Reference to your letter No.: nil dated: 16/03/2015, the subject because duly renewed upto 31/3/2016 and issued in Form LE-3 of Explosives Rules, 2008 is forwarded herewith.

For further renewal of licence, please submit the following documents so as to reach this office on or before 31/3/2016.

Application in Form RE-1 duly filled in and signed.

- Licence fees for one to five years in the form of demand draft drawn on any Nationalized Eank in favour of Jt. Chief . Original licence with approved plan.
- In this connection, please also refer to Rule 112 of Explosives Rules, 2008.
- 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 firearks store house)
- 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 fireorks store house)
- 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 Enclosures :

Copy Forwarded to:

Yours faithfully,

(K. P. SHARMA) Controller of Explosives

For Dy. Chief Controller of Explosives

Guwahati मख्य विस्फोटक नियंत्रक

गुवाहारो

District Magistrate, ATZAWL (Mizoram) for information.

For Dy. Chief Controller of Explosives, Guwahati

[For more information regarding status, fees and other details, please visit our wall site http://peas.gov.in]



### GOVERNMENT OF INDIA MINISTRY OF COMMERCE & INDUSTRY PETROLEUM AND EXPLOSIVES SAFETY ORGANISATION(PESO)

(Formerly Department of Explosives)
House No. 216, 2nd Floor, above IDBI, Chandmari,
Ouwahati, Assam Guwahati 781021

Tele: 2652783 Fax: 2652503 Email: dycceguwahati@explosives.gov.m

No.; E/EG/MZ/30/24(E61588)

Dated: 14/01/2016

1 4 JAN 2016

Nr. Vanlaldika S/O Zothunga, Zemabawk (Burawlut) Aizawl, Town/Village - 31 District-AIZAWL, State-Mizoram, Pingode -

Subject:

Shot Firer's Cartificate Certificate No.: E/EG/MZ/30/24(E61588) granted in Form LE-10 of Explosives Rules, 2008 -

Change in Postal Address/Purpose/Attached to Magazine .

Sir(s),

Please refer to your letter No. nel dated 13/01/2016 on the subject cited above.

The Shot Firer's Certificate No.: 6/EG/MZ/30/24(E61588) is forwarded herewith duly amended in respect of followings;

Change in Postal Address as above/Purpose/Attached to Magazine

Authorised class, category and type of blasting :

Class: (B), Category: General aboveground, All phases of aboveground blasting operation

[See explanation to sub-rule (5) of rule 107]

This Shot Firer's Certificate shall remain valid till 18/5/2016.

For further revalidation(if required), please follow the procedure under Rule 112 of Explosives Rules, 2008. Receipt of this letter may please be acknowledged.

Enclosures :

Copy Forwarded to:

(M.W.DUDHE)

Dy. Controller of Explosives

For Dy. Chief Controller of Explosives

च गवासामी

Police Staion, Bawngkawu, AlZAWL, Mizoram with reference to his Noc No: 12/BKN-PS/2016 Dated: 11/01/2016.
 Superintendent of Police, AlZAWL, Mizoram

For Dy. Chief Controller of Explosives, Guwahati

Ac

Form LE-10 Shot Firer's Certificate (See article 10 of Part 1 of Schedule IV)

[see rule 107(5) of Explosives Rules, 2008]

(Certificate of competency to carry out blasting of explosives in area not coming under the Mines Act,

No.: E/EG/MZ/30/24(E61588)

This is to certify that Shri Mr. Vanladdika S/O Zothanga, born on 01/03/1982 resident of Zemahawk (Berawlei) , Aizawi, 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

Authorised class, category and type of blasting:

Class : (B), Category : General aboveground, All phases of aboveground blasting operation

[See explanation of sub-rule (5) of rule 107]

This certificate shall remain valid till 18/05/2016 (five years from the date of issue)

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.

Place: Guwahati Date: 18/05/2011

> by. Chief Controller of Explosives Guwahati

(दरफोरक

Amendments:

THE REAL MANNEY CONTRACTOR COLL CONTRACTOR CONTRACTOR

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

Endorsement for revalidation

Date of Revalidation

Date of Expiry

Signature of licensing authority

Statutory Warning: Mishandling and misuse of explosives shall constitute serious criminal offence under the law.

### CONDITIONS

### No.: E/EG/MZ/30/24(E61588)

- This permit authorizes the permit holder to conduct blasting so long as he is working under the
  employment/contract of M/s Tantia Constructions Ltd holding valid licence (Licence No. E/EC/MZ/22/34
  (E38508) in Form LE-3 of Explosives Rules, 2008.
- All local laws and regulations applicable for obtaining, owning, transporting, storing, hardling and using explosive materials shall be followed.
- 3. Explosive materials shall be protected form unauthorised possession and shall not be abandoned.
- Explosive materials shall be used only by experienced persons who are familiar with the hazards involved and who
  hold all required permits.
- Loading and firing shall be performed or supervised only by a person possessing an appropriate shot firer certificate and permit to blast.
- Trainees helpers and other persons who do not hold the required shot firer certificate or permits shall work only
  under the supervision of persons holding such permits.
- No explosive materials shall be located or stored where they may be exposed to flame excessive heat sparks or impact.
- 8. No smoking shall be permitted within 15 mene of any tocation where explosive are being handled or used.
- No person with in 15 metres of any location where explosive are being handled or used shall carry any matches
  open light or other fire or flame. However, suitable devices for lighting safety fuse are exempted form this
  requirement.
- No person under the influence of intoxicating liquors narcotics or other dangerous drugs shall be allowed to handle explosive materials.
- Explosive materials shall be kept in close approved containers or packages while being transported between the storage magazine and the blasting site.
- 12. A holder of a shot firer certificate and Permit to Blast shall keep a daily record of all explosive materials received and fired or otherwise disposed of by the permit holder. Such records shall be retained for five years.
- 13. The shot firer and the employee shall be conversant with precedure to be taken during the emergency.
- 14. The holder of the shot firer certificate shall comply with all or any of the directions as may be given by the Controller from time to time in the interest of safety.
- 15. Accidents by fire or explosion and losses, shortage or theft of explosives shall be immediately reported to the nearest police station and the Controller of Explosives having jurisdiction over the area.

Dy. Chief Commiller of Explosives रिव मुख्य विस्फोर माणणां मन

गुवाहाटी

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भारत सरकार | Government of India
वाणिज्य और उपीय मंत्राजय | Ministry of Commerce & Industry
' पेट्रोजियम तथा विस्फोटक सुरक्षा संगठन (पेसी) | Petroleum & Explusives Safety Or gentsation (PESO)
पूर्व नाम- भैरफोटक विभाग | Formerly- Department of Explusives
प्रकार क्रियान | भिर्माटक विभाग | Formerly- Department of Explusives
पर जमान- २१६, दूसरी मंजिल, UBH देंस के ऊपर. संदुक्तारी | House bin. 216, 2nd Plant, above IDBI, Chardman,

युवाहाटी, आसाम -१९८९-२१ मुवाहाटी | Ginvahati, Asson Guwahati 781021 फोल (Phone): 2652783 | फेल्स (Fax) - 2652503 ई-मेल Gmail: dyca:egnwahati@expleares gov in

संख्या (No ): E/EC/MZ/22/34(E38508)

ferrire (Date) 05/04/2016

संवा में । То

M's Tantia Constructions Ltd.

25/27 N.S.Roud, 1st Floor, Kolkota-700001, Yown! illaga - Enikata

District-KOLKATA, State-Wast Bungal, Pincode - 200001

विषय :

Survey Mo(s), VCP Pass No.115, आम Village-Sailam, जिला AIZAWL, राज्य Mizoram में विस्फोटक के मैगजील में उपयोग के लिए करना हेत् विरुफोटमा निचम, 2008 के अंतर्गत LE-3 में जारी अनुसार सं 1//EC/MZ/22/34(E38508) के अमीनीकारण संदर्भ में।

Subject

Possession for Use of of Explosives from magazine situated at Survey No(s), VCP Pass No. 115, Village-Sailam, Dist. AZAWL, Mizonim -Licence No.: E/EC/A/Z/22/34(E/38508) granted in Form L.E.-J of Explosives Rules, 2008 - Renowal regarding

महोदय | Sir.

आपका उपर्युक्त विषय पर पत्र संख्या TCL/DCCE/GHY/15-16/ दिलांक 21/03/2016 का संदर्भ बहुण करें। विश्काटक विथव, 2008 के अंतर्गत प्रश्नप्र LE-3 में जारी अनुजाति दिलाक 31/3/2019 तक नवीलीकृत कर इस पत्र के साथ भेजी जा रही है। Reference to your letter No.: TCL/DCCE/GHY/13-16/ dated: 21/03/2016, the subject licence duty renewed upto 31/3/2019 and issued in Form LE-3 of Explosives

अनुभति के आगाओं संबोध्वरण हेतु कृपया सिम्नलिखित दहलायज दिलोक 31.013/2019 से पहले इस कार्यालय का शेजे जाएं. For further renewal of licence, please submit the following documents so as to reach this office on or before 31/3/2019.

- प्रस्य आरई-1 जो विधियत पूर्ण यथं हस्लामापित आवेदता। Application in Form RE-1 duly filled in and signed.
- एक से पाँच वर्ष के अनुसारी शुरूक का बैक धुापट। बैंक ड्राफ्ट किसी भी राष्ट्रीयकृत बैंक के नाम आहरित संयुक्त मुख्य विस्फोटक नियंचक कोलकाता के पक्ष Licence fees for one to five years in the form of demand draft drawn on any Nationalized Bank in favour of Jr. Chief Controller of Explosives, Kolkata

अनुमोदित प्लान के साथ मूल अनुसास। Original licence with approved plan-

- मुख्या इस संबंध में विक्षारिक विवास, 2008 के नियम 112 का भी संबंध बहुण करें। In this connection, please also sofer to Rule 112 of Explosives Rules, 2003.
- विस्फोटकों के क्षत्र हैतु आरई-11 में मांमपन (इंडेंट) आपूर्लिकरों को दिया जाग और उसी की एक प्रति दूस कार्यालय की भेजी जार्थ (आलिशवाजी गोदाम के 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 Greworks
- कृपया विरुफोदकों की वैकासीक विवरणी हर तिमाही के अंत में आरई-7 में पस्तुत की जायं । विवरणी इस कार्यालय के कार्यालय में आनामी तिमाही के 10 तारीक से पहले पहुंच जानी चाहिए (आतिशवाजी मोदाज के लिए लागू नहीं )। Please submit quarterly returns of exploxives in RB-7 at the end of every quarter so as to reach this office by 10th of the succeeding quarter. (Not applicable for fireworks afore house)
- सभी ब्लास्टिंग आपरेशन एक सक्षम हारा की जाएणी जो उपरोक्त शियमों के तहत एक वैध शांट फायर प्रमाण्यत्र धारक हो। हामांकि खान अधिनियम 1952 के अधीन आने वासे खानों में व्याहिटन आपरेशन करने वासे 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.

आपके बाते में रुपए आब/ की राशि शेष हैं जो इस संदर्भ को उज्जत करते हुए भगिष्य के संस्थवहार में समायोजित की जा सकता है । An amount of Rs. 300/- halance is in your credit, which may be utilized for future transaction by quoting this reference.

Your's faithfully

alte (एम. प्रब्लू: दुप्ते | M.W.DUDIHO

हम विकासितक विश्वास । Dy Commoller of Explosives

कृते उम मुख्य विकाशिदक शियंग्रस | For Dy Chief Controller of Explessver

प्रतिशिषि पेषित | Copy Forwarded to:

जिला मजिक्ट्रेट (District Magistrate), AIZAWI. (Misoram)- सूचना के लिए (thr information.)

angich Guwaliati उप मुख्य विस्कोटक नियंत्रक

गुवाहाटी

भास विस्कृतिक गवाहार

### अनजिस प्रस्प एल. ई.-3.| LICENCE FORM LE-3

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

(स) उपयोग के लिए एक समय पर वर्ग 1,2,3,4,5 या वर्ग 7 के विस्फोटक या किसी मेंगजीव में यर्ग 6 के विस्फोटक रखन के लिए अनुमित Licence to pussess: (c) for use, explosives of class 1, 2,3,45,6 or 7 juncting azine:

2MZ/22/34(E38508)

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

1. Licence is hereby granted to

M/s Tautta Constructions Ltd (affinitiff / Occupier : 0, L. Ajitsurla), 25/27 N.S. Rnad, Ist Floor, Kolkan Contec-KOLKATA, State-West Bengol, Funcade - 700001

को अनुजसि अनुदत्त की जाती है।

2. अनुसर्विधारी की प्रास्थिति | Status of licensee : Company

 अनुज्ञति निम्नलिखित प्रयोजनी के लिए विधिमान्य है। Licence is valid only for the following purpose.

possess for use of Nitrate Mixture, Electric Detonators, Detonating Fuse, - के उपयोग के लिए

 अनुज्ञांसे विस्फोटकों के निम्नलिखित किस्मों, प्रकार और मात्रा के लिए विधिमाल्य है। Licence is valid for the following kinds and quantity of explosives: - (48) (a)

Sr. No.	नाम और विवरण Name and Description	यर्ग और प्रभाग Class & Division	Sub-division	मात्रा किसी एक सवस क्र Quantity at any one time
2	Nitrate Mixture	2,0	0	450 Ku
3	Electric Detonators Detonating Fuse	6,3	0	1000 Nos.
*******		6.2	0	1500 Mus

(ब) किसी एक कलेंडर मास में खरीदे जाने वाले विस्फोटक की मात्रा (अनुच्छेद ३(ख) और (ग) के अधीन अनुज्ञित के लिए। (b) Quantity of explosives to be purchased in a calendar month[applicable for licence under article 4(b) and (c)) : 5 निक्नलिखित रेखाचित्र (रेखाचित्रों) से अनुसर परिसर की पृष्टि होती है।

as above.

10 times

The licensed premises shall conform to the following drawing(s):

रेकावित क. (Drawing No.) E/EC/MZ/22/34(E38508) दिजांक (Dined) 09/11/2006

6. अनुनति परिसर निक्नलिखित पते पर स्थित हैं। The licensed premises are situated at following address: Survey No(s). VCP Pass No.115 , 4HH (Town/Village): Village-Sailan

जिला (District) दूरभाष (Phone)

AIZAWL

राज्य (State) ई. मेल (E-Mail)

पुलिस याना (Police Station) : Slalsule पिनकोड (Pincode) फैक्स (Fax)

अनुजित परिसर में निम्नितिखित सुविधाएं अंतर्थिष्ट हैं। The licensed premises consist of following facilities.

Portable mag, H & S type.

- अनुकृति समय समय पर यथासंशाधित विरुफोटक अधिनियम, 1884 और उनके अधीन विरुधित विरुफोटक नियम, 2004 के उपवंधी, शलों और आतिरिक्त शतों और निम्नलिखित उपावध्यों 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.
  - उपर्युता क्रम सं 5 में यथा कथित रेखाचित्र (स्थान सिन्तमाण संबंधी और अन्य विवरण दर्शित करते हुए)। Drawings (showing site, constructional and other details) as stated in serial No. 5 above.
  - अनुजाति प्राधिकारी व्यापरा हरला शरित इस अनुजाति की शर्त और अतिरिक्ति शर्ते। Conditions and Addinoual Conditions of this licence signed by the licensing authority.
  - 3. द्वी प्ररूप DE-2 | Distance Form DE-2.
- 9. यह अनुजासे तारीख 31 मार्च 2008 तक विधिमान्य रहेगी। This licence shall remain valid till 31st day of March 2008.

यह अनुसरि, अधिनियम या उसके अधीन विरचित नियमों या अनुसूची V के भाग । के प्रति निर्दिष्ट संद-VII के अधीन लगा उपवर्णित इस अनुमति की शतों का अधिक्रमण करने या यदि अनुसस परिसर योजना या उससे संलग्न उपवंध में दर्शित विवरण के अनुरूप नहीं पाए जाने ।र जिलांवित या प्रतिसंहत 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 liceused premises are not found conforming to the description shown in the plans and Annexure attached hereto.

सारीख | The Date - 09/11/2006

संयुक्त मुख्य विस्कोटक नियंत्रक | Joint Chief Controller of Explosives East Circle office, Kolkata

Amendments:

Amendment of Quantity of Explosives/Monthly Purchase Limit dated: 15/05/2014 Change in Postal Address dated: 13/02/2015

नवीनीकरण के पृष्ठांकन के लिए स्थान Space for Endorsement of Renewal

नवीकरण की तारीख Date of Renewal

समाप्ति की तारीख Date of Expiry

05/04/2016

31/03/2019

अनुसापन प्राचिकारी के हस्ताक्षर और स्टाक्प Signature of licensing authority and stamp US City Court of Explosives, Guwahan अप नुस्म जिल्लाटिका निर्मादिक

कानूनी चेतायनी : विस्फोटकों को मलत ढंग से चलाने या उनका दुन्यायोग विधि के अधीन गंभीर दांडिक अपराध होगा। Statutory Warning: Mishandling and misuse of explosives shall constitute serious criminal offence under the law. LICENCE FORM LE-7

(See article no 7 of Part 1 of Schedule IV of Explosives Rules, 2008)

Licence to: transport explosives in a road van

Licence No. : E/EG/MZ/25/1(E84574) Annual Fee Rs:2500/-

> Licence is hereby granted to: M/s. Tantia Constructions Ltd. (Occupier : Shei Banwari Lal Ajitsacia) D/72 Basic Muai Rambion North Aizawi,

District-AIZAWL, State-Mizorum, Pincade-796012

Status of licensee: Company

Particulars of the road van:

Registration No. MZ-01-C3616 Make and model of vehicle Bolero Unladen weight 1745 Kg(s) Maximum laden weight 2750 Kg(s) Maximum quantity of explosives permitted for transport 1005 Kg(a) Engine No. AB41C16884 Chassis No. 41C16613 Description of Other Fittings

The licensed premises shall conform to the following drawing(a): Drawing No: E/EG/MZ/2S/1(E84574) dated: 30/01/2015

The licence is granted subject to the provision of Explosives Act 1884 as amended from time to time and the Explosives Roles, 2008 framed thereunder and the conditions and the following annexures.

(a) Drawings of the road van as stated in serial no.4 above.

(b) Conditions signed by the licensing authority

Quantity of Explosives permitted to carry

This licence shall remain valid till 31st day of March 2016

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, 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.

The Date: 30/01/2015

4-13-55-5

Sell-Dy. Chief Controller of Explosives Girwaliati

Endorsement for renewal of licence:

Date of Renewal

Date of Expiry

Signature of heeqsiffit authority

1005 Kg(s)

05/04/2016

31/03/2019

Dy Chief Controller of E उप मुख्य विस्कादव

Statutory Warning : Mishandling and misuse of explosives shall constitute serious ections at the law.



#### GOVERNMENT OF INDIA AUNISTRY OF COMMERCE & INDUSTRY PETROLEUM AND EXPLOSIVES SAFETY ORGANISATION (PESO)

(Formerly Department of Explosives) House No. 216, 2nd Floor, above IDBL Chandmari, Guwahati, Assam Guwahati 781031 Tele: 2652783 Fax: 2652503 Email: dyeecguwahah@explosaves.gov.in

No:E/EG/MZ/25/1(E84574)

Dated: 05/04/2016

Ma Tanna Constructions Ltd. Di72 Basic Mual Ramhlun North August Town Village - Atzerel Distt. AIZAWI., State. Mizoram, Pincode-796012

Subject

Road Van for the carriage of Explosives Registratina No MZ-01 C3616 Licence No.E/EG/MZ/25/1(E84574) granted in Form LE-7 of of Explosives Rules 2008 - Renewal regarding

Sir(s),

Reference to your letter No.: TCL/DCCE/GHY/15-16/ dated: 21/03/2016, the subject license duly ranewed upto 31/3/2019 and issued in Form LE-7 of Explosives Rules, 2008 is forwarded berewith.

For further renewed of licence, please submit the following documents so as to reach this office on or before 31/3/2019.

Application in Form RE-1 duly filled in and signed.

Licence fees for one to five years in the form of demand draft drawn on any Nationalized Bank in favour of dt. Chief Controller of Explosives, Kolkata payable at Kolkata.

Original licence with approved plan.

In this connection, please also refer to Rule 112 of Explosives Rules, 2008.

Please follow following instructions strictly

The records of explosives transported by the licenced Rondvan shall be maintained in the proforma RE 6 under Part 5 of schedule V of

Explosives Rules 2008.

Please ensure that persons whose antecedents verified by the local Polics shall only be employed with the hierarch explosives roadvan/compressor mounded truck as drivers or cleaners. List of such drivers and cleaner's alongwith the personal particulars shall be made available to the local police in advance. The re-verification of such staff shall also be made at least once in a year in compliance to Rule 61(3) of Explosives Rules 2008.

Please note that during transportation of explosives, the Roadvan shall always be sitended to by two armed guards. If the consignment of explosives is likely to pass through sensitive areas notified by Ministry of Hone Affairs, it should be excorted by anned Police excort / guard provided by District Police Administration as required in Rule 67(7) of Explosives Rules 2008.

An amount of Rs. 800/- balance is in your credit, which may be utilized for future transaction by quoting this reference

Enclosuces:

(M.W.) UDHE Dy. Controller of Explosives

For Dy. Chief Controller of Explosives

Copy Forwarded to:

District Magistrate, AIZAWL (Adzorum) for information

For Dy. Chief Controller of Explosives, Genvalrati

The following are the conditions of licence number E/E/C/MZ/22/34(E38508) to possess for sale or use, explosives of Class 1,2,3, 4, 5, 6 and 7 in a magazine in Form L.E.-3 (articles 3(h) to (c) ) granted by Chief controller of Explosives or Controller of Explosives.

The quantity of explosives on the premises at any one time shall not exceed the licensable capacity

The magazine used for storage of explosives shall maintain safety distance specified in Schedule III and annexure to the 3.

The magazine shall be used only for keeping all explosives specified in this licence and of receptacles for, or tools or implements for work connected with the keeping of such explosives.

The opening of packages and the weighting and packing of explosives shall not be carried on in the magazine Two or more description or explosives which may be permitted to be kept in the magazine shall be kept only if they are

separated from each other by an intervening partition of such substance or character, or by such intervening space, as will effectually prevent explosion or fire in the one communicating with the other. Provided that

(d) the various explosives of Class 2 (nitrate-mixture), Class 3 (nitro-compound), safety fuses belonging to Class 6 Division land detonating (uses belonging to Class 6 Division 2 as do not centam any exposed non or steel, may be kept with each other without any intervening partition or space

(e) Defouators belonging to Class 6 Division 3 shall be kept separately

(f) Gun powder belonging to Class 1 shall be kept separately

Explosives of Class 3 (nitro compound) shall not be kept in the magazine after the expiration of one year from the date of their manufacture except with the special sanction of licensing authority.

Explosives of Class 3 (nitro compound) shall not be kept in the magazine after the expiration of one year from the date of their manufacture except with the special sanction of the Controller of Explosives (i) When such sanction has been given, a written certificate showing the period covered by the sanction shall be obtained

from the Controller of Explosives at each inspection, and shall be kept by the licensee and produced on demand.

(ii) When an explosive owing to its being no longer of standard purity or owing to signs of liquefaction or of exuded nitro-

glycerin or liquid nitro-glycerin or liquid nitrocompound is no longer fit for storage in the magazine or store house the licensee shall comply, at his own expense, with such directions as to its disposal as the Chief Controller or Controller of

The interior of the magazine and the benches, shelves and fittings therein shall be so constructed or so fined or covered as to prevent the exposure of any iron or steel contact with the explosives. Such interior, benches, shelves and fittings shall so far as is reasonably practicable, be kept free from grit and shall otherwise be clean; and in the case of any explosives liable to be dangerously affected by water, due precantions shall be taken to exclude water there from; Provided that so much of this condition as relates to precautions against the exposure of any iron or steel shall not be

obligatory in a building in which no explosive other than explosive of the 1st Division 6th (Ammunition) Class is kept If the fighting conductor is tested by the Controller of Explosives, the ficensec shall pay the fees prescribed for test. In the even of the test proving unsatisfactory, the same fees shall be payable by the licensee for each subsequent test until the lighting conductor is passed by the testing officer as satisfactory Provided that the fees payable for a single test shall be charged for all tests made on a conductor during any one day

Provided further that where two or more lighting conductors are attached to one and the same magazine, the fee for the testing of all such conductors shall not exceed the fee prescribed in this condition for testing a single lighting conductor

Due provisions shall be made, by the use of suitable working clothes without pockers, suitable shoes and by searching or otherwise or by such means, for preventing the introduction into danger area of the factory premises of fie, Luciller matches or any substance or article likely to cause explosion or fire, but this condition shall not prevent the introduction of an artificial light of such construction, position or character as not to cause any danger of tire or explosion. Provided that so much of this condition as applies to the exclusion of iron or steel, shall not be obligatory in a building in which no explosive other than an explosive of the 1st Division of the 6th (Ammunition) Class is kept.

The licensee shall keep records and accounts of all explosives in Forms RE-3 and RE-4 or RE-5, as the case may be, and exhibit the stock books and records to any of the officers authorised under the Explosives Rules, 2008 whenever such officer may call upon him to do so. The stock books in the prescribed proforms shall be page numbered 12.

No changes or alterations shall be earried out to the premises without prior approval of the licensing authority and the licensee shall comply with any condition that may be specified by the licensing authority in this behalf.

Migazine shall at all times be kept in state of good repair (or maintained in good condition). The licensee shall report to 13. licensing authority forthwith, if the magazine becomes unfit for storage of any explosives for any reason whatsoever. 14.

The licensee of the magazine shall authorit quarterly return as per sub-rules (3) and (4) of rule 24 of these rules.

Any encroselment of the safety distance shall be immediately communicated to the licensing authority for necessary 15.

The licensing authority shall be immediately informed for advice if any explosive is found deteriorated or unserviceable The explosive packages shall be stocked in such a way so as to allow movement of at least one person to check the 17 condition of all packages stored and to read the manufacture particulars of each package

The resistance of the lightning conductor to earth shall be as low as possible and in no case be more than 10 ohms.

The resistance of the lightning conductor to earth shall be as low as possible and in no case be more than 10 ohms. A distance of 15 meters surrounding the magazine or store house shall be kept clear of dried grass or bush or flammable materials.

Every package of explosive at the time of bringing inside the magazine shall be examined for its sound condition. 20. 21.

Not more than 4 persons shall be allowed inside the maguzine or store house at any one time. 22

Empty packages of the explosives shall be removed at the earliest and destroyed.

The licensee and the employee shall be conversant with procedure to be taken during the emergency within the premises. Free access to the licensed premises shall be given at all reasonable times to any inspecting or sampling officer and every facility shall be afforded to the officer for ascertaining that the provisions of the Act and these rules and the safety

conditions are duly observed.

If the licensing authority or a Controller of Explosives informs in writing, the holder of the licence to execute any repairs or to make any additions or alterations to the licensed premises or machinery, tools or apparatus or earry out recommendations, which are in the opinion of such authority may pose unacceptable risk and so necessary for the safety of either on-site or off-site of the premises or persons, the holder of the license shall execute the recommendations and report compliance within the period specified by such authority.

The licensee shall purchase authorised explosives/ fireworks or safely fuse as mentioned in the list authorised explosives from a licensed factory or company for possession and sale from the magazine

The possession and sale of fire-crackers generating noise level exceeding. a) 125 dB(AI) or 145 dB(C)pk at 4 meters distance from the point of bursting shall be prohibited,

b) For individual fire-cracker constituting the series (joined fire-crackers), the above mentioned limit be reduced by 5 log10 (N) dB, where N = number of crackers joined together.

Accidents by fire or explosion and losses, shortage or theft of explosives shall be immediately reported to the nearest police station and the licensing authority and local office of the licensing authority

> Sel For Joint Chief Controller of Explosives East Circle office, Kolkata

Form DE-2 (See rule 113 of the Explosives Rules, 2008) (Distance Form to be attacked to the becase)

Safety distinaces required to be kept clear around magazine for high explosives or fire works or factory licence number E/EC/MZ.022/34(E38508) in form LE-3 granted to M/s Tantia Constructions Ltd, 25/27 N S Road, 1st Floor, Kolkata-700001, Mizoram-.

	Type of Structure(s)	Safety distances	s meters
	Inside Safety Distances(ISD)		
1	SCARIL OF AVOICESHOD USED IN Connection with the Advance		
2	Any other Explosives Magazine or store House or Factory of the Applicant	In	24)
3	Magazine Office		
	Middle Cores No.		
4	Middle Safety Distances(MSD)  Magazine Keeper's or Chowkidar's Dwelling house		
5	Railway including Minerals and Private Railways		
6	Canal (in netive use) or other navigable water		
7	Dock or Pier or Jetty		
8	Public Highway of Public Road		
9	Private Road which is PRINCIPAL means of access to a Temple, Musque, C. Gurudwara or other places of worships. Hospital College School Temple, Musque, C.	45	8
	Gurudwara or other algers of procedure to a Temple, Mosque, C	hurch.	
10	Gurudwara or other places of worships, Hospital, College, School or Factory River Embankment or Sea Embankment or Public Well		
11	Reservoir or Bounded lank/rope way		
12	Windmillor or Solar panel for Power Generation		
	Para Para Mar Tower Centralian		
44	Outside Safety Distances(OSD)		
13	ASSOCIATION I TORISC		
14			
15			
16		E. Carlot	
17	Theater, Cinema or other Building where the public are accustomed to assemble	sprint.	
18	Pactory Process		
10	The state of the s	er bess	
19	inflammable or hazardous substances	tuner.	
15	Building or Works used for Storage and Manufacture of Explosives or of articles of commit Explosives	which 95	
20	Aerodrome	ville ii	
21	Furnace, Kiln or Chimney		
22	Quarry or mine pit head		
23	Power House or Electric Substation		
	Wireless Station		
25	Warehouse or other Storage Building		
26	Any other Protected works		
	Thy other Protected Works		
77	Electric Personal Control Overhead Electric lines		
27	Essettie Folyer over head Transmission I in the	200	
28	Electric Power over head Transmission Lines upto 440V	90	
	A STATE OF THE PARTY OF THE PAR	15	
	DASSAYS #		
te (	9/11/2006		

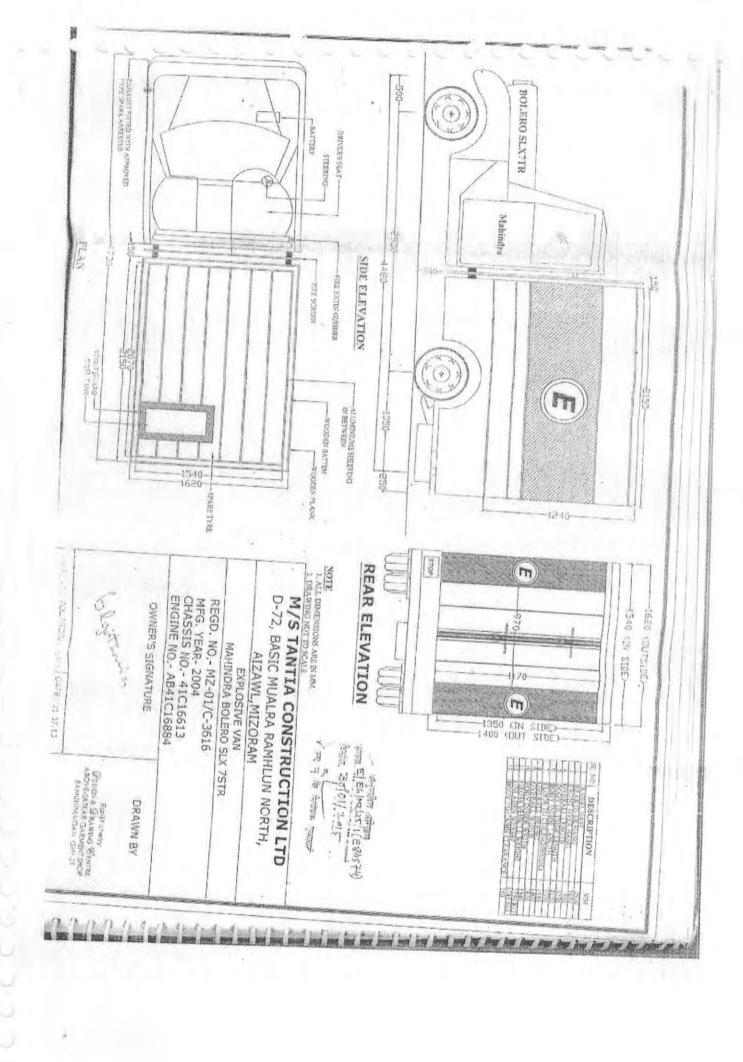
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For Joint Chief Controller of Explosi s East Circle office, Kolkata

Amendments:

• Amendment of Quantity of Explosives/Monthly Purchase Limit dated: 15/05/2014

• Change in Postal Address dated: 13/02/2015



## ANNEXURE -V

### EGDIKAT - A LIL

(See Sub-Rule (1) of Rule 11)

# NO. F.14022/1/2015-DEO(A) GOVERNMENT OF VELORAM DISTRICT LABOUR, EMPLOYMENT & INDUSTRIAL TRAINING MIZORAM : ATZAWL

Theorem No. Date of Licence Issued 1MW(3) 2/2015 5th June, 2015

### RENEWAL OF LICENCE

chale. Share Migrant 3) retimen (Regulation of Employou at A. Condumus of 2012) = 0.42-1929; (See Rule 14)

Nation & Address
of Contractor

TANTLA CONSTRUCTION LTD.

D-12, Busic Munt, Ramhlun North, Aisawt, Mizoram.

Some & Place of Work ;

Construction at Aizawf, Champhai, Hanhwing, Suirang & Fut Bridge.

Sough Hothers

300 mis

thate of Benenal

5th June, 2015

h. special for Beneval

Rs. 1800. (Rupees One Thousand Live Hundred) only.

Land of expury

4th June, 2016 (Midnight)

Licensing Officer, LE & IT Department Alzavi District, Mizoram

SPS The Revenue shall read and lands the terms and constal as amores it much as

## ANNEXURE -VI

## 77 - Gharry Agreement

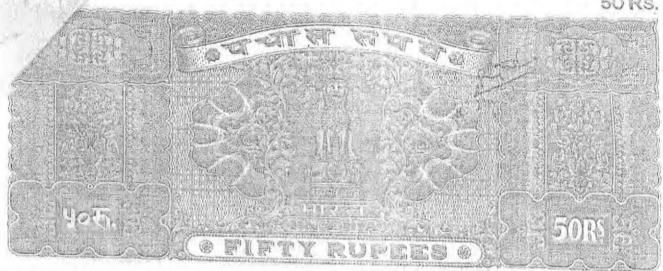
- 1) I rereased nate of Royally 78 puesay Arr Post Quarry.
  Forms 12.50 to Re 16.00 Ps. MT (RSKIKIEEN PER MITON)
- 21 Agreement time vollistity 3 (Three) years from OI 01 201570 Oct. 31 Dec 2017 (34eors) WEF 1.12015
- To be Paid within one Months 1-e. 16-02-2015
- 4) Other Terms and conditions will be same remain
- 2) Buth Parties Are agree and Acceptage

Tanta Construction Court.

(H. K. BARIVAH) 12015 Tendia Constaurain LH. (RL. VANLALITALINA)

(R. CHHUNTLUAMAA)

CZOHNIKGLIANA ZOTE



#### LEASE DEED

This Deed of Lease is made on this 15th day of March 2007.

#### BETWEEN

R. Chhunthuanga S/o Late Thanghlira aged about 44 years, a permanent resident of , PO. Aibawk , PS . Sialsuk & Dist. Aizawl hereinafter referred to as "Lessor" which expression unless the same is repugnant to the context shall include the executors, administrators and assigns of the LESSOR and M/S TANTIA CONSTRUCTIONS LIMITED, a Company incorporated under the Companies Act, 1956 having its Registered Office at 25/27 Netaji Subhas Road, Kolkata With its Local Office at D/72, Basic Mual, Ramhlun North, Aizawl 796001 hereinafter referred to as "the Lessee" which expression unless the same is repugnant to the context shall include the successors and assigns Company whereby it is agreed between the Parties as follows:

Whereas the Lessee has been granted a project by the Government of Mizoram for "Improvement and Upgradation of PIA - II : Hamifang -Buangpui Section of Alzawl - Thenzawl -Lunglei Road Phase I (58 - 98.2 Km)". The Lessee for the aforesaid project requires stones and thereby desire to collect the stones by quarrying from the land belonging to the Lessor through the permit granted to him by the Geology & Mining Wing of the Directorate of Industries, Mizoram, Aizawl.

Ragistrar or Documents

Contd....2

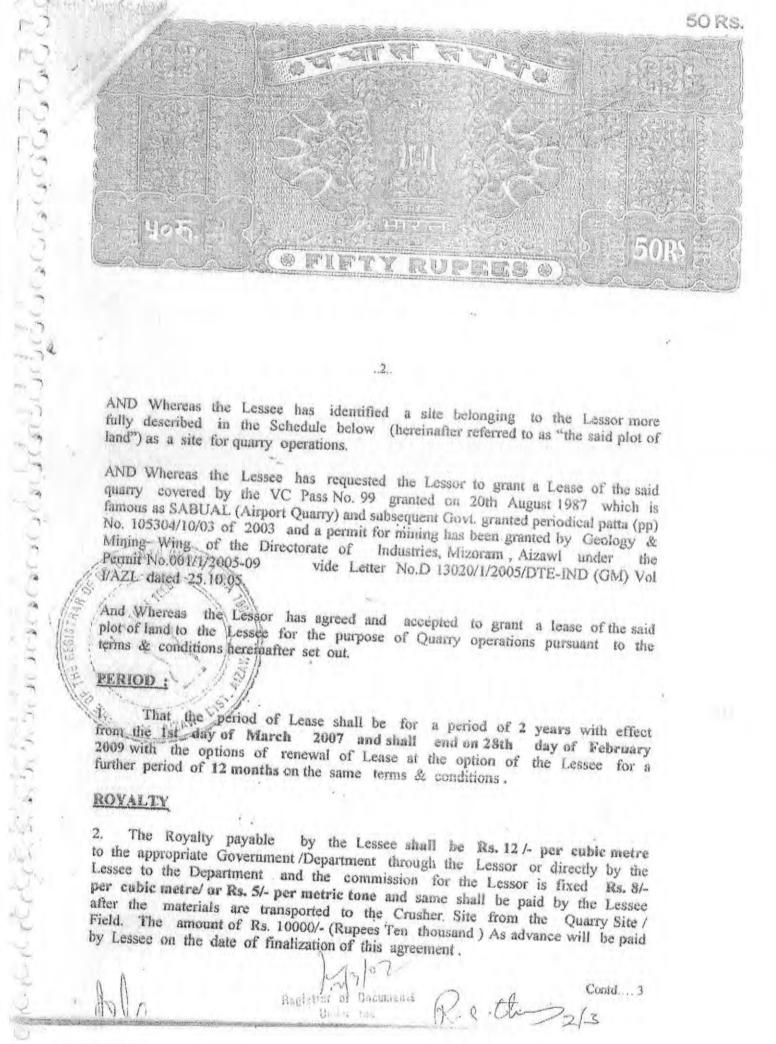
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Act 10 18 4 1998 4 Alzawi Base and The pol 7

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..2..

AND Whereas the Lessee has identified a site belonging to the Lessor more fully described in the Schedule below (hereinafter referred to as "the said plot of land") as a site for quarry operations.

AND Whereas the Lessee has requested the Lessor to grant a Lease of the said quarry covered by the VC Pass No. 99 granted on 20th August 1987 which is famous as SABUAL (Airport Quarry) 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 Permit No.001/1/2005-09 vide Letter No.D 13020/1/2005/DTE-IND (GM) Vol I/AZL dated -25.10.05

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 operations pursuant to the terms & conditions hereinafter set out.

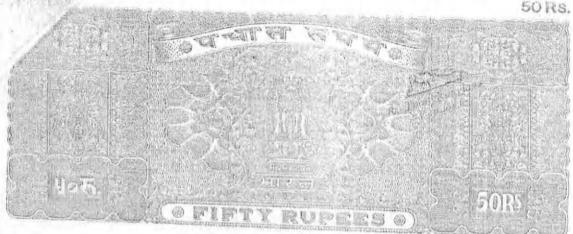
### ERIOD

That the period of Lease shall be for a period of 2 years with effect from the 1st day of March 2007 and shall end on 28th 2009 with the options of renewal of Lease at the option of the Lessee for a further period of 12 months on the same terms & conditions.

### ROYALTY

The Royalty payable by the Lessee shall be Rs. 12 /- per cubic metre to the appropriate Government /Department through the Lessor or directly by the Lessee to the Department and the commission for the Lessor is fixed Rs. 8/per cubic metre/ or Rs. 5/- per metric tone and same shall be paid by the Lessee after the materials are transported to the Crusher Site from the Quarry Site / Field. The amount of Rs. 10000/- (Rupees Ten thousand ) As advance will be paid by Lessee on the date of finalization of this agreement.

Contd....3



### MEASUREMENT

The measurement of the extracted/collected Boulders method and in case of Break down of weigh Bridge shall be in volumetric method of

...3....

## TAXES & LAND REVENUE :

3. The Lessor hereby agrees and undertakes to clear all taxes of the said plot of fund/detuised premises leviable by the Government and the Local Authorities during the substatence of the Lease or the extension period of Lease .

## DEMISE OF LAND

TELEBERGE STREET STREET

The Lessor hereby demises to the Lessee ALL THAT the said plot of land as specified during joint inspection with Lessee on Ist March 2007 and TO HOLD and TO USE exclusively for the purposes of collection / extraction of boulders with the Royalty fixed above commencing from the 1st day of March 2007 and shall be ending on 28th day of February 2009 with the options of renewal of Lease at the option of the Lessee for a further period of

## POSSESSION & USE OF DEMISED PREMISES:

- 5. For the purpose of smooth operation of the quarrying of the stones, the Lessee shall prepare/construct the following :
- (a) Parking areas for machineries & Equipments;
- (b) Stockpiles of products including all other ancillaries things which are required for the smooth operation of collection of Boulders .

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#### OPERATION OF QUARRYIES

6. The Lessee is entitled to remove or extract the Boulders from the said plot of land round the clock during the subsistence of the period of lease or extended period of lease.

#### COVENANTS BY LESSOR:

- 7. (i) The Lessor or his Nominees shall not cause directly or indirectly any hindrance or obstructions or disturbances in collecting the Boulders from the said plot of land/demised land and use of the same by the Lessee or his men during the period of subsistence of the Lesse or any extension period thereof.
- (ii) The Lessor shall be responsible in assisting in any matters with respect of the demised land and extraction/collection of Boulders and shall assist the Lessee in a joint visit and verification of the proposed demised land for the purpose for which it has been demised.
- (iii ) Unless otherwise require for the purpose of Registration of this deed, the Lessor shall maintain the secrecy of the agreement entered between the parties;
- (iv) The Lessor shall in all possible way assist and support the Lessee to have peaceful operation/ possession and collection of Boulders from the demised land from the obstructions & troubles of the miscreamts;
- (v) The Lessor shall obtain all necessary regulatory permissions or approval on behalf of the Lessee in order that the Lessee may continue with the collection/extraction of Boulders from the said plot of land/demised land without any hindrance.

#### COVENANTS BY LESSEE:

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- 8. (i) The Lessee shall leave the demised premises—with clearance upon the expiry of the Lease—or extended period of lease—and—shall deliver—the possession of the said plot of land/demised premises—to the Lessee.
- (ii) The Lessee shall demobilize all their plants, equipments & machineries and shall dismantle all their sheds and shall revert the said plot of land/demised premises to the Lessor at the time of handover the possession of the said plot of land/demised premises on the expiry of the period of Lease or extended period of lease thereof;

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The Lessee shall be entitled to collect all those extracted/collected Boulders from the demised premises on payment of aforementioned fixed Royalty immediately after the expiry of the period of lease or extended period of lease and the Lessor shall give sufficient time to help the Lessee to remove those collected Boulders from the demised premises .

#### JURISDICTION:

The parties agree that all Civil Courts having territorial jurisdiction in respect of the demised land or where one of the defendants resides shall be have the jurisdiction to determine all dispute relating to the deed of Lease .

IN WITNESSES TO THIS THE PARTIES HEREUNTO SETS THEIR HANDS AND SEAL TODAY THE IST DAY OF MARCH, 2007.

(R. CHHUNTLUANGA) LESSOR

For & on behalf of M/S TANTIA CONSTRUCTIONS LIMITED LESSEE

#### SCHEDULE TO THE PROPERTY

A piece and parcel of (SABUAL (Airport) quarry Land duly granted by the Village Council of Sailam vide Resolution No. 80 dated 20th August 1987 and pass No. 99 dated 20th August 1987 subsequent granted by Govt. P.P. No. 105304/10/03 of 2003 with permission Under Minor Mineral Concession Rules . 2000 obtained from the Government of Mizoram, Deptt. of Industries Vide No.001/1/05-09 of 2005 dated 25.10.05 for collection of Boulders from quarry whereby exclusive possession in favour of the Lessor Pu. R. Chhunthuanga was granted with specified descriptions of the boundaries & location were which, mentioned situated SABUAL, 18 Sailam in the District of Aizawl . The Lessor aforesaid has demised the whole areas of the land aforesaid to the Lessee for a period of 2years commencing from 1st day March 2007 to 28th day of February 2009 with a provision for extension of lease by the Lessor on whose name the land aforesaid has been granted.

The Lessee shall extract/collect Boulders from the demised land during the period of lease or the extended period of lease

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( R. CHHUNTLUANGA)

LESSOR

Ph. 03838 207227 (M) 94361 93569

WITNES S:

For & on behalf of M/S TANTIA CONSTRUCTIONS LIMITED LESSEE

Register of Greatments

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## ANNEXURE -VII



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## INDIANONJUDICIAL

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## LEASE DEED

THIS LEASE AGREEMENT MADE ON THIS

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#### BETWEEN

Pu C Zohuthanga, S/o Rochuangi, a permanent resident of Chhim veng Post Office: Serchip, 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" deemed to mean and include its successors and assigns).

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- 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 Lesser 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.
- 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

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- (f) 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 Lessee. 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.
- That, the Lessor shall pay all statutory taxes pertaining to land laws during the period of this Lease.

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

All that piece and parcel of the Land 2.07(Ha) issued by The land revenue and settlement department under section 4(2) of the Mizo District (Agriculture Land) Act, 1963 as per Periodical Patta No.606001/10/314 of 2011, 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

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Signed by

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(LESSOR)

For & on Behalf of Tantia Constructions Ltd (LESSEE)

In the presence of

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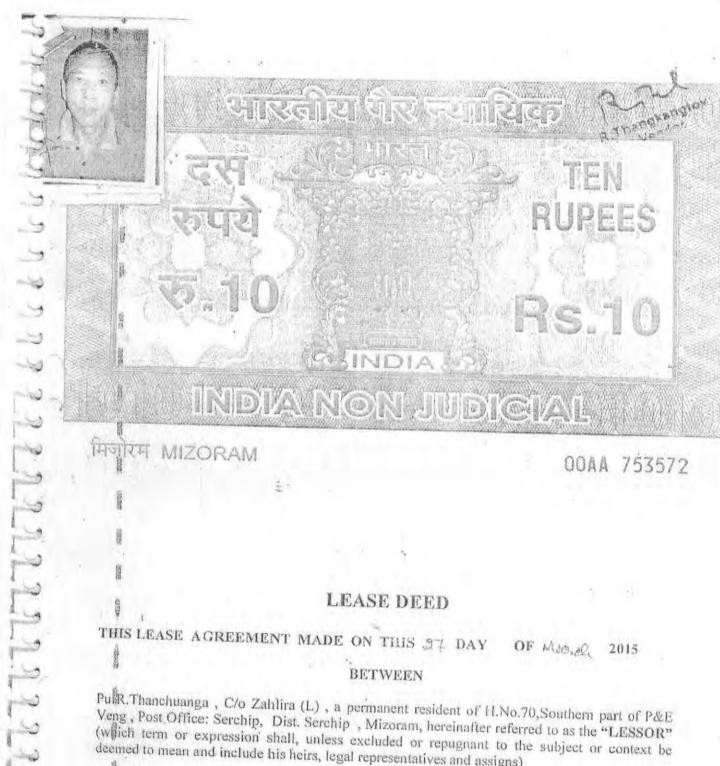
Young Mize Association Serching Dinthak Branch

President Young Mizo Association Serchhip Dinthar Branch In the presence of

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00AA 753572

## LEASE DEED

THIS LEASE AGREEMENT MADE ON THIS 27 DAY

#### BETWEEN

PuR. Thanchuanga, C/o Zahlira (L), a permanent resident of H.No.70, Southern part of P&E Veng , Post Office: Serchip, 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 (Alzawl) 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).

#### WHEREAS

E C COC L & L & L & & &

- A) The Lessor is the owner and is in possession of a piece of Land measuring 2 Hectare (Approx 20,000Sq.m) situated at Serchip mat phai, Dist. Serchip, in the State of Mizoram, more fully described in the Schedule herein below referred to as the said "Land" (the Camp) issued under Section 4 (2) of the Mizo District (Agriculture Land) Act 1963, Periodical Patta No.92 of 1981.
- B) The Lessee is engaged in the business of construction of Road and other works for various Government and other Agencies.
- C) The Lessee requires a plot of land situated at Serchip mat phai, 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 2road 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 Hectare (Approx 20,000Sq.m) issued by the land revenue and settlement department under Section 4 (2) of the Mizo District Act 1963, Periodical Patta No.92 of 1981.
- 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 1<sup>st</sup> April 2015 to 31st March 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 Five Years on the same terms and conditions.
- 2. That, the Lessee shall pay to the Lessor rent of Rs.1, 00,000/- (Rupees One Lac only) per year. The Lessee shall pay to the Lessor advance of Rs.50,000/- (Rupees Fifty Thousand Only) at the time of signing the agreement through Cheque No 003755 Dt 01.04.2015 as rent for the initial 6 months and subsequent payment of Rs 50,000/- as advance rent for the next 6months at the starting of the 6months period. This process would continue till the agreement is in operation.
- That, the yearly rent of Rs.1, 00,000/- (Rupees One lac only), set out in Clause 2, shall not be revised during the Term of the Agreement and any extension thereof.



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- 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.
- 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:
  - 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

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- (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 demotish the structures. The said land shall revert back to the Lessor in the state and condition on the date of termination of the Lessee. 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.
- That, the Lessor shall pay all statutory taxes pertaining to land laws during the period of this Lease as reimbursement on production of valid proof of documents.



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- That, the Lessor shall not divulge or make public, in any way, any term and conditions of 10.
- That, the Lessor shall make all necessary arrangements and render all possible support for 11. 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

### SCHEDULE

All that piece and parcel of the Land measuring 2Hectare (Approx 20,000 Sq.m), issued F) under Section 4 (2) of the Mizo District (Agriculture Land) Act, 1963, as per Periodical Patta No.92 of 1981, as per APPENDIX 'B', which shall form an integral part of this

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

Signed by

Pu R. Thanchuanga

(LESSOR)

In the presence of

Signed by

For Tantia Constructions Limited

For & on Behalf of Tanta Constructions Ltd

(LESSEE)

In the presence of

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## ANNEXURE -VIII

## INDIANORIUDIGIAL

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### 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 (Ajzawl) Office at D/72 Ramhlum 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).

R. Lalnun maria

## WHEREAS

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- 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 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 Léssee 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 1<sup>st</sup> 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.
- 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.
- 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.
- That, the Lessor and the Lessee shall abide by the terms and conditions agreed in this
  Agreement.

R. Lalnumania

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

R. Lalneirmania

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

Pu Lalruatliana

(LESSOR)

In the presence of

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Signed by

Early on Robert of Tours Construction

For & on Behalf of Tantia Constructions Ltd (LESSEE)

In the presence of

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## ANNEXURE -IX



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TO TO THE STATE OF THE PROPERTY OF THE STATE OF THE STATE

00AA 603122

#### LEASE DEED

The Lease Deed of Lease is made on this 01 day of January 2014

#### BETWEEN

Pu R.Chhuansanga, S/o Patea, aged about 47 years, a permanent resident of Suilem, 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/72 Basic Mual, Ramhlun North, Aizawl 796 001 (hereinafter called "The Lessee"), which expressions unless the same is repugnant to the context, shall include the successors and assigns of "The Lessee").

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WHEREAS, by an Agreement of Lease Between the Lessor and the Lessee, the Lessor has granted to the Lessee a Lease for a Plot of Land measuring approx \_\_\_\_\_ Bigha, covered by the VC Puss No.115, Extended Land from Blasting House towards western boundary of his to south side up to Pwd-Pitch Road (Sialsuk - Thenzawl Road) Side more particulars of which is described in the schedule below to establish for all Camp, humaent for staff and labour, Hume Pipe factory, Collection of Boulder and other machinery and construction materials, and Lessees and the Lessor, more fully described in the Schedule therein for a period of 4 (Four) years commencing on 1st January 2014 and ending on 31st December 2017, on certain terms and conditions.

## NOW THIS AGREEMENT WITNESSETH AS FOLLOWS:-

- That, the period of Lease is for a period of of 4 (Four) years commencing on 1<sup>st</sup> January 2014 and ending on 31st December 2017.
- That, the rent for the period of 1<sup>st</sup> January 2014 and ending on 31st December 2017 Is fixed of Rs.2,20,000/- (Two lacs twenty thousand only) and the cheque of Rs.2,20,000/- paid to Lessor in the 1<sup>st</sup> week of January 2014 as advance.
- That, The Lessor will not have any claim for sweeping the Land by the Lessee including falling of trees etc and the Lessor will provide necessary permission.
- 4. That the Lessee will provide 9 cubic metre of 20 MM chips at the residence of the Lessor including the cost of transportation or pay Rs.10000/-( Ten thousand Only ) in case the extra charge .

IN WITNESS WHERE OF THE APRITES HEREUNTO HAVE HEREUNDER SET THEIR HANDS ON THE DAY AND YEAR FIRST ABOVE WRITTEN.

Signed by Logh 14. Pu.R.Chhuansanga (Lessor)

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

In the presence of Laine 1071/14
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RECIENCES 12 M3 DAM CLIP 18 No. 10000 afoint remarkation By the 100 - 325070 At 09/01/2014 and Po. 220000 By the same subject of the 100 of opening Report for the PERSON UP to SIANIES TO

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MIZORAM SECOND SUPPLEMENTARY LEASE DEED 00AA 478411

This Second Supplementary Deed of Lease is made on this 01 day of ... January 2013

#### BETWEEN

Mr R. Chhuansanga, S/o. Patea, aged about 47 years, a permanent resident of Sailam, P.O., P.S. & Dist. Aizwal (hereinafter referred to as "The Lessor", which expression unless the same is repugnant to the context shall include the heirs, executors, administrators and assigns of the "The Lessor") and M/s. Tantia Constructions Limited, a Company incorporated under the Companies Act 1956, having its Registered Office at 25/27 Netaji Subhash Road, Kolkata 700 001 and Local Office at D/72 Basic Mual, Ramhlun North, Alzwal 796 001 (hereinafter called "The Lessee", which expression unless the same is repugnant to the context shall include the successors and assigns of "the Lessee").

AND WHEREAS the Lessor has granted the Lessee by Agreement made on 1st day of 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 ending on 28th day of February 2009 with the renewal options of the period of Lease to the Lessee.

AND WHEREAS the Parties have extended the period of Lease for a further period commending on 1st March 2009 and ending on 31st December 2012 vide Supplementary Lease

AND WHEREAS the Parties have agreed to extend the period of Lease for a further period of Five years commencing on 1st January 2013 and ending on 31st December 2017, hereinafter referred to as the "further extended term", by revising the monthly rent payable by the Lessee

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to the Lessor and pursuant to that the Parties hereunto have agreed to modify the Agreement dated 01/01/2013 and Supplementary Agreement dated 01/01/2013 to the following extent:

- That the period of Lease is extended for a further period of 5 (five) years commencing on 1st January 2013 and ending on 31st December 2017.
- That the monthly rent payable for the further extended term shall be Rs.7,500/- (Rupees Seven Thousand Five Hundred only) per month totaling Rs.4,50,000/- (Rupees Four Lac, Fifty Thousand only) for the whole extended period of 5 (Five) years.
- The total monthly rent payable for the whole extended period of 5 (Five) years amounting to Rs.4,50,000/- shall be paid in two installments as follows.-
  - 1<sup>st</sup> installment of Rs.3,00,000/- shall be paid by Cheque no.039248 Dt.15/12/12 (11)
  - 1st installment of Rs.50,000/- shall be paid by Cheque no.039249 Dt.15/12/12
  - 2<sup>nd</sup> installment of Rs.1,00,000/- shall be paid by Cheque no. (111) Dt.15/12/13
- In addition to the aforesaid rent, the Lessee shall supply 2 lipper load of stone aggregate of
- The Lease Agreement dated 1st March 2006 and the Supplementary Lease Agreement dated 29/02/2009 stands modified to the above extent and all other terms and conditions stipulated in the said Lease Agreement and Supplementary Lease Agreement remains
- The Lease Deed dated 1st March 2006 and the Supplementary Lease Deed dated 29/02/2009 between the Parties shall form part and parcel of this Second Supplementary

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

Mr R. Chhuansanga (Lessor)

of the section of the

シップ・トート しんしょうしゃ

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Insucaturo. Signed by Mr B L Ajitsaria

In the presence of

For and on behalf of Tantia Constructions Ltd (Lessee)

8. HEISHERSH SINCEH

MARCHESONA

## ANNEXURE -X

#### GOVERNMENT OF MIZORAM STATE REFERRAL INSTITUTE PUBLIC HEALTH ENGINEERING DEPARTMENT AIZAWL

#### WATER ANALYSIS REPORT

Sample No.

Name of Source

Detailed Location with Co-ordinates

Type of Source

Sample collected by

Sample Collected on Sample Received on

Date of Analysis

Name of R.D. Block

: GS/2015-16/149

: Water Sample from 71 CAMP

: Thenzawl

: Spring

: Staff, Tantia Construction Limited

: 3.6.2015

: 4.6.2015

: 4.6.2015

: Tlangmam

1	202 1 C11
1.	Physical Characteristics

- 1) pH
- 2) Odour
- 3) Taste
- 4) Colour
- 5) Total Dissolved Solids (in mg/l)

1	B.I.S. Specificat IS-1050	ion for drinking 0:2012	
Results of Analysis	Requirement (Acceptable limit)	Permissible limit in the absence of alternate source.	
6.34	6.5 - 8.5		
Odourless	unobjectonable	-	
Tasteless	agreeable		
Colourless	unobjectonable		
36.4	500.0	2000.0	

#### 2. Chemical Characteristics (in mg/l)

- 1) Total Chloride
- 2) Sulphate

Later Color Color Color Color State Color

17.0	250.0	1000.0
NIL	150.0	400.0

Analysed by : Sd/-

( PH. VANLALA WMPUIA) Lab. Technician

Remarks: Good quality for R.C.C works.

( P.C. BIAKMAWIA ) Chief Chemist,

State Referral Institute PHED, Mizoram

#### GOVERNMENT OF MIZORAM STATE REFERRAL INSTITUTE PUBLIC HEALTH ENGINEERING DEPARTMENT AIZAWL

#### WATER ANALYSIS REPORT

Sample No.

Name of Source

Detailed Location with Co-ordinates

Type of Source

Sample collected by

Sample Collected on Sample Received on

Date of Analysis Name of R.D. Block

A Section of the second

: GS/2015-16/150

: Water Sample from Mat River

: Thenzawl

: River

: Staff, Tantia Construction Limited

: 3.6.2015

: 4.6.2015

: 4.6.2015

: Tlangnuam

Physical Characteristics

1) pH

2) Odour

a 3) Taste

4) Colour

5) Total Dissolved Solids ( in mg/l )

San Sand on Val	B.I.S. Specification for drinking IS-10500: 2012		
Results of Analysis	Requirement (Acceptable limit)	Permissible limit in the absence of alternate source.	
6.69	6.5 - 8.5		
Odourless	unobjectonable	-	
Tasteless	agreeable	-	
Colourless	unobjectonable	-	
40.6	500.0	2000.0	

2. Chemical Characteristics (in mg/l)

1) Total Chloride

2) Sulphate

14.0	250.0	1000.0
NII.	150.0	400.0

Analysed by :
Sd/(F. VANLALRUATI)
Lab. Technician

Remarks: Good quality for R.C.C works.

( P.C. BIAKMAWIA ) Chief Chemist, State Referral Institute PHED, Mizoram

### ANNEXURE -XI

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15.1	
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(.)	

Mn 9612302083 Mn 9612302083 Mn 9436146127 am 8014067340 am 8014067340 am 9436146127 au 9436146127 au 9436146127 au 9436146127 au 9436146127 au 9436146127 au 9436146127 au 9436146127	7 7 7 7 7 7	3 7 8	7.75	3	J 0	43
Location Contest No Acquired Salliam Kawn 961230983 Yes Mualvawn 961230983 Yes Mualvawn 9436146127 Yes Nauphir Ram 8014007340 Yes Vauphir Ram 9436146127 Yes Zehtet Yes Thilarpul Zau 9436146127 Yes Thilarpul Zau 9436146127 Yes Serchilip 985232528 Yes Serchilip 985232528 Yes Kanan Veng 9852328489 Yes	SIBSTAN. GADS, FRES.	BLOUGH.	6900 2700	(3125	7150 Sq. r.	YES THE BYD D LYM. V.
Location Salliam Kawn Mualvawm Mualvawm Mauphir Ram Zehtet Zehtet Thlampul Zau Thlampul Zau Serchip Serchip	Acquired Yes Yes Yes Yes Yes	71 - 3111 APR	Yes	%es	0 0	Yes a
	Contact Mc 96123(9083 58625/0275 9436146127 80140C7340	. 5862775249	9436446127	9862372678	9852328489	9853622472
Address  1 R. Latchuailovafras (1) Robord Latinichnawnagy (1) Ranan Veng, Serichhip  2 Liansiama c/o. Bobord Latinichnawnagy (1) Ranan Veng, Serichhip  3 K. H. Rohlua  4 R. C. Chhunkunga (1) Rohlua  5 R. C. C. Baran Veng, Serichhip  6 K. H. Rohlua (1) R	Location Salliam Kawn Mualuawm Mualuawm Serchhip Mauphir Ram	Zehtet Thuhruk Zau	Thilarpul Zau Serollaip	Serching	Kanan Veng	Therizawi
19. Lianslama c/o.Boberd Lalinchmawnagy  2 Lianslama c/o.Boberd Lalinchmawnagy  3 K.H. Rohlua  5 Hmingthanzawa A = 10.4 5.5  6 K.H. Rohlua  7-7 Vanilalihiriata A = 5.4 4.5  6 K.H. Rohlua S 12. + 1.7  7-8 K.H. Rohlua S 12. + 1.7  7-9 57 K.H. Rohlua S 12. + 1.7  7-1 Thanslala A = 20.4 K. Wold (13.5 km)  7-2 Ronghing: Sext 18.	Address Vengchung, Serchhip Kanan Veng, Serchhip Bazar Veng, Serchhip Dinthac Veng, Serchhip Mew Serchhip	Bazar Veng, Serchhip AOC Veng, Serchhip	Bazar Veng, Serchhip Farm Veng, Seichnip	Vengchung, Seichhip Thenzawf, Sazir Veng	Thenzawl, Vengthlang	UPCVeng, Then and
1 P.Lafchuail 2 Liansiama. 3 K.H.Rohlua 5 4 R.L.Chhunk 5 Hmingthan 6 K.H.Rohlua 2 Vanialhiriat 6 K.H.Rohlua 7 Vanialhiriat 6 K.H.Rohlua	Name  Ovairs) **/	Assistant Constant	70-140 Model .	A=30.6 B. Wall (1334V)	552.43	*OXXXID
A THE TO SEE THE	1 R.Latchuall 7 2 Liarylama 7 3 K.H.Rohlua 2 4 R.L.Chhunk 7 5 Hmingthan 6 K.H.Rohlua	727 Vanlathriati 758 H.L.Mulanti	S Y N N RONIGO	p.52, Ronghing	of all 12.D Laithara	ALTAL PORTENION

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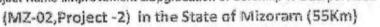
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### ANNEXURE -XII



#### MIZORAM STATE ROAD CONSTRUCTION DEPARTMENT

Project Name :Improvement &Upgradation of Scrohhip to Buarpul Road





Client

:- Public Work Department, Mizoram

Consultant

:- MSV International Inc.

Contractor

:- Tantia Constructions Limited

#### Summary of Safety Statics Report for the Month of MARCH - 2016

il. No.	Descriptions Points	Current Month	Remarks	
1	Average daily man power engaged.	250		
Z	Working hours per man.	8 hrs.		
3	Number of first - aid cases.	1 nos.	•	
4	Number of medical treatment cases,	ж		
5	Number of minor LTIs.	×		
6	Number of major L71s,	×		
7	Number of near-misses.	a ×		
8	Number of incidents.	×		
9	Number of fatal injury.	×		
10	Total man hours worked without LTI.	x		
23.	Total man days lost due to LTIs(LTI+Major+Fatal).	×	-	
12	Total cost of accidents.	×		
13	Frequency rate.	×		
14	Severity rate.	×		
15	Incident rate=(No of LTI x 1000/average no of persons employed in concerned month).	* x		
16	Cumulative accident incident report=(No of 17) x 1000/daliy average man power).	×		
17	Number of tool box meeting conducted.	6 nos.	,	
13	Number of person exposed to tool box meeting.	100 nos.		
19	Safety committee meeting conducted.			
20	Number of trainings conducted.	3 nos.		





#### NO DIJECTION DUMPING AREA

CONTRACTOR: TANTIA CONSTRUCTION LIMITED

PROJECT NAME :- MZ02 SERCHHIP TO BUARPUI (PROJECT- 2 ROAD IN THE STATE OF MIZORAM)

#### WORKING SITE THENZAWL TO BUARPUI

SI.		Chan	rvage	Length	Remarks
No.	Date	Frot	To		OART II
1	20-06-15	8420	8570	150	PART
5	20-06-15	10000	10080	80	PARITI
3	20-06-15	10280	10350	70	PARTII
	20-06-15	- 10760	10840	80	PARTIL '
.4.	20-06-15	11170 .	11200	. OC.	PARTII
5	20 06 15	1,1530	11540	LO ·	PART II
6	THE RESERVE AND ADDRESS OF THE PARTY OF THE	11720	. 11770	.50	PART II
7	20-06-15		. 11970	50	PARTI
8	20-05-15	11920	12180	20	PARTIL
9	20-06-15	1,2160 -	* 12240	30	PART II
10	20-06-15	12210	- I - Transaction		PARTH
1.1	20-06-15	12310;	: 12400	90	PARTI
1.2	20-06-15	12670	12700	30	7 (4)3/1/13



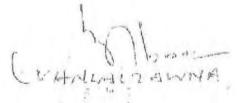
President
Village Council/Count
Thorizeral West & Berethip Clears

nitro PDF professional

# NO OBJATION FOR DAMPING AREA TANTIA CONSTRUCTIONS LTD PROJECT NAME-SCRCHHIP TO BOURPULROAD PART-2 WORKING SIDE THENZAWL TO BOURPUL

SLNO	DATE	CHAINAGE	LENGTH	REMARKS
1	14/04/15	5+360-5+420	GOMTR	
2		5+600-5+700	100MTR	
3	27/04/15	6+040-6+060	20MTR	
4		6+330-6350	20MTR	1
5		6+730-6+750	20MTR	
6		6+840-6+860	20MTR	
7		7+420-7+440	20MTR	
	7/5/2015			
8		7+720-7+760	40MTR	
9		7+930-7+950	20MTR	-
10		8+120-8+140	20MTR	
11		8+680-8+690	1.0MTR	
12	15/05/15	6+170-6+230	60MTR	RL.ZOLIANA
				9612854046
				The second secon

SAM.







### Park II

NO OBSECTION FOR DUMPING AREA.

g. Latramhluni Father's name KAPChana illage Thenzow Dret. Everchip mizoram

Declare than mis Tautia Construction Co. Vimiled may be used my land for as a dumping (Disposal of Earth) for shorain Baurpii wood Project (M202) in my land Raw Patrano 606801/10/160 H 2011 - Periodic Patra. Period for syers was Govi lette no K-53011/62/06-RED/10/15 Dal od. 05.06

Negrs batton no 160/9/2011 Dret 15, 02-2011.

Newtono C 31021/10/2011 - LRS (5) And severcip - 15:2-2

Dumping th From . 9070 70 9080. Of Pant II

vep signature

Acceptano sognaturo Lang owner

TCL Signature

nitro por professional



St. MO + 5 Date :-Buarpui Project

### NO OBJECTION FOR DUMPING AREA

1. R. Sangliama s/6 Fee + Manharmanga Age.	
Village Mangachhatz. Dist. Selehhip Mizoram.	
Declare that M/s Tuntia Construction Limited may be used My Land as disposal of Earth cutting for Serchhip to Buarpui Road project (MZO2).	a
In my Land Ram Patta Nodateddated	
And I will no further claim for my above dumping land, chainage from £1.330M to £1.5.3.0M. 1200 to 1.5.	Į.

VCP Signature

からそくかけけますなけれまますま

Acceptance Signature

TCL Signature



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S1. 65 - 4 Date :-Buarpui Project

# NO OBJECTION FOR DUMPING AREA

1. C. Lalmean Kirms S/o. Lalighayn Age 3/
Village
Declare that M/s Tantia Construction Limited may be used My Land as a disposal of Earth cutting for Serchhip to Buarpui Road project (MZO2).
in my Land Ram Patta Nodateddated
And I will no further claim for my above dumping land, chainage from 104 080

(VANLAL ZANNA)
VCP Signature

Praefasit Valega Bara alfitzidi asadi vibabili Kashilip alfadiar

TCL Signature





EL MIS Date :-Buarpui Project

### NO OBJECTION FOR DUMPING AREA

Village Thanches L. Dist. S. A. S. Ahira Mizoram.

Declare that M/s Tantia Construction Limited may be used My Land as a disposal of Earth cutting for Serchhip to Buarpui Road project (MZO2).

In my Land Ram Patta No. Land. 801. Jun. J. dated 92/112/2011.....

And I will no further claim for my above dumping land, chainage from 9.3: 280 M to 9.3: 440 M.

VCP Signature

Produktal Zmaja Grundbiy 11 than and West's School District . Acceptance Signature

MGHAKM AWAY

TCL Signature

