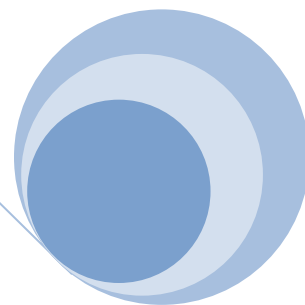


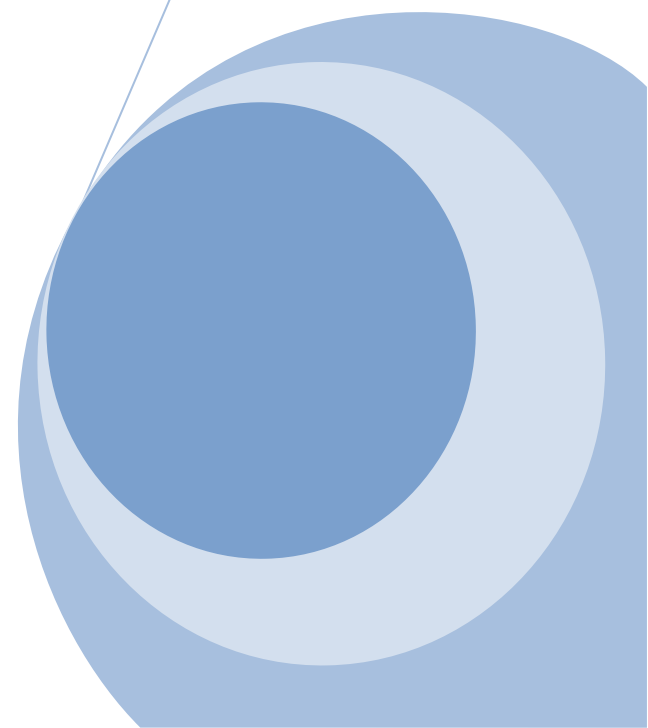
COMPLIANCE REPORT



OCTOBER 2016 – MARCH 2017

MANJERY BRICKS AND METALS. PVT. LTD

MALAPPURAM , KERALA



Ph: 0483-2762638
2763468, 3247520

MANJERI BRICKS AND METALS PVT. LTD.

VETTAKKODE

MANJERI - 676122, MALAPPURAM DT.

Dt. 12-01-2018

Date.....

The Additional Principal Chief Conservator of Forests (C)
Ministry of Environment, Forests & Climate Change,
4th Floor, E& F Wing, Kendriya Sadan,
Koramangala, Bangalore – 560034

Ref :- File No. 537/ SEIAA/EC1/3880/2015

Subj :- Environment Clearance – Quarry project at Anakayam Village & Panchayat and Survey No. 244 at Manjeri Village of Manjeri Municipality, Ernadu Taluk, Malappuram District, Kerala.– Compliance Report – Second half - Reg.

Respected Sir,

The Quarry (Building stone) project was accorded Environmental Clearance for 2.8549 ha. by order No. **537/SEIAA/EC1/3880/2015**, dated 11-02-2016 by State Environmental Impact Assessment Authority, Kerala. The compliance report of **Second Half** (October 2016 – March 2017) to the specific and general conditions of the Environment Clearance order is enclosed.

Thanking you,

Yours respectfully,


Mr. Abdul Azees
M/s Manjeri Bricks & Metals Pvt. Ltd

Encl: - As Above

Copy to : The Chairman & The Member Secretary
State Environmental Impact Assessment Authority (SEIAA)
'Devi Kripa', Pallimukku,
Pettah P.O., Thiruvananthapuram,
Kerala – 695 024.

COMPLIANCE REPORT

TO

THE CONDITIONS

OF

ENVIRONMENTAL CLEARANCE ORDER

NO: 537/ SEIAA/EC1/3880/2015

DATED 11.02.2016

BY

STATE ENVIRONMENT IMPACT ASSESSMENT AUTHORITY (SEIAA)

FOR

BUILDING STONE QUARRY

(MINOR MINERAL MINING) PROJECT

AT

SURVEY Nos. 276/2, 281/2, Block 45 of Anakayam Village & Panchayat and Survey

No. 244 at Manjeri Village of Manjeri Municipality, Ernadu Taluk, Malappuram

District, Kerala

BY

M/s Manjeri Bricks & Metals Pvt. Ltd.,

Malappuram District, Kerala.

INDEX

Sl. No.	Particulars	Page No.
1.	Introduction	07
2.	Brief of the project	09
4.	Compliance Report – General conditions	10
5.	Plates	29
6.	Annexure	36

LIST OF TABLES

Table. No.	Particulars	Page No.
1.	Environmental Monitoring Cell (EMC)	11
2.	Details of the vegetation existing along the road side	12
3.	Details of saplings planted as part of eco - restoration	14
4.	Details of performed activities under CSR	15
5.	Details of statutory approvals	24
6.	Details of advertisement published in news papers	26

LIST OF PLATES

Plate No.	Particulars	Page No.
1.	Photograph showing fencing for Rain Water Harvesting Pond	30
2.	Photograph showing the sprinkler installed in the project site	30
3.	Photograph of fencing	31
4.	Photograph showing warning alarm installed in the project site	31
5.	Photographs showing the tarred access road to the project site	32
6.	Photographs showing the benches system in the quarry site.	32
7.	Photograph showing the crusher unit in the project site.	33
8.	Photograph of workers with personal protective equipments (PPE) during quarrying operations.	33
9.	Photograph of eco restoration	34
10	Photograph showing the magazine (Explosive storage area)	34
11	Photograph of metallic Board	35

LIST OF ANNEXURES

Annexure No.	Particulars	Page No.
1.	Copy of the invoice on the expenses incurred in purchase of plants for eco-restoration	37
2.	Copy of the bill purchased for PPE	38
3.	Copy of receipts under CSR	39
4.	Copy of the “ <i>Consent to Operate</i> ” from Kerala State Pollution Control Board	41
5.	Copy of Environmental Clearance	42
6.	Copy of Explosive License issued by the Ministry of Commerce & Industry – Petroleum & Explosives Safety Organization (PESO)	43
7.	Copy of License for quarry operations from <i>Municipality</i>	44
8.	Copy of lease order form Director of Mining and Geology	45
9.	Copy of advertisement in newspaper	46

INTRODUCTION

Quarry project of M/s Manjeri Bricks & Metals Pvt. Ltd., is situated at survey Nos. 276/2, 281/2, Block 45 of Anakayam Village & Panchayat and Survey No. 244 at Manjeri Village of Manjeri Municipality, Ernadu Taluk, Malappuram District, Kerala. The quarry project was accorded with the environmental clearance (EC) by state environmental impact assessment authority on 11-02-2016.

The half yearly compliance report needs to be submitted as part of general condition No.37 of Environmental Clearance order by the project proponent. The compliance report to the specific conditions and general conditions of the Environmental Clearance for the period of October 2016 – March 2017 is being submitted.

SALIENT FEATURES OF THE PROJECT

The project comes under Category B, Activity 1 (a), (i) as per the Schedule of EIA Notification 2006 (since it is below 50 hectares) and as per O.M No. L-11011/47/2011-IA.II (M) dated 18th May 2012 of Ministry of Environment and Forests. It is further categorized as Category B2 as per the O.M No. J-13012/12/2013-IA-II (I) dt.24.12.2013 of Ministry of Environment and Forests, since the area of the project is below 25 hectares.

Geographical location of the project site is in 11°05'50.78" N to 11°05'42.30" N and 75°07'21.70" E to 76°08'15.00" E. The land use classification as per revenue records is rocky land with private own land. The present land use is rocky land with quarrying activities. The quarry is interlinked with a Crusher unit located within the complex. The exploitation of mineral is being done from 145 m MSL to 95 m MSL. The ultimate depth of the mine workings is estimated to be 110 m MSL. The approximate total water demand is 15 KLD. and total power requirement is 75 kw. The nearest house is located at 104 m south west of the quarry.

BRIEF OF THE PROJECT

Type of Project	Quarry project (building stone)
Name of the project	M/s Manjeri Bricks & Metals Pvt. Ltd.
Category of the project	B2
GPS Locations	11°05'50.78" N to 11°05'42.30" N 76°08'21.70" E to 76°08'15.00" E
Address for correspondence	M/s Manjeri Bricks & Metals Pvt. Ltd. Vettakode, Pullanchery P.O., Manjeri, Malappuram District, Kerala-676122.
Name, Phone Number & e - mail id of responsible persons	
Main Features	
Total area under Environment Clearance	2.8549 hectares
Minable reserves	8,00,000 MT
Production	1,00,000 MTA
Life of Mine	8 years
Highest and lowest elevation	145m MSL to 95 MSL
Crusher unit	Yes, within the project site
Environmental Settings	
Nearest stream	Kadalundipuzha, 1 km, S
Nearest house	104 m, NE
Nearest town	Manjeri 4 km, NW
Nearest worship place	Mosque - Vettakode, 1 km., NW
Nearest hospital	Manjeri 4 km, NW
Seismic zone	Zone-III, Moderate damage risk zone as par BMTPC, Vulnerability atlas Seismic zone of India IS: 1893-2002.

COMPLIANCE REPORT

(GENERAL CONDITIONS)

PART – B – GENERAL CONDITIONS

01	Rain Water Harvesting capacity should be installed as per the prevailing provisions of KMBR / KPBR, unless otherwise specified.	Complied
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Compliance:

As part of rain water harvesting, Two Rain Water Harvesting (RWH) ponds are properly maintaining in the project area. The storm water from all surrounding areas is properly channelized to this pond. It is situated in the lowest level of quarry area. The rain water is used for irrigation purposes, watering of plants, wetting of roads, supply to public and for dust suppression system (mainly sprinklers system). The photograph showing the rain water collection pond in the project area is attached in **Plate No.1**.

02	Environment Monitoring Cell (EMC) as agreed under the affidavit filed by the proponent should be formed and made functional.	Complied
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Compliance:

To monitor and evaluate the works done under the conditions stipulated in the EC order, the project proponent has constituted an Environmental Monitoring Cell (EMC) with Mr. Noushad M T as head of the monitoring cell. The EMC meeting will be convened regularly for a sustainable environment. The details of the monitoring cell are given below:

TABLE 1 ENVIRONMENTAL MONITORING CELL (EMC)

Sl. No.	Post	Name
1.	Head of the monitoring cell	: Noushad M T
2.	Member	: Abdul Majeed
3.	Member	: Saidhalavi

03	Suitable avenue trees should be planted along either side of the tarred road and open parking areas, if any, inclusive of approach road and internal roads.	Being complied
----	--	-----------------------

Compliance:

Dust is one of the major adverse effects in the mining industry. To prevent dust emission during transportation of materials, suitable avenue trees were planted along the road side and parking area. There are natural vegetation including trees, shrubs, herbs and climbers present either side of tarred road and in the parking areas. This will help to reduce air and sound pollution. The copy of bill from nursery is given in **Annexure No.1**

TABLE 2 Details of the natural vegetation existing along the road side

Sl. No.	Scientific Name	Common Name	Family	Type
1	<i>Ficus racemosa</i>	Athi	Moraceae	Tree
2	<i>Pongamia pinnata</i>	Ungu	Fabaceae	Tree
3	Bambusoideae	Bamboo	Poaceae	Tree
4	<i>Murraya koenigii</i>	Curry tree	Rutaceae	Tree
5	<i>Swietenia mahagoni</i>	Mahagony	<i>Meliaceae</i>	Tree
6	<i>Anacardium occidentale</i>	Kasumavu	Anacardiaceae	Tree
7	<i>Artocarpus heterophyllus</i>	Plavu	Moraceae	Tree
8	<i>Chromolaena odorata</i>	Communist-pacha	Compositae	Shrub
9	<i>Cocos nucifera</i>	Thengu / Coconut	Arecaceae	Tree
10	<i>Mangifera indica</i>	Mavu	Anacardiaceae	Tree
11	<i>Pennisetum orientale</i>	Oriental fountain grass	Poaceae	Herb

12	<i>Tabernaemontana alternifolia</i>	Kunnanpala	Apocynaceae	Tree
13	<i>Tectona grandis</i>	Thekku	Verbenaceae	Tree
14	<i>Ziziphus oenopolia</i>	Thodalli	Rhamnaceae	Climber

04	Maximum possible solar energy generation and utilization shall be ensures as an essential part of the project.	Will be Complied
----	---	-------------------------

Compliance:

Solar energy can reduce the consumption of electricity from conventional sources. The project is intending to use maximum renewable energy to reduce electrical consumption from KSEB. As part of this, the project proponent has planned to use solar for energy generation in the project site.

05	Sprinklers shall be installed and used in the project site to contain dust emissions.	Complied
----	--	-----------------

Compliance:

Dust emission is an inevitable impact of mining industry. To prevent dust emission, sprinklers are installed in the project site. This help to suppress dust during the time summer season. The sprinklers installed in and around the crusher unit. The photographs showing the effective utilization of sprinklers in the project area is provided in **Plate No.2**.

06	Eco-restoration including the mine closure plan shall be done at the own cost of the project proponent.	Being complied
----	--	-----------------------

Compliance:

The eco restoration plan prepared by the project will be executed in a good manner. The project started to plant various saplings in and around the project site. The list of tree/shrub/herb saplings planted in the project site is given below. The mine closure plan will be done at the own cost of project proponent as agreed in the proposal.

TABLE 3 Details of the saplings planted within the project area

SI. No.	Scientific Name	Common Name	Family	Habitat
1	Bambusoideae	Bamboo	Poaceae	Tree
2	<i>Murraya koenigii</i>	Curry tree	Rutaceae	Tree
3	<i>Terminalia arjuna</i>	Maruthu	Combretaceae	Tree
4	<i>Phyllanthus emblica</i>	Nelli	Phyllanthaceae	Tree
5	<i>Xylia xylocarpa</i>	Erul	Fabaceae	Tree
6	<i>Artocarpus heterophyllus</i>	Plavu	Moraceae	Tree
7	<i>Capsicum frutescens</i>	Kanharimulaku	Solanaceae	Herb
8	<i>Carica papaya</i>	Papaya	Caricaceae	Tree
9	<i>Coccos nucifera</i>	Thengu	Arecaceae	Tree
10	<i>Curcuma longa</i>	Manjal	Zingiberaceae	Herb
11	<i>Mangifera indica</i>	Mavu	Anacardiaceae	Tree
12	<i>Musa paradisiaca</i>	Vazha	Musaceae	Herb
13	<i>Swietenia mahagoni</i>	Mahagony	Meliaceae	Tree
14	<i>Tectona grandis</i>	Thekku	Verbenaceae	Tree

07	At least 10 percent out of the total excavated pit area should be retained as water storage areas and the remaining area should be reclaimed with stacked dumping and overburden and planted with indigenous plant species that are eco-friendly.	Will be complied
----	---	------------------

Compliance:

To conserve rain water, ten percent of the excavated pit area will be retained as water storage area. This will help to improve the ground water table. It is proposed to develop a green belt in the remaining area with indigenous plant species after reclamation of the mined area with stacked top soil and overburden. This stored rainwater can be used for domestic purpose during the time of summer season.

08	Corporate Social Responsibility (CSR) agreed upon by the proponent should be implemented	Complied
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Compliance:

The activities under Corporate Social Responsibility (CSR) activities are executed in the sector of Health and sports. The project proponent is intending to carry out more activities under CSR for inclusive growth in the community. The receipt of donation is given in **Annexure No. 2**. The details of are given below in the table.

Table No. 4 The details of performed activities under C S R

Sectors	Activities	Partners	Beneficiaries	Amount spent in Rs.
Infrastructure Development	Donation for House construction		Shamsudheen M, Pullanjeri	32,800
	Donation for House construction	Pullanjeri juma Masjid committee	Baithu Rahma	22,500
	Donation for Masjid construction	Vettekode Masjid	Community	22,500
	Donation for Bus Stop construction	Alungal Pullanjeri	Community	3,000
	Donation for Masjid construction	Nibrasul Ulum Secondary madrassa	Community	3,000
	Donation for House construction	Muhammadalli Kudumbasahaya Fund	Muhammadalli, Vettupara	1,000
	Donation for Masjid	Palli Paripalana Fund	Hayathul Islam Sangam,	1,000

	construction		Pullanjery	
Sports, arts and Festivals	Donation for Sports	Football Tournament	Community	5,000
	Donation for Arts	KSEB Workers	Community	4,500
	Donation for Festival	Nabhidhina program Alungal	Community	10,500
	Donation for Festival	Shivaratri Maholthsavam Arukidaya	Community	3,000
	Donation for Festival	Bhagavathi kshetra Mahothsavam	Community	2,500
	Donation for Festival	Akanda naama Yakjam, Manjeri	Community	1,000
Promotion Education	Donation for computer lab expansion	G U P School Vettekode, Pullanjery	Students	25,000
	Donation for Magazine	Noble Women's College Vettekode	Students	2,500
	Donation for annual day progame	G U P school Vettekode	Students	10,000
	Donation for annual day progame	Alungal Anganavadi	Students	2,000
	Donation for orphanage	Beeran Ouliya, Mannarkkad	Community	2,000
Health Care	Donation	Jaleel Mandravi Padam	Public	5,00
	Donation	Vijayan PK Pooliyodankundu	Public	10,000
	Donation	Muhammed Thadathil, Trippanachi	Public	1,000
	Donation	Gopi Kallerukunnel	Public	5,000
	Donation	Calicut Medical College Surgical equipments	Public	18,250

Environmental	Donation	Paristhithi Bodavalkarana Charitable Samidi	Public	500
Social	Donation	Samuhyashemasamidi, manjeri	Public	500
	Donation	Aboobacker Parakkole	Daughter Marriage	5,000
	Total			1,94,550

09	The lease are shall be fenced off with barbed wires to a minimum height of 4ft around, before starting of mine.	Complied
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Compliance:

As part of demarcation of lease area and to ensure safety of all, the project has erected barbed metal wire fencing around the mining area with height of 5 ft. This helps to prevent falling of animals/human being/dumping of garbage etc, The photograph of barbed metal wire fencing is provided in **Plate No.3**.

10	Warning alarms indicating the time of blasting (to be done at specific timings) has to be arranged as per stipulations of Explosive Department.	Complied
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Compliance:

The project proponent has installed warning alarms as per the stipulation of Explosive department in the quarry site. This helps to give warning to the labours and community people prior to the blasting in quarry. This is properly working prior to the blasting time. The time of blasting in the quarry is between 10.00 am to 4.00 pm on all working days. The photograph of alarm is given in **Plate No.4**.

11	Control measures on noise and vibration prescribed by KSPCB should be implemented.	Complied
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Compliance:

To reduce noise level in the project site, the project proponent has implemented mitigate masseurs. The major noise generating sources from the mining activity is working machineries, drilling, blasting and plying of vehicles. The following **control measures** are undertaken to bringing down the noise levels:-

- Proper maintenance of machinery and equipments
- The machineries like breaker and excavator has well sound proof cabin so that the machine operators can work without stress due to the sound.
- Personal protective devices i.e., earmuffs, ear plugs etc. are provided to workers working in high noise areas.
- The mining activity held in day time only.

Blast vibrations and control measures

- ❖ Controlled blasting technique is adopted in this project in order to reduce blast vibrations.
- ❖ The maximum charge per delay is not more than 10kg to limit the PPV values to 10mm/sec.
- ❖ Optimum delay sequence and stem to column ratio is maintaining to minimize the ground vibration intensity.
- ❖ Appointed a qualified person in the mining area

12	Quarrying activities should be limited to day time as per KSPCB guidelines.	Complied
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Compliance:

To reduce the inconvenience of nearby houses and community, quarrying activities are limited to day time only as per KSPCB guidelines. The quarry working time is 8 am to 5.00 pm. This will help to limit the sound pollution.

13	Blasting should be done in a controlled manner as specified by the regulations of explosives department or any other concerned agency.	Complied
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Compliance:

To prevent fly rock and to reduce ground vibration, the blasting is done in controlled manner by using ordinary delayed detonators. All blasting activities are carrying out with the stipulated guidelines of explosive department and other concerned agency. For a controlled blast the project proponent has appointed a qualified person.

14	A licensed person should supervise/control the blasting operations.	complied
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Compliance:

The project has appointed a Licensed person for supervise/control the blasting operations for the extraction of granite building stones. He is working as per the submitted plan.

15	Access roads to the quarry shall be tarred to contain dust emissions that may arise during transportation of materials.	Complied
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Compliance:

The project proponent maintains access road to the quarry in good condition for preventing dust emission and hassle free transportation. To reduce emission of dust through the vehicle movement, the proponent is maintaining the access road in a good manner. The project is spraying water on the road to arrest the dust during summer season. The photograph of tarred road is provided in **Plate No.5**.

16	Overburden materials should be managed within the site and the old quarries, if any, should be restored.	complied
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Compliance:

Overburden is an inevitable byproduct of mining industry. There is no old quarry in the site for restoration. The overburden materials are stored within the site in a designated place. This will be used to restore the exploited area in future.

17	Height of the benches should not exceed 5m and width should not be less than 5m.	Being complied
----	---	-----------------------

Compliance:

As part of eco – friendly mining and to enhance safety, the excavation of building stone in the project is progressing by creating benches of 5m width x 5m height. **Plate No. 6** showing the same.

18	Mats to reduce fly rock blast to a maximum of 10 PPV should be provided.	Noted
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Compliance:

The project is using ordinary delayed detonator for blasting therefore there is no issue with fly rock in the community and the project is also assure the maximum PPV is under 10 during the time of blasting. The project is yet to use mats in the industry.

19	Maximum depth of mining from general ground level at site shall not exceed 10m.	Noted
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Compliance:

The depth of mining won't exceed beyond 10 meter or not below the level of the nearest stream bed, whichever is less. The exploration will be done as per the plan submitted before State Environment Impact Assessment Authority (SEIAA), Kerala.

20	No mining operations should be carried out at places having a slope greater than 45°.	Noted
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Compliance:

In the project site, there is no mining operation is carried out with a slope greater than 45°.

21	Acoustic enclosures should be provided to reduce sound amplifications in addition to the provisions of green belt and hollow brick envelop for crushers so that the noise level is kept within prescribed standards given by CPCB/KSPCB.	Complied
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Compliance:

The project proponent is maintained all machineries in a good manner so no unnecessary sound is arising from the crusher unit. To reduce sound amplification, the machines of crusher unit is housed with solid bricks. A green belt is also developed around the unit to reduce noise and air pollution. This helps the noise and sound level is kept within the prescribed standards. The labours in the unit are wearing ear plugs to reduce the impact of noise generating from the machines. The photograph of the crusher is provided in **Plate No.7.**

22	The workers on the site should be provided with the required protective equipments such as ear muffs, helmet, etc	Complied
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Compliance:

To ensure the safety of workers in working site, the project provided adequate Personnel Protective Equipments (PPE) such as helmets, ear muffs, safety belts, glows, etc. The photograph of the workers with PPE is given in the **Plate No. 8.** The bill purchased for Personal Protective Equipments is provided in **Annexure No. 3**

23	Garland drains with clarifiers to be provided in the lower slopes around the core area to channelize storm water.	Being complied
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Compliance:

As part of effective storm water management, the project proponent has constructed storm water drains in the lower slopes of the project area. This helps to channelize the storm water to the rain water collection pond and the most of the debris is settling down in the bottom of the pond. The clarifiers will be installed soon at the letout point.

24	The transportation of minerals should be done in covered trucks to contain dust emissions.	Complied
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Compliance:

To avoid dust emission while transportation of materials, the project assures the trucks are covered before it leaving the project site.

25	The proponent should plant trees at least 5 times of the loss that has occurred while clearing the land for the project.	Being complied
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Compliance:

As part of concurrent eco restoration, the project planted various saplings in the project area as a compensation of loss of trees while the project is clearing the land for mining. The photograph of planted trees is given in **Plate No.9**. The list of tree saplings planted in the project site as part of eco-restoration is provided in **Table No 3**.

26	Disposal of spent oil from diesel engines should be as specified under relevant Rules/Regulations.	Being Complied
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Compliance:

The project proponent is using the used oil as lubricant for machineries and other equipments. The spend oil will be sold only to the recyclers.

27	Explosives should be stored in magazines in isolated place specified and approved by the explosives department.	complied
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Compliance:

As per the stipulation of competent authority, the project has been stored the explosives in magazine. The magazine with 100 Kg of capacity is situated in an isolated place specified and approved by the explosives department. The photograph of the magazine is provided in **Plate No.10**.

28	A minimum buffer distance of hundred meters from the boundary of the quarry to the nearest dwelling unit or other structures, not being any facility for mining shall be provided.	Complied
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Compliance:

To reduce the adverse impact on nearest dwelling unit and the community life, the norms of Kerala State Pollution Control Board regarding the distance criteria of residences, roads, rivers and worship places is adhered by the project. The distance of the nearest house is above 104 meter form the quarry, the KSPCB condition is 100 meter.

29	100 m buffer distance should be maintained from forest boundaries.	Complied
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Compliance:

There is no forest area near to the project site. The nearest forest is 6 km away from the project site.

30	Consent from Kerala Pollution Control Board under water and Air act(s) should have been obtained before initiating activity.	Complied
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Compliance:

The Project has obtained “*Consent to Operate*” (Renewal) from Kerala State Pollution Control Board. The copy of consent is provided in **Annexure .4** All conditions stipulated in consent is complied with.

31	All other statutory clearances should have been obtained, as applicable, by project proponents from the respective competent authorities including that for blasting and storage of explosives.	Complied
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Compliance:

The project proponent has obtained all relevant approvals, licenses, clearances for mining industry. The certificates obtained from other concerned statutory authorities are enclosed in **Annexure No.4,5,6,7&8**.

TABLE 5 – APPROVALS FROM COMPETENT AUTHORITIES

Name of the Statutory approval	Name of the Statutory authority	Approval Number & Date
Environmental Clearance order	State Environmental Impact Assessment Authority, Kerala	539/SEIAA/EC4/3882/2014 Dated 15-12-2015
“Consent to Operate” (Renewal)	Kerala State Pollution Control Board	PCB/KKD/DO/2296/2012 25-05-2015
Explosive License	Ministry of Commerce & Industry – Petroleum & Explosives Safety Organization (PESO)	E/SC/KL/22/1620(E71339) Dated 12-06-2015
License for quarry operations	Municipality	A5-02/16-17 dated 01-04-2016
Permit order	Directorate of Mining and Geology	12/2016-17/GS/CRPS/DOZ/M,1021/16 Dated 29-06-2016

32	In the case of any change(s) in the scope of the project, the project would require a fresh appraisal by this Authority	Complied
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Compliance:

At present the project is running as per plan submitted in Environmental Impact Assessment Authority, Kerala. Therefore no change in the scope of the project. The project will seek for a new Environmental clearance In the case of any change(s) in the scope of the project.

33	The Authority reserves the right to add additional safe guard measures subsequently, if found necessary, and to take action including revoking of the environment clearance under the provisions of the Environmental (Protection) Act 1986, to ensure effective implementation of the suggested safeguard measures in a time bound and satisfactory manner.	Noted
----	---	--------------

Compliance:

To enhance safety and promote eco- friendly mining, the proponent is willing to incorporate such measures in its working. If the authority instructs to add additional safeguard measures subsequently, the project will be complied with.

34	The stipulations by Statutory Authorities under different Acts and Notifications should be complied with, including the provisions of Water (Prevention and Control of Pollution) Act, 1974, the Air (Prevention and Control of Pollution) Act 1981, The Environment (Protection) Act, 1986, the public liability (Insurance) Act, 1991 and EIA notification, 2006.	Complied
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Compliance:

The stipulated orders and directions under different act and notification including EIA notification will be scrupulously followed. A brief list of various Acts and notifications which are followed by the proponent is given below

1. **The Environment Protection Act,1986**
2. **Water (Prevention and Control of Pollution) Act, 1974**
3. **The Air (Prevention and Control of Pollution) Act, 1981**

4. **The Public Liability (Insurance) Act,1991**
5. **Municipal Solid Waste (Management and Handling) Act,2000**
6. **Hazardous and Other Wastes (Management and handling) Rules, 1989.**
7. **EIA notification, 2006**
8. **Kerala Minor Mineral concession Rules 2015**

35	<p>The project proponent should advertise in at least two local news papers widely circulated in the region, one which (both advertisement and the newspaper) shall be in the vernacular language informing that the project has been accorded Environmental Clearance and copies of clearance letters are available with the Department of Environment and Climate Change, Govt. of Kerala and may also be seen on the website of the Authority at www.seiaakerala.org. <u>The advertisement should be made within 10 days from the date of receipt of the Clearance letter and the copy of the same signed in all pages should be forwarded to the office of this authority as confirmation.</u></p>	Complied
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Compliance:

As per the conditions stipulated, an advertisement in two local newspapers regarding Environmental Clearance accorded to the quarry project was given within the stipulated period and the copy of the same was submitted at SEIAA Kerala.

Table No. 6 Details of advertisement in news paper

SI. No	News paper	Language	Date of edition
01	The New Indian express	English	01-03-2016
02	Malayala Manorama	Malayalam	01-03-2016

36	A copy of the clearance letter shall be sent by the proponent to concerned Grama/District Panchayath / Municipality / Corporation / Urban Local Body and also to the Local NGO, if any from whom suggestions / representations, if any were received while processing the proposal. The Environmental Clearance shall also be put on the website of the company by the proponent.	Complied
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Compliance:

A copy of the Environment Clearance letter was submitted to the Panchayat Office. The project proponent did not receive any suggestions / representation from anywhere while the processing the proposal therefore does not give the copy of clearance latter to anyone. The project does not have a website and it will create a company website soon.

37	The proponent shall submit six monthly reports on the status of compliance of the stipulated EC conditions including results of monitored data (both in hand copies as well as by e-mail) and upload the status of compliance of the stipulated EC conditions including results of monitored data on their website and shall update the same periodically. It shall simultaneously be sent to the respective Regional Office of MoEF, Govt. of India and also the Directorate of Environment and Climate Change, Govt. of Kerala.	Being Complied
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Compliance:

The second compliance report is being submitted to the Directorate of Environment and Climate Change, Govt. of Kerala and also to the Regional Office of MoEF&CC, Govt. of India both in hard copy as well as mail. The result of monitored data will be sent soon. The proponent is following all conditions stipulated in EC for Environment sustainability.

38	The details of Environmental Clearance should be prominently displayed in a metallic board of 3 ft x 3ft with green background and yellow letters of Times New Roman font of size of not less	Complied
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	than 40. Sign board with extant of lease area and boundaries shall be depicted at the entrance of the quarry, visible to the public.	
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Compliance:

The details of the Environmental Clearance will prominently displayed with the specific conditions as per specifications mentioned in the condition. The photograph of the board is provided in **Plate No. 11**.

39	The proponent should provide notarized affidavit (indicating the number and date of Environmental Clearance proceedings) that all the conditions stipulated in the EC shall be scrupulously followed.	Complied
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Compliance:

An assurance in the form of affidavit was already submitted to SEIAA Kerala.

40	The above conditions shall prevail notwithstanding anything to the contrary; in consistent, or simplified, contained any other permit, license on consent given by any other authority for the same project.	Noted
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PLATES

(Photographs of project)

Plate No. 1



Rain water harvesting pond

Plate No. 2



Sprinklers

Plate No.3



Fencing

Plate No.4



Warning Alarm

Plate No.5



Access Road

Plate No.6



Bench System in Quarry

Plate No.7



Crusher Unit

Plate No.8



Personal Protective Equipments

Plate No.9



Sapling in the site

Plate No.10



Magazine

Plate No.11



Board

ANNEXURE

(Documents of the project)

Annexure No. 1

QUATATION

No. **9**

To whom issued **MBM (3046)**

Vehicle No. _____ Date **18.9.16** Time _____

Particulars	Qty	Rate	Amount
ഒമ്പലപ്പാലം	25	30	750
തൊഴിലാളി വില	20	25	500
തൊഴിലാളി	15	30	450
മുറിയടി	50	10	500
ഭരണ	50	15	750
അടവ്	10	100	1000
മുൻ	10	10	100
(4000)			4050
TOTAL			

Thanks

Signature

Bill of Plants purchased

Annexure No. 2

മഞ്ചേരി നഗരസഭ
ഗവൺമെന്റ് യു.പി.സ്കൂൾ, വേട്ടേക്കോട്
 പുള്ളഞ്ചേരി പി.ഒ. - 676 122

സ്ഥാപിതം : 1947

മഞ്ചേരി ഉപജില്ല

Ref: No: 16/2017-IB dt: 20-02-17.

Date: 20-02-2017

From
 Headmaster and SMC Chairman,
 Govt. U.P. School, Vettecode.

To: Manager,
 MBM Crasher
 Vettecode.

SII, Sub: . മരമ്പുട്ടർ ലേഖിപ്പേജ് പരസിച്ചു കൽക്കിടൽ സംബന്ധിച്ച് :-

നാളെ നിലവിലുള്ള നിന്നും വേട്ടേക്കോട് ഗവൺമെന്റ് യു.പി. സ്കൂൾ മരമ്പുട്ടർ ലാബ് വിവേകമണത്തിന്റെ ഭാരമായി നാളെ നിലവിലുള്ള നിന്നും മരമ്പുട്ടർ ലാബ് നിർമ്മാണത്തിനായി 25000/- രൂപ (ഇരുപത്തി അയ്യായിരം രൂപ) കൽക്കിയും അതുവേണ്ടി പണി പൂർത്തിയാക്കൽ നവീകരിക്കൽ അതിയായ സഹായം ഉണ്ട്. നാളെ ഈ വിവേകമണത്തിന്റെ പി.ടി.എ. കമ്മിറ്റിയും സ്റ്റാഫും നന്ദിയും കടവാടും അതിനുവേണ്ടി കോടിയോളം തുകയും ഈ നിലവിലുള്ള ഉന്നമനത്തിനായി നിലവിലുള്ള മരമ്പുട്ടർ ലേഖിപ്പേജ് നിർമ്മാണം നന്ദി. നമസ്കാരം.


 SMC Chairman
 Govt. U.P. School, Vettecode
 P.O. Pullancheri - 676 122

എന്നും,
 വിവേകമണത്തിന്റെ,
 മേധാവിയുടെ,
 മേധാവിയുടെ
 Headmaster
 G.U.P. School, Vettecode
 P.O. Pullancheri - 676 122

SMC ചെയർമാൻ

മേധാവിയുടെ



The receipts of social responsible activities

Annexure No.3

Tin No. 32110989524
CST : 110 9 C 008952

CHALAKAM ENTERPRISES
Near Police Station, MUKKAM
THE KERALA VALUE ADDED TAX RULES - 2003

Ph: 0495 - 2297422

Form No. 8B
[See rule 58 (10)]
RETAIL INVOICE
CASH / CREDIT

Invoice No. **1535** Date: 11/11/16

Name & Address of Purchaser: M/s MANJERY BRICKS & METALS Pvt. Ltd.

Telephone No. _____ Mob: _____

Sl. No.	Schedule with entry no. Commodity/Item	Commodity Item	Rate of Tax	Unit Price	Qty	Gross Value	Cash Discount	Net Value	Tax Amount	Grand Total (9+10)
1	2	3	4	5	6	7	8	9	10	11
		Softs Belt	14.5	742/25	4	2969		2969	431	3400
		Softs Headmet	14.5	97/62	8	629		629	91	720
		Maska.	14.5	10/48	60	524		524	76	600
		Softs shoe	14.5	342/25	4	1397		1397	203	1600
		Working Dress	14.5	742/25	4	2969		2969	431	3400
E & OE		TOTAL						8988	1232	9720


Grand Total in words: Nine Thousand Seven Hundred Twenty

Authorized Signatory (With Status & Seal)

Bill of PPE

Annexure No.4

FILE NO : PCB/RO/MLPM/IC/108/2016
Date of issue : 23/04/2016



KERALA STATE POLLUTION CONTROL BOARD

CONSENT TO

OPERATE/AUTHORISATION/REGISTRATION

ISSUED UNDER

The Water (Prevention & Control of Pollution) Act, 1974
The Air (Prevention & Control of Pollution) Act, 1981

and


The Environment (Protection) Act, 1986


As per Application No. :2803179
Dated:31-03-2016

TO

M/s MANJERI BRICKS AND METALS
VETTAKODE
PULLANCHERY PO
MANJERI
MALAPPURAM- 676122
676122

Consent No. :PCB/RO/MLPM/ICO/ 03 /2016
Valid Upto :31/03/2019






Consent form PCB

Annexure No.5

Validity expires on 10-02-2021



सत्यमेव जयते

**Proceedings of the State Environment Impact Assessment
Authority Kerala**

*Present : Prof. (Dr.) K.P. Joy, Chairman; Dr. J. Subhashini, Member and Sri. P. Mara Pandiyan,
I.A.S., Member Secretary.*


Sub: SEIAA- Environmental Clearance for the proposed building stone quarry project in Survey Nos. 276/2, 281/2 B/No. 45 at Anakayam Village, Anakayam Panchayath and Sy. No. 244 at Manjery Village, Manjery Municipality, Eranadu Taluk., Malappuram District by Sri. Abdul Azeez, Managing Director, M/s. Manjery Bricks and Metals Pvt. Ltd., Vettakode, Pullancherry P.O., Manjery, Malappuram-676122-Granted-Orders issued.

STATE ENVIRONMENTAL IMPACT ASSESSMENT AUTHORITY
No. 537/SEIAA/EC1/3880/2015 dated, Thiruvananthapuram 11-02-2016

Read: 1. Application dated 31.07.2014 submitted by Sri. Abdul Azeez, Managing Director, Manjery Bricks and Metals Pvt. Ltd., Vettakode, Pullancherry P.O., Manjery, Malappuram-676122
2. Minutes of the 45th meeting of SEAC held on 11/12-09-2015.
3. Minutes of the 49th meeting of SEAC held on 07/08-12-2015.
4. Minutes of the 48th meeting of SEIAA held on 23-01-2016.

Environmental Clearance No. 20/2016

Sri. Abdul Azeez, Managing Director, Manjery Bricks and Metals Pvt. Ltd., Vettakode, Pullancherry P.O., Manjery, Malappuram (D) vide his application received on 13/08/2014 has sought Environmental Clearance under EIA Notification, 2006 for the quarry project in Sy. No. 276/2, 281/2 B/No. 45 at Anakayam Village, Anakayam Panchayath and Sy. No. 244 at Manjery Village, Manjery Municipality, Eranadu Taluk, Malappuram District, Kerala for an area of 2.8549 hectares. The project comes under Category B, Activity 1(a), (i) as per the Schedule of EIA Notification 2006 (since it is below 50hectares) and as per O.M. No. L-11011/47/2011-IA.II (M) dated 18th May 2012 of Ministry of Environment and Forests. It is further categorized as Category B2 as per the O.M. No. J-13012/12/2013-IA-II (I) dt. 24.12.2013 of Ministry of Environment and Forests, since the area of the project is below 25 hectares. Other details of the proposal are as follows:



Page 1 of 8

Copy of EC Order

Annexure No.6

अनुज्ञप्ति प्ररूप एन.ई.-3 | LICENCE FORM LE-3
(विस्फोटक नियम, 2008 की अनुसूची 4 के भाग 1 के अनुच्छेद 3(क) से (घ) देखिए।)
(See article 3(a) to (d) of Part 1 of Schedule IV of Explosives Rules, 2008)

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

अनुज्ञप्ति सं. (Licence No.): E/SC/KL/22/1415(E57027)
वार्षिक फीस रूपर (Annual Fee Rs): 2400/-

1. Licence is hereby granted to
Shri N.P.Abdul Azeez, Managing Director (अधिभोगी / Occupier: Shri N.P.Abdul Azees), Manjery Bricks and Metals Pvt Ltd, Anakkayam P.O.,
Town/Village - Manjery, District-MALAPPURAM, State-Kerala, Pincode - 676122

को अनुज्ञप्ति अन्दत की जाती है।

2. अनुज्ञप्तिधारी की प्रास्थिति | Status of licensee : Company

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

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

क्र. सं.	नाम और विवरण	वर्ग और प्रभाग	उप-प्रभाग	मात्रा किसी एक समय में
Sr. No.	Name and Description	Class & Division	Sub-division	Quantity at any one time
1.	Nitrate Mixture	2, 0	0	100 Kg
2.	Safety Fuse	6, 1	0	1500 Mtrs
3.	Ordinary Detonator	6, 3	0	2000 Nos.
4.	Electric Detonators	6, 3	0	2000 Nos.

(ख) किसी एक कलेंडर मास में खरीदे जाने वाले विस्फोटक की मात्रा [अनुच्छेद 3(ख) और (ग) के अधीन अनुज्ञप्ति के लिए] 10 times as above.

(b) Quantity of explosives to be purchased in a calendar month[applicable for licence under article 3(b) and (c)]:

5. निम्नलिखित रेखाचित्र (रेखाचित्रों) से अनुज्ञप्त परिसर की पुष्टि होती है।
The licensed premises shall conform to the following drawing(s):
रेखाचित्र क्र. (Drawing No.) E/SC/KL/22/1415(E57027)
दिनांक (Dated) 18/03/2016

6. अनुज्ञप्ति परिसर निम्नलिखित पते पर स्थित हैं। The licensed premises are situated at following address:
Survey No. 281/2, ग्राम (Town/Village) : Anakkayam village, Ernad Taluk, Malappuram Distric
जिला (District) MALAPPURAM राज्य (State) Kerala पुलिस थाना (Police Station) : Manjery
दूरभाष (Phone) 9745178677 ई.मेल (E-Mail) फिनकोड (Pincode) 0
फैक्स (Fax)

7. अनुज्ञप्ति परिसर में निम्नलिखित सुविधाएं अंतर्विष्ट हैं।
The licensed premises consist of following facilities.
A set of one D type (SL.No.369) and one E type (SL.No.522) portable magazines fabricated by M/s Thekkans Engg and Fabrication Works, Ernakulam, Kerala.

8. अनुज्ञप्ति समय - समय पर यथासंशोधित विस्फोटक अधिनियम, 1884 और उनके अधीन विरचित विस्फोटक नियम, 2004 के उपबंधों, शर्तों और अतिरिक्त शर्तों और निम्नलिखित उपाबंधों 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, 2004 framed there under and the conditions, additional conditions and the following Annexures.

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

9. यह अनुज्ञप्ति तारीख 31 मार्च 2016 तक विधिमान्य रहेगी। This licence shall remain valid till 31st day of March 2016.

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

तारीख | The Date - 17/04/2012

संयुक्त मुख्य विस्फोटक नियंत्रक | Joint Chief Controller of Explosives
South Circle, Chennai
वृत्ते उप मुख्य विस्फोटक नियंत्रक
For Deputy Chief Controller of Explosives
एरनाकुलम, Ernakulam

नवीनीकरण के पृष्ठांकन के लिए स्थान
Space for Endorsement of Renewal

नवीकरण की तारीख Date of Renewal	समाप्ति की तारीख Date of Expiry	अनुज्ञापन प्राधिकारी के हस्ताक्षर और स्टाम्प Signature of licensing authority and stamp
03/02/2016	31/03/2021	Sd/- Jt. Chief Controller of Explosives, South Circle, Chennai

कानूनी चेतावनी : विस्फोटकों को गलत ढंग से चलाने या उनका दुरुपयोग विधि के अधीन गंभीर दंडिक अपराध होगा।
Statutory Warning : Mishandling and misuse of explosives shall constitute serious criminal offence under the law.

Explosive license

Annexure No.8

No.10242/M3/2015

Directorate of Mining & Geology
Kesavadasapuram, Pattom P.O.
Thiruvananthapuram-4
Tel: 0471-2447429
Fax: 0471-2447429
E.mail: director.dir.dmg@
kerala.gov.in
Web: www.dmg.kerala.gov.in
Dated : 16/08/2016

From
The Director of Mining & Geology

To
Sri.N.P.Abdul Azeez,
Managing Director,
Manjery Bricks & Metals Pvt. Ltd
Pullancheri.P.O,Vettakode, Manjery, Malappuram,676122

Sir,

Sub : Mines and Minerals - Minor Minerals- Granite Building Stone -
Preparation and execution of quarrying lease deed – reg –


Ref : 1. Pro.Order No. 321/2016-17/10242/M3/2016 Dated:16/08/2016
2. KMMC Rules 2015
3. Pro.OrderNo.537/SEIAA/EC1/3880/2015 dtd 11/02/2016 of State
Environment Impact Assessment Authority, Kerala, Tvpm.

Please refer to the Proceedings Order cited above where in a quarrying lease for Granite (Building Stone) was granted to Sri.N.P.Abdul Azeez, Managing Director, Manjery Bricks & Metals Pvt. Ltd Pullancheri.P.O,Vettakode, Manjery, Malappuram,676122. I request you to prepare three copies of the quarrying lease deed in original in plain paper and two copies of the same in stamped paper worth Rs. 200/- and produce the same before the **Geologist, District Office, Malappuram** for scrutiny and execution. The date of execution will be entered up by the Geologist at the time of execution. After scrutiny of the quarrying lease deed, the Geologist will inform you the date of execution convenient to him. After execution, as per the request of the Geologist, stamp duty will be fixed by the District Registrar, Malappuram and he will receive the stamp duty and a certificate of remittance of stamp duty will be entered in the lease deed. A chalan for Rs 10,550/- (Rupees ten thousand five hundred and fifty only) being the security deposit is enclosed herewith duly countersigned. Please affix your signature at the appropriate places before remittance of money in the treasury. The original treasury receipted chalan may also be produced along with the typed copies of the lease deed and the draft form 'H' which is enclosed herewith, before the **Geologist, District Office, Malappuram** at the time of execution.

Please note that the quarrying lease deed has to be executed within a period of six months from the date on which quarrying lease has been granted and got registered in accordance with the Registration Act, 1908 vide Rules 44 of the Kerala Minor Mineral Concession Rules, 2015. Form 'D' is also enclosed herewith for strict compliance and to report thereof.

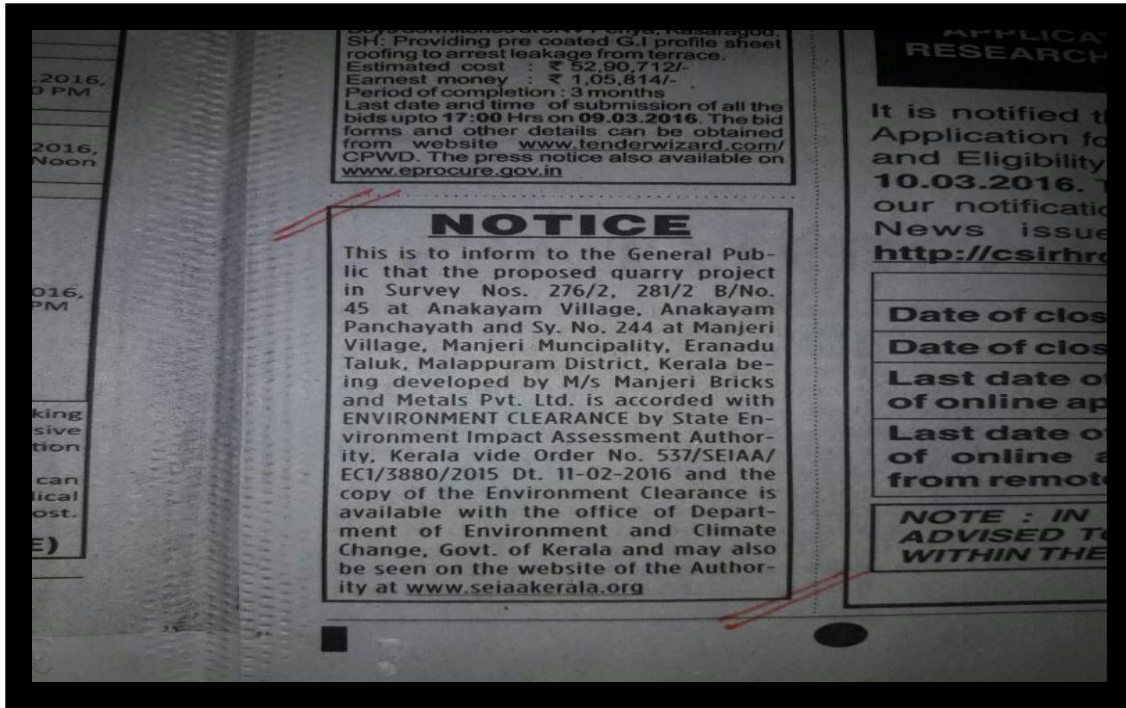
Encl : as above

Yours faithfully
[Signature]
16/08/2016
DIRECTOR OF MINING & GEOLOGY (I/c)



Copy of Lease

Annexure No.9



Advertisement in News paper