# SEVENTH COMPLIANCE REPORT

# FINAL CLEARANCE ORDER NO: 763/SEIAA/EC1/447/2015

DT. 04-03-16

BY

STATE ENVIRONMENT IMPACT ASSESSMENT AUTHORITY (SEIAA) FOR PROPOSED QUARRY PROJECT AT SY. NO. 163/2,3,4,7,8, 164/1-2, 1-4, KARAVAROM PANCHAYATH, CHIRAYINKIL TALUK, THIRUVANANTHAPURAM DISTRICT, KERALA

TO

M/S M.S BUILDING PRODUCTS, PALACHIRA P.O., VARKALA,
THIRUVANANTHAPURAM, KERALA – 695143 FOR THE
PERIOD APRIL 2021 – SEPTEMBER 2021

PROJECT PROPONENT: S.S SREEKUMAR (9349315152)

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#### INTRODUCTION

The stone quarry situated at Sy. No. 163/2,3,4,7,8, 164/1-2,1-4, (2.6694 Ha) Karavarom Panchayat, Chirayinkeezhu Taluk, Thiruvananthapuram District, Kerala. The quarry project was accorded with environmental clearance by State Environment Impact Assessment Authority on 4-3-2016. The project received all statutory permissions and commenced mining activities on 18-04-2018. The sixth compliance report for the period April 2021 to September 2021 is here by submitted. The report has two parts i) Specific Conditions ii) General Conditions. The compliance to the conditions is mentioned in the report.

During these period, the quarry was not operational from the period 1.04.2021 to 4.10.2021 as we were unable to get the RMCU license renewed from the Mining and Geology Department, Trivandrum due to internal issues at their office.

From SEAC Kerala, sub committee comprising of respected Dr.C.Bhaskaran and Shri.G.Sankar inspected project site on 02.07.2021 to renew our EC certificate. The committee found that the overall execution of the project was satisfactory and was in accordance with the conditions mentioned in the EC. A few additional details regarding the project was sought as well and the same has been provided at the SEAC office, Trivandrum.

#### STATE ENVIRONMENT IMPACT ASSESSMENT AUTHORITY KERALA

#### **SPECIFIC CONDITIONS**

Based on an overall evaluation of the site, the quarry operations may be
recommended only in the northern block. The southern block is not recommended due
to presence of a) narrow band of govt. land with a valley like configuration, b) higher
OB thickness, c) presence of a row of dwelling units in the vicinity on the southern
side and d) as it is yet to be excavated.

**COMPLIANCE**: The project site is located in the northern block.

2. Fencing should be provided all around the lease area.

**COMPLIANCE**: Fencing with barbed wires are provided around the quarry. The picture is shown in the Annexure 4.1

3. Over burden should be stored in the designated places (not here and there) and provided with proper supporting walls.

**COMPLIANCE**: The overburden is stored at the place with slope less than 45 degree and height around 9m. Annexure 4.2

4. Storm water drainage from the upper part must be channelized properly and let out through well-defined channels after clarification.

**COMPLIANCE**: Garland drains are provided to channelize the storm water into the RWH pond. The concreting work of the channels is completed. The area designated for erection of de-siltation tank is identified and worked on. Annexure 4.3

5. The RWH structure present as an abandoned quarry in the adjacent land may not be sufficient in the long run. A proper RWH body must be provided in the lease area with water clarification mechanism and maintained throughout. Periodic desiltation is mandatory.

**COMPLIANCE:** A new RWH structure has been built inside the site to harvest more water. A desiltation tank will be constructed soon to clarify the water flowing into the RWH from the benches.

6. The approach road is of very bad state due to frequent travel of trucks. There should be a collective effort by the nearby quarry owners to maintain the road motorable as they are used by general public also.

**COMPLIANCE**: Certain section of the road is tarred and others are concreted. The quarry association has invested around Rs. 55 lac to repair and re-tar the roads. Some portions are left un-tarred as there is a litigation pending regarding the ownership of the road.

- 7. To the extent possible local bio diversity management committee shall be involved in the environmental management/restoration activities.
  - **COMPLIANCE**: A meeting was conducted in the month of March 2020, attended by all the crusher owners in the panchayat. It was decided that everyone must contribute Rs 1 lac to begin the activities of the committee. The same was honored and the amount was transferred. However, the committee didn't commence any project yet due to Covid- 19 exigencies. Annexure 4.24
- 8. Reclamation and eco-restoration should be done by planting native species.
  - **COMPLIANCE**: We have identified local species as Acacia and Macaranga and would be planted along the buffer zone. Till date a total of 50 Acacia and 300 yellow bamboo saplings, 20 Mango saplings, 5 Avacado trees are planted. Annexure 4.20

# **GENERAL CONDITIONS**

- 1. Rain Water Harvesting facility should be installed as per the prevailing provisions of KMBR/KPBR, unless otherwise specified.
  - **COMPLIANCE**: The details of rain water harvesting pond is provided within the site to capture the rain water falling in the project area is provided at Annexure 4.4
- 2. Environment Monitoring Cell as agreed under the affidavit filed by the proponent should be formed and made functional.
  - **COMPLIANCE:** EMC has been formed and made functional. The cell is targeting to plant 1000 shurbs and trees in the quarry. 400 trees including shurbs has been planted yet.
- 3. Suitable avenue trees should be planted along either side of the tarred road and open parking areas, if any, including of approach road and internal roads.
  - **COMPLIANCE**: There is natural vegetation alongside access roads. All the trees and shurbs are preserved.
- 4. Maximum possible solar energy generation and utilization shall be ensured as an essential part of the project.
  - **COMPLIANCE:** A 5kw system is already installed and obtained permission for another 2kw. The installation is complete.
- 5. Sprinklers shall be installed and used in the project site to contain dust emissions.
  - **COMPLIANCE**: Sprinklers are installed in the crusher unit to contain dust emission during Crushing & Screening operation. Other areas (tarred road and project area) are watered by sprinkler system installed in Tanker Lorry at regular intervals. A portable high pressure sprinkler system is designed to spary water in the quarry to suppress the dust emission.
- 6. Eco-restoration including the mine closure plan shall be done at the own cost of the project proponent.
  - **COMPLIANCE**: Assurance in the form of affidavit was submitted to SEIAA Kerala stating that eco-restoration including the mine closure plan will be done at our expenses. The copy of the same is attached at Annexure No. 4.7

- 7. 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 area eco-friendly, if no other specific condition on reclamation of pit is stipulated in the E.C
  - COMPLIANCE: Would be complied towards closure of the entire mine. Following the closure of the mine, ten percentage of the excavated pit area will be retained as water storage area. In the remaining area, it is planned to develop a green belt with indigenous vegetation after reclaimed with stacked dumping and overburden. Grass and Shrub species with strong root system will be planted in the areas prone to erosion especially at the foot of the hill. However, the natural vegetation in the upper lease area is preserved.
- 8. Corporate Social Responsibility (CSR) agreed upon by the proponent should be implemented.
  - **COMPLIANCE**: Funds are been saved and are dispersed in sectors like education, housing, health and disaster fund of Chief Minister. As per the condition Rs. 1,00,000/- has to be dispersed every year (Rs. 5,00,000 budgeted for 5 years). However, we have dispersed an amount of Rs. 11,26,301/- within 4 years of operation. The expenditure report is given in Annexure 4.8
- 9. The lease area shall be fenced off with barbed wires to a minimum height of 4ft around, before starting of mining. All the boundary indicators (boards, stores, marking, etc) shall be protected at all times and shall be conspicuous.
  - **COMPLIANCE**: The area is fenced with barbed wires to a height of 4ft and safety boards are hung. The photographs are given in the Annexure 4.1
- 10. Warning alarms indicating the time of blasting (to be done at specific timings) has to be arranged as per stipulations of Explosive Department.
  - **COMPLIANCE:** Warning boards indicating blasting time are fixed and siren is installed. Annexure 4.9
- 11. Control measures on noise and vibration prescribed by KSPCB should be implemented.
  - **COMPLIANCE**: Proper Acoustic enclosures are provided to crusher.
- 12. Quarrying activities should be limited to day times as per KSPCB guidelines /specific conditions.
  - **COMPLIANCE**: Quarry working time is from 7.00am to 5.00pm and is strictly limited to day time.

- 13. Blasting should be done in a controlled manner as specified by the regulations of explosives Department or any other concerned agency.
  - **COMPLIANCE**: Controlled Blasting is done using blasting mat. It is ensured that the holes are not over charged and stemming is done properly. The holes are spaced 1 to 1.5m and delay detonators are used for blasting. The blasting operation is carried out by an experienced mines mate.
- 14. A licensed person should supervise/ control the blasting operations.
  - **COMPLIANCE**: Mines mate with certificate of competency and good experience is carrying out blasting operation.
- 15. Access roads to the quarry shall be tarred to contain dust emissions that may arise during transportation of materials.
  - **COMPLIANCE**: The access roads are tarred and water is sprinkled to contain the dust becoming airborne. Annexure 4.10
- 16. Overburden materials should be managed within the site and used for reclamation of mine pit as per mine closure plan Specific conditions.

**COMPLIANCE**: Would Comply.

17. Height of benches should not exceed 5 m, and width should not be less than 5 m, if there is no mention is the mining plan/specific condition.

**COMPLIANCE**: Would comply

- 18. Mats to reduce fly rocks blast to a maximum of 10 PPV should be provided.
  - **COMPLIANCE**: Mats are provided and spread on the surface before blasting.
- 19. Maximum depth of mining from general ground level at site shall not exceed 10m
  - **COMPLIANCE**: Would be complied.
- 20. No mining operations should be carried out at places having a slope greater than 45 degree.

**COMPLIANCE**: Would be complied.

- 21. Acoustic enclosures should have been 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.
  - **COMPLIANCE**: Proper Acoustic enclosures with blocks are provided to reduce sound amplification.

- 22. The workers on the site should be provided with the required protective equipment such as ear muffs, helmet, etc.
  - **COMPLIANCE**: Safety gears including helmet, shoes, ear muffs and safety belts are provided at the site.
- 23. Garland drains with clarifiers to be provided in the lower slopes around the core area to channelize storm water.
  - **COMPLIANCE**: Garland drains are dug out and water is channelized to water harvesting pond.
- 24. The transportation of minerals should be done in covered trucks to contain dust emissions.
  - **COMPLIANCE**: The materials are covered with tarpaulin while transporting to avoid dust becoming air borne.
- 25. The proponent should plant trees at least 5 times-of the loss that has been occurred while clearing the land for the project.
  - **COMPLIANCE**: The top of the lease was exposed rocks. Most of the natural vegetation is preserved. However, the buffer zone area will be vegetated with local varieties of trees and shrubs as per restoration plan.
- 26. Disposal of spent oil from diesel engines should be as specified under the relevant Rules/Regulations.
  - **COMPLIANCE**: Used oil is collected in containers and sold for recycling. Extra precaution is taken while draining the oil to avoid spillage.
- 27. Explosives should be stored in magazines in isolated place specified and approved by the Explosives Department.
  - **COMPLIANCE**: Explosive storage magazine room is constructed as per the direction of the department at an isolated place. Annexure 4.13
- 28. A minimum buffer distance of 100m from the boundary of the quarry to the nearest dwelling unit or other structures, not being any facility for mining shall be provided.
  - **COMPLIANCE**: A minimum buffer distance of 100m is maintained from dwelling units.
- 29. 100m buffer distance should be maintained from forest boundary.
  - **COMPLIANCE**: There are no forest boundaries nearby. The nearest reserve forest is 43km away.
- 30. Consent from Kerala State Pollution Control Board under water and Air Acts should be obtained before initiating mining activity.

**COMPLIANCE**: The necessary consents are obtained from PCB.

31. All other statutory clearances should be obtained, as applicable, by project proponents from the respective competent authority including that for blasting and storage of explosives.

**COMPLIANCE**: All the statutory clearances are obtained and copies are given in the Annexure.

32. In the case of any change(s) in the scope of the project, extent quantity, process of mining technology involved or in any way affecting the environmental parameters/impacts as assessed, based on which only the E.C is issued, the project would require a fresh appraisal by this Authority, for which the proponent shall apply and get the approval of this Authority.

**COMPLIANCE:** Would comply.

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

**COMPLIANCE**: Would comply if anything specified.

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) Act1986, the Public Liability (Insurance) Act 1991 and EIA Notification 2006.

**COMPLIANCE**: Would comply.

35. The project proponent should advertise in at least two local newspapers widely circulated in the region, one of which (both the 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 State Environment Impact Assessment Authority (SEIAA) office and may also be seen on the website of the Authority at www.seiaakerala.orgThe advertisement should be made within 10 days from the date of receipt of the clearance letter and a copy of the same signed in all pages should be forwarded to the office of this Authority as confirmation.

**COMPLIANCE**: An advertisement in two local newspapers regarding the according of environmental clearance to the quarrying activity was carried out and the copy of the same was submitted at SEIAA Kerala.

- 36. A copy of the clearance letter shall be sent by the proponent to concerned Grama Panchayat/District Panchayat/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.
  - **COMPLIANCE**: A copy of the environmental clearance was submitted to Karavarom panchayat office. No suggestions / Representation received so far from anybody. The environmental clearance is uploaded in the website <a href="https://www.msbuildingproducts.com">www.msbuildingproducts.com</a>
- 37. The proponent shall submit half yearly reports on the status of compliance of the stipulated EC conditions including results of monitored data (both in hard 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 to the State Environment Impact Assessment Authority (SEIAA) office.
  - **COMPLIANCE**: The second compliance report is being submitted to Department of Environment and Climate Change, Govt. of Kerala and to the regional office of Ministry of Environment and Forests, Govt. of India both in hard copy and by mail and also by the CD soft copy.
- 38. The details of Environmental Clearance should be prominently displayed in a metallic board of 3 ft x 3 ft with green background and yellow letters of Times New Roman font of size of not less than 40. Sign board with extent of lease area and boundaries shall be depicted at the entrance of the quarry, visible to the public.
  - **COMPLIANCE**: The board of prescribed specification with details is erected at the site.
- 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.
  - **COMPLIANCE**: Affidavit is submitted during application for Environmental Clearance at SEIAA.
- 40. No change in mining technology and scope of working should be made without prior approval of the SEIAA, as applicable.
  - **COMPLIANCE**: Would comply.
- 41. The project proponent shall ensure that no natural water course and/or water resources shall be obstructed due to any mining operations. Necessary safeguard measures to

protect the first order streams, if any originating from the mine lease shall be taken.

- **COMPLIANCE**: No natural course or springs originating in the mine. Natural flow of rain water is unobstructed.
- 42. Monitoring of Ambient Air Quality to be carried out based on the Notification 2009, as amended from time to time by the Central Pollution Control Board. Water sprinkling should be increased at places loading and unloading points & transfer point to reduce fugitive emissions.
  - **COMPLIANCE**: Ambient air quality is tested and found to be satisfactory. Water sprinkling is done using truck affixed with a sprinkler system at loading and unloading points.
- 43. The top soil, if any, shall temporarily be stored at earmarked site(s) only for the top soil shall be used for land reclamation and plantation. The over burden (OB) generated during the mining operations shall be stacked at earmarked dump site (s) only. The maximum height of the dumps shall not exceed 8m and width 20m and overall slope of the dumps shall be maintained to 45° The OB dumps should be scientifically vegetated with suitable native species to prevent erosion and surface run of. In critical areas, use of geo textiles shall be undertaken for stabilization of the dump. The entire excavated area shall be backfilled. Monitoring and management of rehabilitated areas should continue until the vegetation becomes self-sustaining.
  - **COMPLIANCE**: The OB is dumped in the designated area with slope less than 45 degrees. The OB is spread on the benches to initiate plantation of small shurbs along the benches. All conditions mentioned in the reclamation plan would be complied.
- 44. Catch drains and siltation ponds of appropriate size shall be constructed around the mine working, mineral and OB dumps to prevent run off of water and flow of sediments directly into the river and other water bodies. The water so collected should be utilized for watering the mine area, roads, green belt development etc. The drains shall be regularly desilted particularly after monsoon and maintained properly.
  - **COMPLIANCE**: Garland drains though not insisted in EC conditions are constructed around the quarry. The drains are then channelized into the RWH. The quarry is situated in an area designated as drought area. So there is no chance of overflow from the quarry with sediments or debris. The water collected is used for watering plantation and dust suppression.
- 45. Effective safeguard measures such as regular water sprinkling shall be carried out in critical areas prone to air pollution and having high levels of PM<sub>10</sub>andPM<sub>2.5</sub> such as haul Road, loading and unloading points and transfer points it shall be ensured that the Ambient Air Quality parameters conform to the norms prescribed by the Central Pollution Control Board in this regard.

- **COMPLIANCE**: Water sprinkler system is installed in various traffic points and in quarry. They are operated regularly to reduce air pollution.
- 46. Fugitive dust emissions from all the sources should be controlled regularly. Water spraying arrangement on haul roads, loading and unloading and at transfer points should be provided and properly maintained.
  - **COMPLIANCE**: Water sprinkler system is installed at various dust sources and also in a truck. They are operated regularly to reduce air pollution. Two Industrial Dust Extractors are also fixed at crushing unit to suck the airborne dust and store them in bags.
- 47. Measures should be taken for control of noise levels below 85 dBA in the work environment.
  - **COMPLIANCE**: Acoustic enclosures using blocks are provided to keep noise level low.
- 48. A separate environmental management cell with suitable qualified personnel should be set-up under the control of a Senior Executive, who will report directly to the Head of the Organization.

**COMPLIANCE**: An environmental monitoring cell is formed and made functional. The details are provided below;

- a. Head of the monitoring cell, Managing partner of the company Mr. S.S Sreekumar
- b. Name of the Environmental officer in charge Mr. Naveen Sreekumar
- c. Name of the Asst. Officer of Environment, Health and Safety Mr. Samkutty T
- e. Name of Environment Consultant M/s Globetek
- f. Address of Environmental laboratory M/s Poluchem Laboratory Pvt.Ltd
- 49. The funds earmarked for environmental protection measures and CSR activate should be kept in separate account and should not be diverted for other purpose. Year wise expenditure should be reported to the State Environment Impact Assessment Authority (SEIAA) office.
  - **COMPLIANCE:** As per EC conditions, an amount of Rs. 1,00,000/- has to be spent on CSR measures per year for 5 years. We have dispersed a total of Rs. 11,26,301 within 4 years of operation. The details are in the Annexure 8
- 50. The Regional Office of MOEF & CC located at Bangalore shall monitor compliance of the stipulated conditions. The project authorities should extend full cooperation to the officer (s) of the Regional Office by furnishing the requisite data/information/monitoring reports.

**COMPLIANCE:** Would comply.

51. Any appeal against this Environment Clearance shall lie with the National Green Tribunal, if preferred, within a period of 30 days as prescribed under Section 16 of the National Green Tribunal Act 2010.

**COMPLIANCE**: Would comply.

52. Concealing the factual data or submission of false/fabricated data and failure to comply with any of the conditions mentioned above may result in withdrawal of this clearance and attract action under the provisions of Environment (Protection) Act 1986.

**COMPLIANCE**: Would comply.

53. The SEIAA may revoke or suspend the order, for non implementation of any of the specific or this Implementation of any of the above conditions is not satisfactory, the SEIAA reserves the right to alter/modify the above conditions or stipulate any further condition in the interest of environment protection.

**COMPLIANCE:** Would comply.

54. The above conditions shall prevail not withstanding anything to the contrary, in consistent, or simplified, contained in any other permit, license on consent given by any other authority for the same project.

**COMPLIANCE:** Would comply.

55. This order is valid for a period of 5 years or the expiry date of mine lease period issued by the Government of Kerala, whichever is earlier.

**COMPLIANCE:** Would comply.

56. The Environmental Clearance will be subject to the final order of the courts in any pending litigation related to the land or project, in any court of law.

**COMPLIANCE:** Would comply.

57. The mining operation shall be restricted to above ground water table and it should not intersect ground water table.

**COMPLIANCE:** The ground water table is estimated to be 15m below the ground level. All the quarrying operations are limited to above groundwater table level.

58. All vehicles used for transportation and within the mines shall have 'PUC' certificate from authorized pollution taking centre. 'Washing of all vehicles shall be inside the lease area'

**COMPLIANCE:** All vehicles have fitness certificate, insurance and PUC certificate.

- 59. Project proponent should obtain necessary prior permission of the competent authorities for drawal of requisite quantity of surface water and ground water for the project.
  - **COMPLIANCE:** The daily water requirement is met by using water from RWH pond as there is scarcity of water generally in the area.
- 60. Regular monitoring of flow rates and water quality up stream and downstream of the springs and perennial nallahs flowing in and around the mine lease area shall be carried out and reported in the six monthly reports to SEIAA.
  - **COMPLIANCE:** There are no spring or perennial nallahs in and around the mine.
- 61. Occupational health surveillance program of the workers should be under taken periodically to observe any contractions due to exposure to dust and take corrective measures, if needed.
  - **COMPLIANCE:** Medical Examination (blood, sugar, cholesterol, chest x rays) of the workers are done at Gokulam Medical College, Venjaramoodu.

# **ANNEXURE**

# 1. BARBED WIRE FENCE



# 2. OVERBURDEN



# 3. GARLAND DRAINS





#### 4. RAINWATER HARVESTING POND





# **5. AVENUE TREES**





# 6. SPRINKLERS

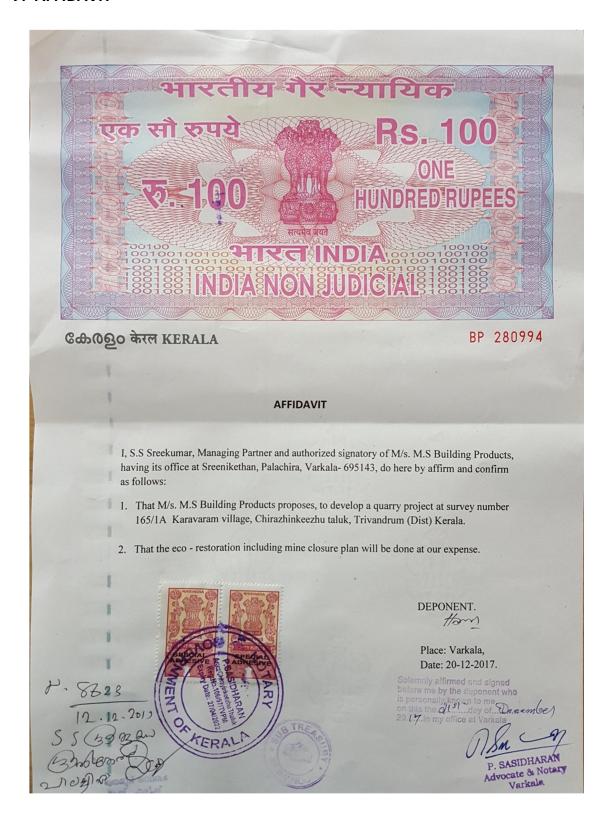




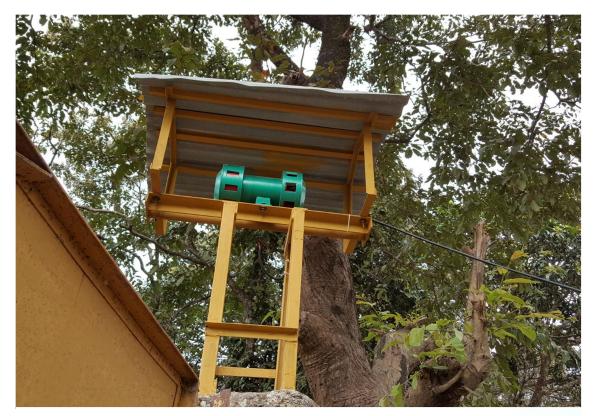




#### 7. AFFIDAVIT



# 8. WARNING SIREN & SIGN BOARD





# 9. ACCESS ROADS





# **10. BLASTING MATS**



# **11. TRANSPORTATION IN VEHICLE**



# **12. MAGAZINE ROOM**



#### 13. POLLUTION CONTROL BOARD LICENSE

File ref.No. 9391



#### KERALA STATE POLLUTION CONTROL BOARD

FILE NO. :PCB/TVM-DO/ICO/CHZ-6019958/2017 Date of issue :2021-08-27

CONSENT VARIATION ORDER

Consent No: PCB/TVM-DO/CHZ/VAR/QRY/15/2021

Ref: 1.1CO Variation: PCB/TVM-DO/CHZ/VARI/QRY/01/2021 VALID UPTO 03.09.2021
2. Your request letter dated. 19.01.2021

The 'Integrated Consent to Operate' issued as per reference above to M/s M S BUILDING PRODUTS, KARAVARAM, CHIRAYINKEEZHU, THIRUVANANTHAPURAM is hereby modified & issued to M/s M S BUILDING PRODUTS, KARAVARAM, CHIRAYINKEEZHU, THIRUVANANTHAPURAM. The consent(s)/variation order(s) cited under reference are integral part of this consent variation order and this order is subject to the conditions stipulated therein and the following modifications/ additions.

#### I. GENERAL

S.No.	Items	Description
1	VALIDITY	31/03/2022

#### II. CONDITIONS

DATE: 27/08/2021

 This consent is issued based on the request and other documents submitted by the applicant vide reference. If any any of the document is found false, this consent will automatically become invalid.

The validity of this consent is subject to the final order/judgment of Hon'ble Courts.

All other conditions of the Integrated Consent to Operate issued as per reference above remain unchanged.

Bincy B S B S Date: 2021.09.08 17:30:10 +05'30'

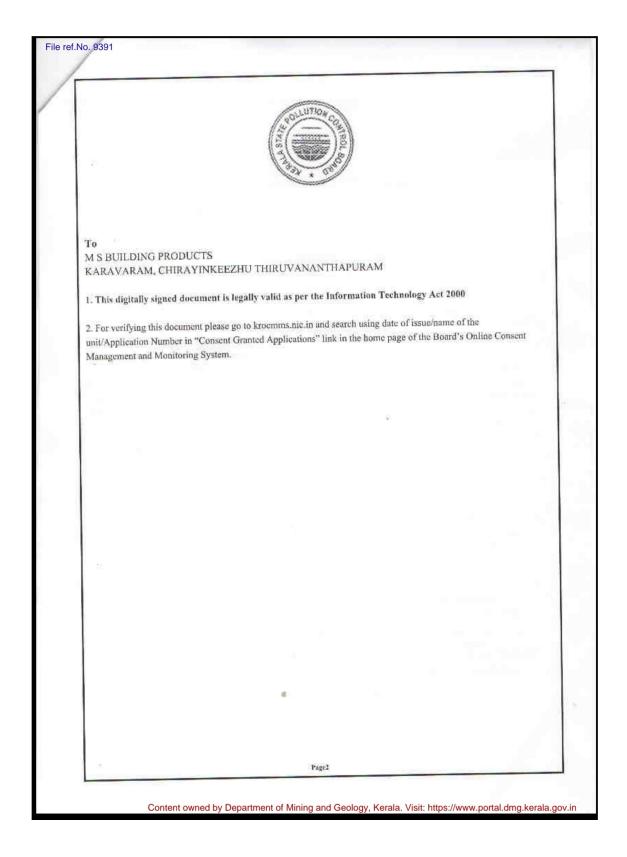
SIGNATURE & SEAL OF ISSUING AUTHORITY

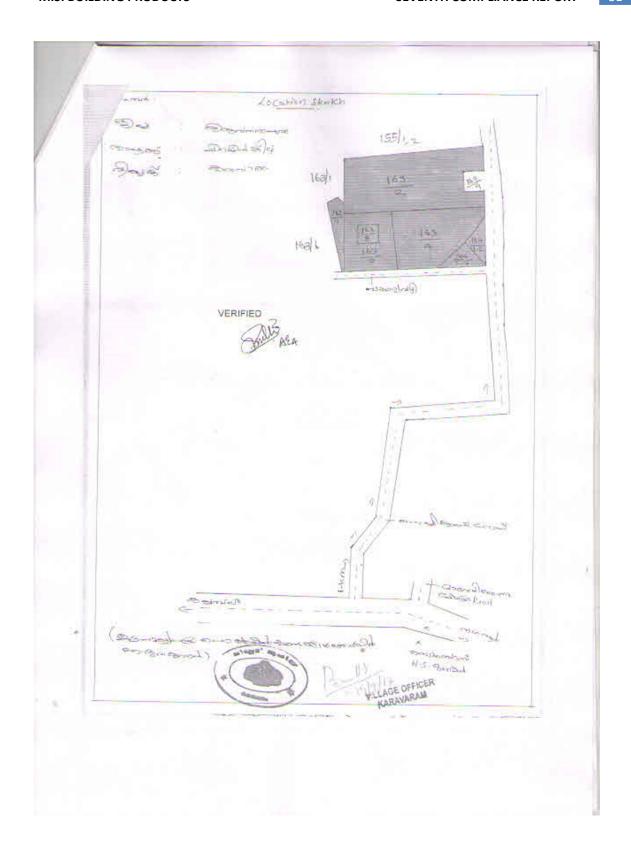
ASSISTANT ENVIRONMENTAL ENGINEER. DISTRICT OFFFICE,

THIRUVANANTHAPURAM

Page1

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#### 14.PANCHAYAT LICENSE



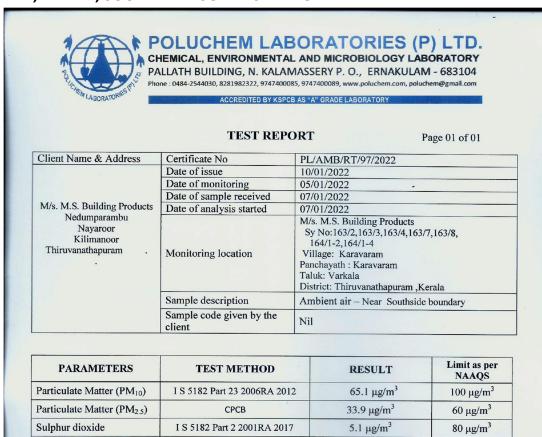
#### 15.NEWSPAPER ADVERTISEMENT



#### 16. EC BOARD



#### 17. AIR, WATER, SOUND AND SOIL TEST REPORT



Note: NAAQS-National Ambient Air Quality Standards

\*End of the Report\*

IS 5182 Part 06 2006 RA 2017

The results are related only to the sample collected for analysis. This certificate shall not be reproduced except in full and without the written permission with authorized signatory.

Nitrogen dioxide

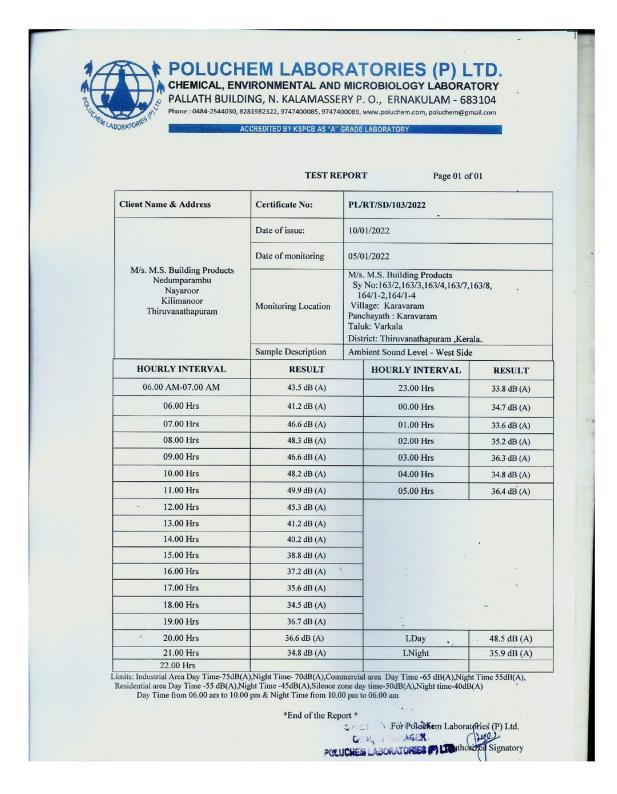
For and on behalf of POLUCHEM LABORATORIES (P) LTD.

 $80 \mu g/m^3$ 

 $3.1 \, \mu g/m^3$ 

AUTHORIZED SIGNATORY

CHAITY MANAGE
POLUCIEM EASONATORES POLICE



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## POLUCHEM LABORATORIES (P) LTD. CHEMICAL, ENVIRONMENTAL AND MICROBIOLOGY LABORATORY

PALLATH BUILDING, N. KALAMASSERY P. O., ERNAKULAM - 683104 Phone: 0484-2544030, 8281982322, 9747400085, 9747400089, www.poluchem.com, poluchem@gmail.com

ACCREDITED BY KSPCB AS "A" GRADE LABORATORY

#### TEST REPORT

Ref.No. PL/RT/SW/108/2022 Name & address of customer

Date of Issue: 10/01/2022 : M/s. M.S. Building Products

Sy No:163/2,163/3,163/4,163/7,163/8,

164/1-2,164/1-4 Village: Karavaram Panchayath : Karavaram

Taluk: Varkala

District: Thiruvanathapuram ,Kerala : Poluchem Laboratory Sample Collector

: Water Sample

: Surface Water - North Side

: 05/01/2022 : 06/01/2022 : 10/01/2022

Location of sampling Date of sample collected Date of analysis started Date of completion of analysis

Sample drawn by

Sample description

Parameters tested Test method		Results	Acceptable Limit As Per IS 10500-2012
Color	IS 3025 (P) 04 – 1983 RA2017	14 Hazen Unit	5 Hazen Unit
Odour	IS 3025 (P) 05 – 1983 RA2017	Agreeable	Agreeable
Turbidity	IS 3025 (P) 10 – 1984 RA2017	7.2 NTU	1 NTU
pH	IS 3025 (P) 11 – 1983 RA 2017	6.78	6.5 - 8.5
Total Dissolved Solids	IS 3025 (P) 16 – 1984 RA2017	110 mg/l	500 mg/l
Total Hardness as CaCO <sub>3</sub>	IS 3025 (P) 21 – 1983 RA2014	22.3 mg/l	200 mg/l
Total Alkalinity as CaCO <sub>3</sub>	IS 3025 (P) 23 – 1986 RA2014	17.8 mg/l	200 mg/l
Residual Chlorine	IS 3025 (P) 26 – 1986 RA2014	BDL	0.2 mg/l
Chloride as Cl	IS 3025 (P) 32 – 1988 RA2014	15.6 mg/l	250 mg/l
Calcium as Ca	IS 3025 (P) 40 – 1991 RA2014	9.9 mg/l	75 mg/l
Magnesium as Mg	IS 3025 (P) 46 – 1994 RA2014	4.36 mg/l	30 mg/l
Total Iron as Fe	IS 3025 (P) 53 – 2003 RA2014	0.82 mg/l	1 mg/l
Sulphate as SO <sub>4</sub>	IS 3025 (P) 24 – 1986 RA2009	8.9 mg/l	200 mg/l
Fluoride as F	IS 3025 (P) 60 -2008 RA 2013	0.20 mg/l	1.0 mg/l
Biochemical Oxygen Demand (3 days at 27° C)	IS 3025 (P) 44 – 1993RA 2014	5.3 mg/l	
Chemical Oxygen Demand	IS 3025 (P) 58 – 2006 RA2017	20 mg/l	-
Dissolved Oxygen	IS 3025 (P) 44 – 1989RA 2014	5.3 mg/l	
Zinc as Zn	IS 3025 (P)49 – 1994 RA2014	BDL	5 mg/l
Manganese as Mn	IS 3025(P) 59-2006 RA2017	BDL	0.1 mg/l
Cadmium as Cd	IS 3025(P) 41-1992 RA2014	BDL	0.003 mg/l
Lead as Pb	IS 3025(P) 47- 1994 RA2014	BDL	0.01 mg/l
Coliforms(MPN/100ml)	IS 1622: 1981 RA 2009	150	Absent
Ecoli (Present or Absent/100ml)	IS 1622: 1981 RA 2009	Present	Absent

Note: BDL - Below Detection Level

\* End of the report\*

\* End of the report\*

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#### TEST REPORT

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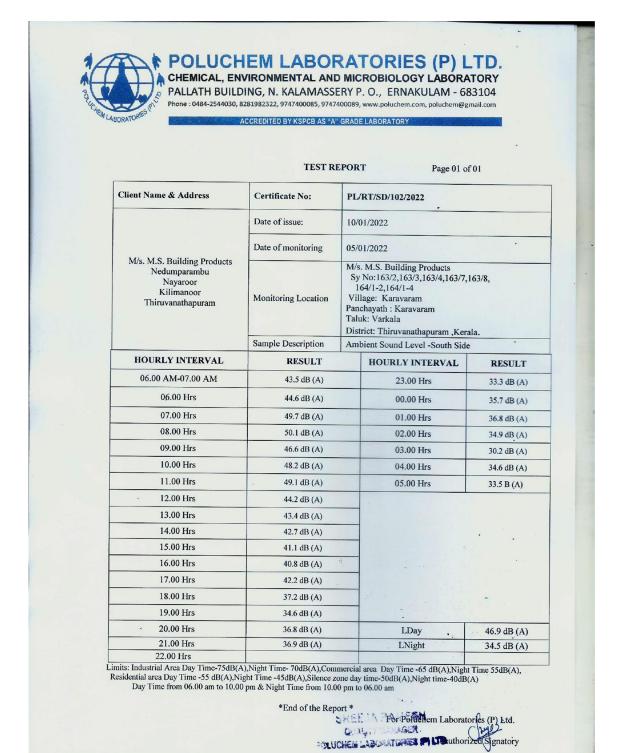
Certificate No:	PL	/RT/SD/101/2022	•
Date of issue:	10/0	01/2022	
Date of monitoring	05/0	01/2022	
Monitoring Location	Sy 1 Vil Pan Talu	No:163/2,163/3,163/4,163/7 64/1-2,164/1-4 lage: Karavaram chayath: Karavaram ık: Varkala	
Sample Description	Am	bient Sound Level -North Sid	le
RESULT		HOURLY INTERVAL	RESULT
44.6 dB (A)		23.00 Hrs	32.2 dB <sub>c</sub> (A)
42.5 dB (A)		00.00 Hrs	32.8 dB (A)
43.7 dB (A)		01.00 Hrs	33.4 dB (A)
49.9 dB (A)		02.00 Hrs	32.5 dB (A)
46.5dB (A)	12.11	03.00 Hrs	32.4 dB (A)
41.2 dB (A)		04.00 Hrs	33.4 dB (A)
40.7 dB (A)		05.00 Hrs	30.2 B (A)
45.9 dB (A)			
42.4 dB (A)			
43.2 dB (A)			
38.3 dB (A)			
39.2 dB (A)	4		
36.4 dB (A)			
35.3 dB (A)			-
37.4 dB (A)			
35.5 dB (A)		LDay .	45.3 dB (A)
34.1 dB (A)		LNight	34.6 dB (A)
	Date of issue:  Date of monitoring  Monitoring Location  Sample Description  RESULT  44.6 dB (A)  42.5 dB (A)  43.7 dB (A)  49.9 dB (A)  46.5dB (A)  41.2 dB (A)  45.9 dB (A)  42.4 dB (A)  43.2 dB (A)  38.3 dB (A)  39.2 dB (A)  36.4 dB (A)  37.4 dB (A)  37.4 dB (A)  37.4 dB (A)	Date of issue: 10/4  Date of monitoring 05/6  Monitoring Location Part of the properties of the proper	Date of issue: 10/01/2022

Limits: Industrial Area Day Time-75dB(A),Night Time-70dB(A),Commercial area Day Time-65 dB(A),Night Time 55dB(A), Residential area Day Time-55 dB(A),Night Time -45dB(A),Silence zone day time-50dB(A),Night time-40dB(A)

Day Time from 06.00 am to 10.00 pm & Night Time from 10.00 pm to 06.00 am

\*End of the Report \*

For Poluchem Laboratories (P) Ltd. CHALL TO TAGER PORUCHES ABORATORES ( LA Authorized Signatory



Page 01 of 01



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## TEST REPORT

Ref.No. PL/RT/SW/106/2022 Name & address of customer

Location of sampling

Date of analysis started

Date of sample collected

Date of completion of analysis

Date of Issue: 10/01/2022 : M/s. M.S. Building Products

Sy No:163/2,163/3,163/4,163/7,163/8,

164/1-2,164/1-4 Village: Karavaram Panchayath: Karavaram

Taluk: Varkala

District: Thiruvanathapuram ,Kerala Sample drawn by : Poluchem Laboratory Sample Collector Sample description

: Water Sample

: Surface Water - South Side

: 05/01/2022 : 06/01/2022 : 10/01/2022

Parameters tested Acceptable Limit As Test method Results Per IS 10500-2012 Color IS 3025 (P) 04 - 1983 RA2017 5 Hazen Unit 5 Hazen Unit Odour IS 3025 (P) 05 - 1983 RA2017 Agreeable Agreeable IS 3025 (P) 10 - 1984 RA2017 Turbidity 1.3 NTU 1 NTU рН IS 3025 (P) 11 - 1983 RA 2017 6.62 6.5 - 8.5Total Dissolved Solids IS 3025 (P) 16 - 1984 RA2017 500 mg/l 70 mg/l Total Hardness as CaCO3 IS 3025 (P) 21 - 1983 RA2014 17.8 mg/l 200 mg/l Total Alkalinity as CaCO3 IS 3025 (P) 23 - 1986 RA2014 9.91 mg/l 200 mg/l Residual Chlorine IS 3025 (P) 26 - 1986 RA2014 0.2 mg/l BDL Chloride as Cl IS 3025 (P) 32 - 1988 RA2014 8.23 mg/l 250 mg/l Calcium as Ca IS 3025 (P) 40 - 1991 RA2014 4.23 mg/l 75 mg/l Magnesium as Mg IS 3025 (P) 46 - 1994 RA2014 BDL 30 mg/l Total Iron as Fe IS 3025 (P) 53 - 2003 RA2014 0.30 mg/l 1 mg/l IS 3025 (P) 24 - 1986 RA2009 Sulphate as SO<sub>4</sub> 4.1 mg/l 200 mg/l Fluoride as F IS 3025 (P) 60 -2008 RA 2013 0.21 mg/l · 1.0 mg/l Biochemical Oxygen Demand 4.56 mg/l IS 3025 (P) 44 - 1993RA 2014 (3 days at 27° C) Chemical Oxygen Demand IS 3025 (P) 58 - 2006 RA2017 18 mg/l --Dissolved Oxygen IS 3025 (P) 44 - 1989RA 2014 5.46 mg/l IS 3025 (P)49 – 1994 RA2014 Zinc as Zn BDL 5 mg/l Manganese as Mn IS 3025(P) 59-2006 RA2017 BDI 0.1 mg/l Cadmium as Cd IS 3025(P) 41-1992 RA2014 BDL 0.003 mg/l Lead as Pb IS 3025(P) 47-1994 RA2014 BDL 0.01 mg/1 Coliforms(MPN/100ml) IS 1622: 1981 RA 2009 90 Absent Ecoli (Present or Absent/100ml) IS 1622: 1981 RA 2009 Absent Absent

Note: BDL - Below Detection Level

For Poluchem Laboratories (P) Ltd.

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REE A RAMEON Authorized s gnatory \* End of the report\* CLUCATOR TO THE PROPERTY OF THE PROPERTY

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M.S. BUILDING PRODUCTS

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#### TEST REPORT

Page 01 of 01

Client Name & Address	Certificate No	PL/AMB/RT/96/2022
	Date of issue	10/01/2022
	Date of monitoring	05/01/2022
	Date of sample received	07/01/2022
M/s. M.S. Building Products	Date of analysis started	07/01/2022
Nedumparambu Nayaroor Kilimanoor Thiruvanathapuram	Monitoring location	M/s. M.S. Building Products Sy No:163/2,163/3,163/4,163/7,163/8, 164/1-2,164/1-4 Village: Karavaram Panchayath: Karavaram Taluk: Varkala District: Thiruvanathapuram, Kerala
	Sample description	Ambient air – Near North side boundary
D. C.	Sample code given by the client	Nil

PARAMETERS	TEST METHOD	RESULT	Limit as per NAAQS
Particulate Matter (PM <sub>10</sub> )	I S 5182 Part 23 2006RA 2012	55.2 μg/m <sup>3</sup>	100 μg/m <sup>3</sup>
Particulate Matter (PM <sub>2.5</sub> )	СРСВ	24.8 μg/m <sup>3</sup>	60 μg/m <sup>3</sup>
Sulphur dioxide	I S 5182 Part 2 2001RA 2017	$4.8 \mu g/m^3$	80 μg/m <sup>3</sup>
Nitrogen dioxide	IS 5182 Part 06 2006 RA 2017	$2.2 \mu\text{g/m}^3$	80 μg/m <sup>3</sup>

Note: NAAQS-National Ambient Air Quality Standards

\*End of the Report\*

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For and on behalf of POLUCHEM LABORATORIES (P) LTD.

AUTHORIZED SIGNATORY

BREEJA RAMPON QUALITY MAHAGE POLUCION LABORATORES & L.



# POLUCHEM LABORATORIES (P) LTD. CHEMICAL, ENVIRONMENTAL AND MICROBIOLOGY LABORATORY

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#### TEST REPORT

	IESIK	EFURI	
Client Name & Address	Certificate No:	PL/AMB/RT/	105/2022
	Date of issue:	10/01/2022	·
	Date of monitoring	05/01/2022	
M/s. M.S. Building Products Nedumparambu Nayaroor Kilimanoor Thiruvanathapuram	Monitoring Location	M/s. M.S. Building Products Sy No:163/2,163/3,163/4,163/7,163. 164/1-2,164/1-4	
	Sample Description	Soil	
Parameter	Test Met	hod	Results
pH	IS 2720(Part2:	5)-1973	6.61
Electrical Conductivity	IS 14767:2000RA2016		134.5 μS/cm
Potassium as K	EPA 3050 B		49 mg/kg
Phosphorus as P	IS 10158 :1982 RA 2014		47 mg/kg
Nitrogen as N	IS 14684: 1999	RA 2014	92 mg/kg
Organic Carbon	IS2720(Part 22	2)-1972	0.98 %
Calcium	EPA 3050 B		79 mg/kg
Magnesium	EPA 3050 B		68 mg/kg
Chloride	UEPA92	12	110 mg/kg
Sulphate	IS 2720 Part2	7:1977	96 mg/kg
			· ·

For Poluchem Laboratories (P) Ltd.

Authorized Signatory.

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#### TEST REPORT

Ref.No. PL/RT/SW/107/2022 Name & address of customer

Sample drawn by Sample description Date of Issue: 10/01/2022 : M/s. M.S. Building Products

Sy No:163/2,163/3,163/4,163/7,163/8,

164/1-2,164/1-4 Village: Karavaram Panchayath: Karavaram

Taluk: Varkala

District: Thiruvanathapuram ,Kerala : Poluchem Laboratory Sample Collector

: Water Sample

: Surface Water - West Side

: 05/01/2022 : 06/01/2022 : 10/01/2022

 Location of sampling
 : Surf

 Date of sample collected
 : 05/0

 Date of analysis started
 : 06/0

 Date of completion of analysis
 : 10/0

 Parameters tested
 Test me

 Color
 IS 3025 (P) 04 – 19

 Odour
 IS 3025 (P) 05 – 19

Parameters tested	Test method	Results	Acceptable Limit As Per IS 10500-2012
Color	IS 3025 (P) 04 – 1983 RA2017	10 Hazen Unit	5 Hazen Unit
Odour	IS 3025 (P) 05 – 1983 RA2017	Agreeable	Agreeable
Turbidity	IS 3025 (P) 10 – 1984 RA2017	2.8 NTU	1 NTU
pH	IS 3025 (P) 11 – 1983 RA 2017	6.51	6.5 - 8.5
Total Dissolved Solids	IS 3025 (P) 16 – 1984 RA2017	46.5 mg/l	500 mg/l
Total Hardness as CaCO <sub>3</sub>	IS 3025 (P) 21 – 1983 RA2014	16.3 mg/l	200 mg/l
Total Alkalinity as CaCO <sub>3</sub>	IS 3025 (P) 23 – 1986 RA2014	7.1 mg/l	200 mg/l
Residual Chlorine	IS 3025 (P) 26 – 1986 RA2014	BDL	0.2 mg/l
Chloride as Cl	IS 3025 (P) 32 – 1988 RA2014	10.13 mg/l	250 mg/l
Calcium as Ca	IS 3025 (P) 40 – 1991 RA2014	5.11 mg/l	75 mg/l
Magnesium as Mg	IS 3025 (P) 46 – 1994 RA2014	BDL	30 mg/l
Total Iron as Fe	IS 3025 (P) 53 - 2003 RA2014	0.42 mg/l	1 mg/l
Sulphate as SO <sub>4</sub>	IS 3025 (P) 24 - 1986 RA2009	6.56 mg/l	200 mg/l ·
Fluoride as F	IS 3025 (P) 60 -2008 RA 2013	0.15 mg/l	·1.0 mg/l
Biochemical Oxygen Demand (3 days at 27° C)	IS 3025 (P) 44 – 1993RA 2014	6.61 mg/l	-
Chemical Oxygen Demand	IS 3025 (P) 58 – 2006 RA2017	20 mg/l	-
Dissolved Oxygen	IS 3025 (P) 44 – 1989RA 2014	5.32 mg/l	
Zinc as Zn	IS 3025 (P)49 – 1994 RA2014	BDL	5 mg/l
Manganese as Mn	IS 3025(P) 59-2006 RA2017	BDL	0.1 mg/l
Cadmium as Cd	IS 3025(P) 41- 1992 RA2014	BDL	0.003 mg/l
Lead as Pb	IS 3025(P) 47–1994 RA2014	BDL	0.01 mg/l
Coliforms(MPN/100ml)	IS 1622: 1981 RA 2009	110	Absent
Ecoli (Present or Absent/100ml)	IS 1622: 1981 RA 2009	Absent	Absent

Note: BDL - Below Detection Level

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### TEST REPORT

Page 01 of 01

Client Name & Address	Certificate No	PL/AMB/RT/99/2022
	Date of issue	10/01/2022
	Date of monitoring	05/01/2022
	Date of sample received	07/01/2022
M/s. M.S. Building Products	Date of analysis started	07/01/2022
Nedumparambu Nayaroor Kilimanoor Thiruvanathapuram	Monitoring location	M/s. M.S. Building Products Sy No:163/2,163/3,163/4,163/7,163/8, 164/1-2,164/1-4 Village: Karavaram Panchayath: Karavaram Taluk: Varkala District: Thiruvanathapuram, Kerala
	Sample description	Ambient air - Near West side boundary
	Sample code given by the client	Nil

PARAMETERS	TEST METHOD	RESULT	Limit as per NAAQS
Particulate Matter (PM <sub>10</sub> )	I S 5182 Part 23 2006RA 2012	47.8 μg/m <sup>3</sup>	100 μg/m <sup>3</sup>
Particulate Matter (PM <sub>2.5</sub> )	СРСВ	20.3 μg/m <sup>3</sup>	60 μg/m <sup>3</sup>
Sulphur dioxide	I S 5182 Part 2 2001RA 2017	$3.7 \mu\text{g/m}^3$	80 μg/m <sup>3</sup>
Nitrogen dioxide	IS 5182 Part 06 2006 RA 2017	2.9 μg/m <sup>3</sup>	80 μg/m <sup>3</sup>

Note: NAAQS-National Ambient Air Quality Standards

\*End of the Report\*

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AUTHORIZED SIGNATORY

SREEJA RAMPOOR

QUALITY MANA

POLICHEN LABORATORIES (F) M.B.

Page 01 of 01



### TEST REPORT

Ref.No. PL/RT/SW/104/2022 Name & address of customer

Date of Issue: 10/01/2022

: M/s. M.S. Building Products

Sy No:163/2,163/3,163/4,163/7,163/8,

164/1-2,164/1-4 Village: Karavaram Panchayath: Karavaram

Taluk: Varkala District: Thiruvanathapuram, Kerala

Sample drawn by
Sample description
Sample collected
Solve of sample collected
Solve of analysis started
Solve of analysis started
Solve of completion of analysis
Solve of solve

Parameters tested	Test method	Results	Acceptable Limit As Per IS 10500-2012
Color	IS 3025 (P) 04 – 1983 RA2017	20 Hazen Unit	5 Hazen Unit
Odour	IS 3025 (P) 05 – 1983 RA2017	Agreeable	Agreeable
Turbidity	IS 3025 (P) 10 – 1984 RA2017	10 NTU	1 NTU
pH	IS 3025 (P) 11 – 1983 RA 2017	6.52	6.5 - 8.5
Total Dissolved Solids	IS 3025 (P) 16 – 1984 RA2017	74mg/l	500 mg/l
Total Hardness as CaCO <sub>3</sub>	IS 3025 (P) 21 – 1983 RA2014	20.8 mg/l	200 mg/l
Total Alkalinity as CaCO <sub>3</sub>	IS 3025 (P) 23 – 1986 RA2014	12.5 mg/l	200 mg/l
Residual Chlorine	IS 3025 (P) 26 – 1986 RA2014	BDL	0.2 mg/l
Chloride as Cl	IS 3025 (P) 32 – 1988 RA2014	23.4 mg/l	250 mg/l
Calcium as Ca	IS 3025 (P) 40 – 1991 RA2014	6.2 mg/l	75 mg/l
Magnesium as Mg	IS 3025 (P) 46 – 1994 RA2014	4.2 mg/l	30 mg/l
Total Iron as Fe	IS 3025 (P) 53 – 2003 RA2014	1.6 mg/l	1 mg/l
Sulphate as SO <sub>4</sub>	IS 3025 (P) 24 – 1986 RA2009	13.2 mg/l	200 mg/l .
Fluoride as F	IS 3025 (P) 60 -2008 RA 2013	0.26 mg/l	1.0 mg/l
Biochemical Oxygen Demand (3 days at 27° C)	IS 3025 (P) 44 – 1993RA 2014	4.8 mg/l	
Chemical Oxygen Demand	IS 3025 (P) 58 – 2006 RA2017	26 mg/l	_
Dissolved Oxygen	IS 3025 (P) 44 – 1989RA 2014	5.2 mg/l	·
Zinc as Zn	IS 3025 (P)49 – 1994 RA2014	BDL	5 mg/l
Manganese as Mn	IS 3025(P) 59–2006 RA2017	BDL	0.1 mg/l
Cadmium as Cd	IS 3025(P) 41–1992 RA2014	BDL	0.003 mg/l
Lead as Pb	IS 3025(P) 47–1994 RA2014	BDL	0.01 mg/l
Coliforms(MPN/100ml)	IS 1622: 1981 RA 2009	240	Absent
Ecoli (Present or Absent/100ml)	IS 1622: 1981 RA 2009	Present	Absent

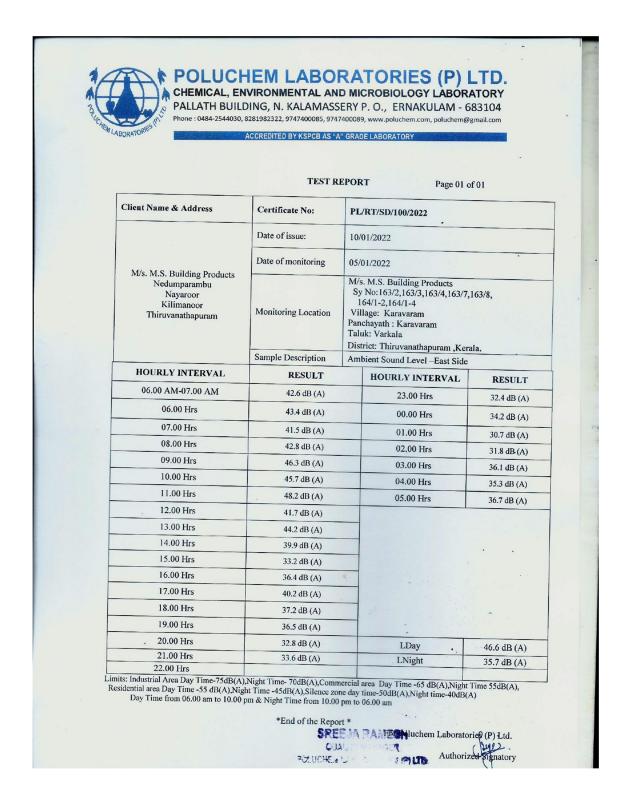
Note: BDL - Below Detection Level

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CHEMICAL, ENVIRONMENTAL AND MICROBIOLOGY LABORATORY
PALLATH BUILDING, N. KALAMASSERY P. O., ERNAKULAM - 683104
Phone: 0484-2544030, 8281982322, 9747400085, 9747400089, www.poluchem.com, poluchem@gmail.com

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#### TEST REPORT

Page 01 of 01

Client Name & Address	Certificate No	PL/AMB/RT/98/2022
	Date of issue	10/01/2022
	Date of monitoring	05/01/2022 -
	Date of sample received	07/01/2022
M/s. M.S. Building Products	Date of analysis started	07/01/2022
Nedumparambu Nayaroor Kilimanoor Thiruvanathapuram	Monitoring location	M/s. M.S. Building Products Sy No:163/2,163/3,163/4,163/7,163/8, 164/1-2,164/1-4 Village: Karavaram Panchayath: Karavaram Taluk: Varkala District: Thiruvanathapuram, Kerala
	Sample description	Ambient air – Near East side boundary
	Sample code given by the client	Nil

PARAMETERS	TEST METHOD	RESULT	Limit as per NAAQS
Particulate Matter (PM <sub>10</sub> )	I S 5182 Part 23 2006RA 2012	48.6 μg/m <sup>3</sup>	100 μg/m <sup>3</sup>
Particulate Matter (PM <sub>2.5</sub> )	СРСВ	26.4 μg/m <sup>3</sup>	60 μg/m <sup>3</sup>
Sulphur dioxide	I S 5182 Part 2 2001RA 2017	5.2 μg/m <sup>3</sup>	80 μg/m <sup>3</sup>
Nitrogen dioxide	IS 5182 Part 06 2006 RA 2017	4.1 μg/m <sup>3</sup>	80 μg/m <sup>3</sup>

Note: NAAQS-National Ambient Air Quality Standards

\*End of the Report\*

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For and on behalf of POLUCHEM LABORATORIES (P) LTD.



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POLUCIEM LABORATORES () LTD

## **18. INDUSTRIAL DUST EXTRACTOR**

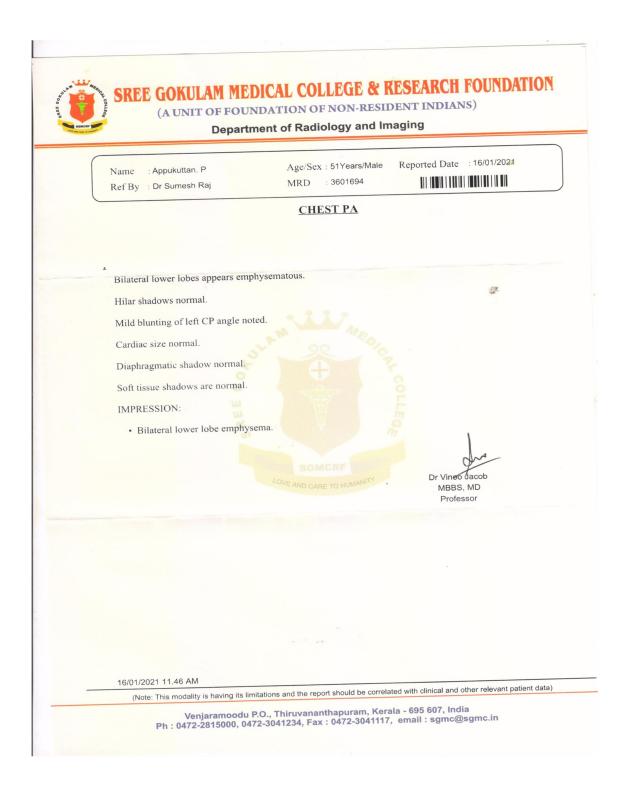


## 19. BOUNDARIES OF QUARRY WITH NATURAL VEGETATION



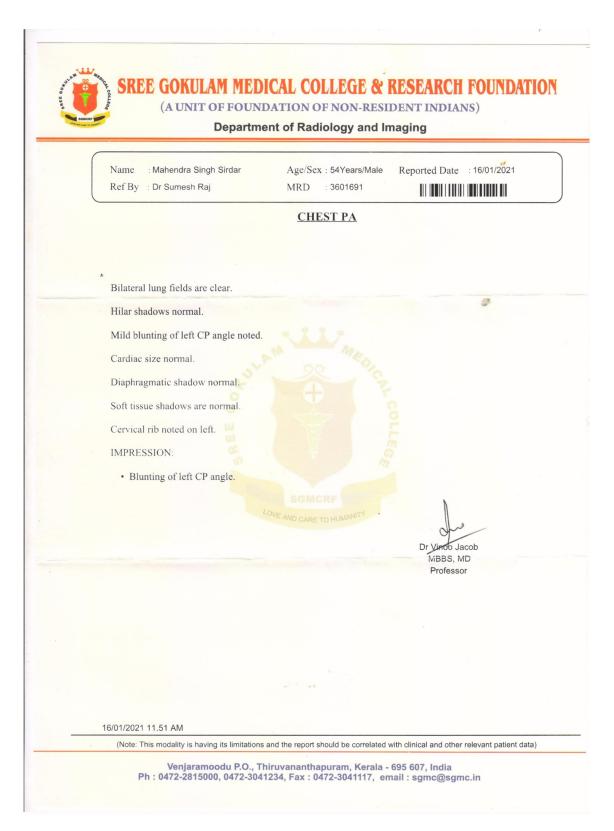


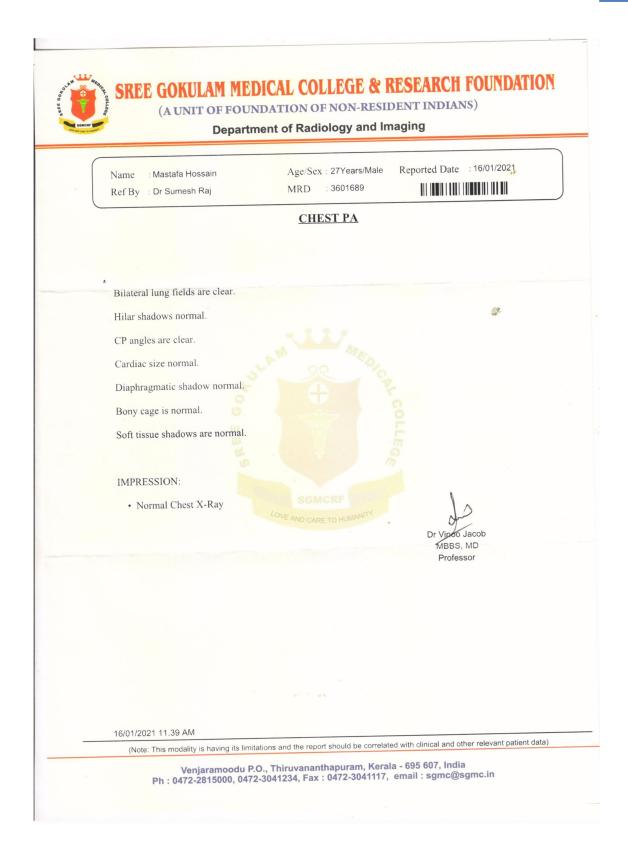
### 21. MEDICAL CHECK-UP REPORTS













## SREE GOKULAM MEDICAL COLLEGE & RESEARCH FOUNDATION

(A UNIT OF FOUNDATION OF NON-RESIDENT INDIANS)

Department of Radiology and Imaging

: Niranjan Roy Name

Age/Sex: 20Years/Male

Reported Date : 16/01/2021

Ref By : Dr Sumesh Raj

MRD : 3601693

## CHEST PA

Bilateral lung fields are clear.

Hilar shadows normal.

CP angles are clear.

Cardiac size normal.

Diaphragmatic shadow normal.

Bony cage is normal.

Soft tissue shadows are normal.

### IMPRESSION:

· Normal Chest X-Ray

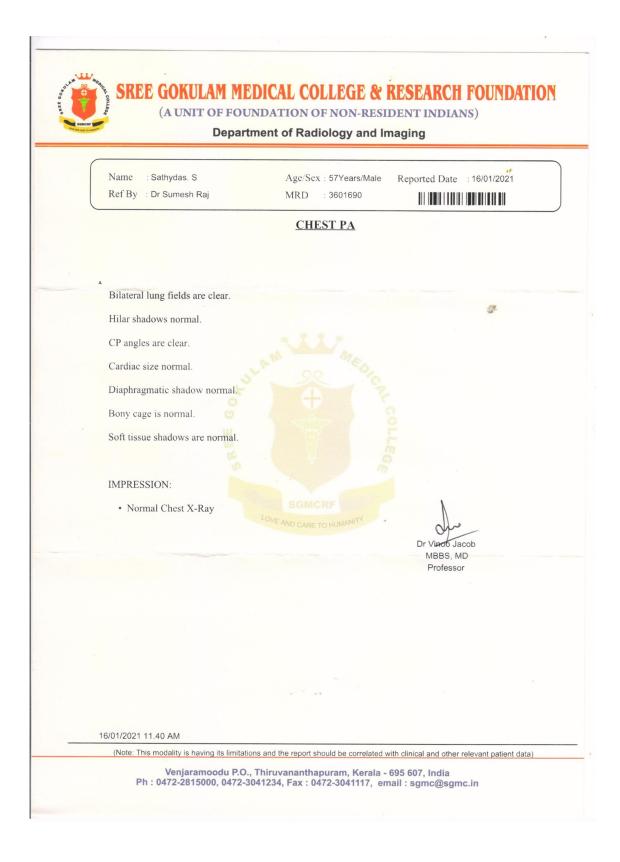
MBBS, MD Professor

16/01/2021 11.48 AM

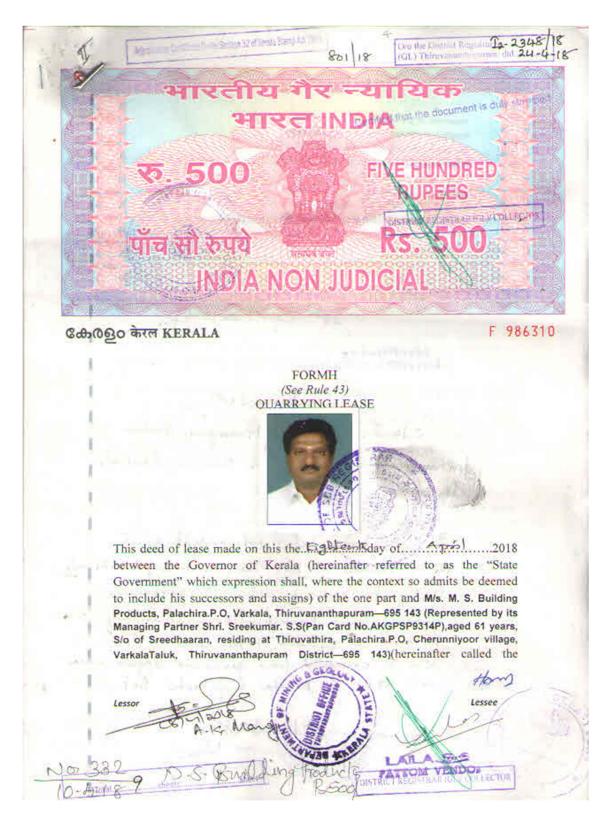
(Note: This modality is having its limitations and the report should be correlated with clinical and other relevant patient data)

Venjaramoodu P.O., Thiruvananthapuram, Kerala - 695 607, India Ph : 0472-2815000, 0472-3041234, Fax : 0472-3041117, email : sgmc@sgmc.in





### 22. LEASE DEED



"lessee/lessees" which expression shall where the context so admits, include his/their heirs, executors, administrators, representatives and permitted assigns) of the other part.

Witnesseth that in consideration of the rents and royalties and lessee's/Lessees' covenants, hereinafter reserved and contained the State Government hereby gives on lesse to the lessee/lessees the land measuring 2.6694 Hectares

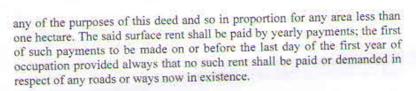
Witnesseth that in consideration of the rents and royalties and lessee's/Lessee's covenants, hereinafter reserved and contained the State Government hereby give on lease to the lessee/lessees the land measuring 2.6694 Hectares described in the schedule hereunder and delineated on the plan here to annexed and therein coloured red (hereinafter called the "said lands") to hold the same for a period of 10 (Ten only) years commencing from the (18.4.2018) (19.4.20

- The lessee/lessees shall have the right in and upon the said lands to extract Granite Building Stone (hereinafter called the said mineral/minerals) and to do all acts necessary for the extraction of the said mineral/minerals including the erection on the said lands, buildings and plant required for the purposes and also to take lead and carry away over the said lands and to dispose of the said minerals extracted as aforesaid.
- 2. The lessee/lessees shall during the subsistence of this lease have the liberty to work the said mineral/minerals and remove the same from the lease hold on permits issued by the State Government/competent authority or any other officer authorized by him in this regard. The permits shall be issued only on the basis of pre-paid royalty at the rates specified in Schedule I to these Rules. The royalty rates shall be subject to revision from time to time as the State Government may order.
- 3. The lessee/lessees shall pay to the State Government a yearly surface rent equal to the land revenue if any, assessable under the rules for the time being in force, or if the land be the property of Government or in reserve forest then equal to the land revenue plus cess, if any, per hectare of the land the surface whereof shall be occupied or used by the lessee/lessees for



Lessee

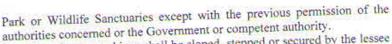
MACHINE COLLECTOR



- 4. The lessee/lessees shall at all times during the currency of this lease keep correct and intelligible books of account showing accurately the quantity of the said minerals extracted and the weight and value of the said mineral sold or exported together with the names of the purchasers or consignees. The lessee shall also maintain a register of employees showing therein separately men ,women employed daily and shall at reasonable times allow the competent authority appointed under the rules (hereinafter referred to as "competent authority") or the officer authorised by him to examine the said books of account and the register of employees and to take copies and extracts there from. The lessee/lessees shall submit reports in Forms F and G on the specified dates.
- 5. All sums found due under or by virtue of this deed from the lessee/lessees may be recovered from him jointly and severally from them and his/their properties movable and immovable under the provisions of the Revenue Recovery Act for the time being in force as though such sums are arrears of land revenue or in any other manner as the State Government may deem fit.
- The lessee/lessees shall at the lessee's/lessees' own expense erect and at all times maintain and keep in repair boundary marks and pillars along the boundaries of the said lands according to the demarcation shown in the plan hereto annexed.
- 7. The lessee shall not carry on or allow to be carried on any quarrying operations at or to any points within a distance of 100 metres from any railway line except with the previous written permission of the railway administration concerned and any bridge on National Highway or 50 metres from any reservoir, tanks, canals, rivers, bridges, public roads, other public works, residential buildings, the boundary walls of places of worship, burial grounds, burning ghats or one kilometer from the boundaries of National

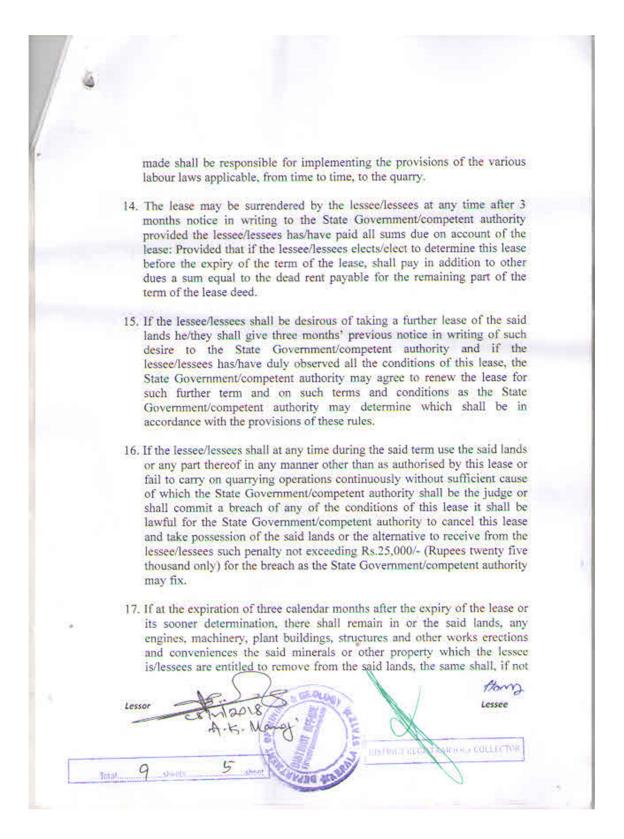


Lessee



- 8. The sides of open workings shall be sloped, stepped or secured by the lessee in such a manner as to prevent slope failure, when an open working is worked in steps, steps shall be of sufficient breadth in relation to their height to secure safety. In open workings trees liable to fall and all loose ground and material shall be removed by the lessee sufficiently far from the edge or otherwise made source in order to prevent danger to persons employed in the quarry.
- 9. If a working place is found to be unsafe all persons shall be withdrawn by the lessee/lessees immediately from the dangerous area and all access to such working place except for the purpose of removing the danger of saving life shall be prevented by securely fencing the full width of all entrances to the place.
- 10. The lessee/lessees shall at all reasonable times allow any officer authorised by the Central Government or by the State Government in that behalf to inspect the said lands and the buildings and plants erected thereon and the lessee/lessees shall assist such persons in conducting the inspection and afford them all information they may reasonably require, and shall conform to and observe all orders which the Central and State Governments as the result of such inspection or otherwise, may from time to time pass.
- 11. The lessee shall be responsible for implementing the provisions of the Various labour laws applicable, from time to time, to the quarry.
- 12. The lessee/lessees shall not assign or underlet the said lands or any part there of or the rights or privileges, therein hereby granted or any of them without the previous permission in writing of the State Government/ competent authority.
- 13. Where the lease or any right, title or interest therein has been assigned, sublet or transferred as provided in rule 45 read with condition 12, then the person in whose favour such assignment, sublease or transfer has been





removed by the lessee/lessees within one calendar month after notice in writing requiring their removal be given to the lessee/lessees by the State Government/competent authority be deemed to become the property of the State Government in such manner as they may deem fit without liability to pay any compensation or to account to the lessee/lessees in respect thereof.

- 18. This lease subject to all rules and regulations which may from time to time be issued by the State Government regulating the working of the quarries and other matters affecting safety, health and convenience of the lessee's/lessees' employees or of the public, whether under the Indian Mines Act or otherwise.
- 19. The lessee/lessees shall without delay send to the District Collector and the competent authority or the officer authorised by him in this regard report of any accident causing loss of life or serious bodily injuries or seriously affecting or endangering life or property which may at any time occur at or in the said lands in the course of operations under this lease.
- The lessee/lessees shall furnish such reports and returns relating to output, labourers employed and other matters as the State Government may prescribe.
- 21. The lessee/lessees shall make and pay such reasonable compensation as may be assessed by lawful authority in accordance with the law in force on the subject for all damage, injury or disturbance which may be done by him/them in exercise of the powers granted by this lease and shall indemnify and shall keep indemnified fully and completely the State Government against all claims which may be made by any person or persons in respect of any such damage, injury or disturbance and all costs and expenses in connection therewith.
- 22. Any condition prescribed in the Kerala Minor Mineral Concession Rules, 2015 but left out in this lease which may be found applicable to the lessee / lessees shall be treated as binding on the lessee/lessees.



- 23. In this case anticipated royalty for the mineral at rate of Rs. 24/- (Rupees twenty four only) per ton for a period of one year is Rs. 24,00,000/- (Rupees Twenty four lakhs only)
   24. Dead sort realized at the rate of I<sup>st</sup> year NII. H<sup>nd</sup> year Rs. 300/ (Rupees
- 24.Dead rent realized at the rate of I<sup>st</sup> year-NIL II<sup>nd</sup> year-Rs. 300/-(Rupees three hundred only) and III<sup>rd</sup> year onwards-Rs.1,200/- (Rupees one thousand and two hundred only) per hectare subject to revision from time to time. Surface rent at the rate of Rs.200/- (Rupees two hundred only) per hectare for one year is Rs.534/-(Rupees Five hundred and thirty four only) and security deposit is Rs.26,694/- (Rupees Twenty six thousand six hundred and ninety four only)

### SCHEDULE OF DESCRIPTION OF LAND

District :Thiruvananthapuram
Taluk :Chirayinkeezhu
Village/Amsom :Karayaram

Re-Survey Nos. of the Area : 163/2, 163/3, 163/4, 163/7, 163/8, 164/1-2

&164/1-4

Area in Hectares :2.6694 Hectares

### Bounded by Survey Nos:

On the North by :Survey Nos.155
On the East by :Survey Nos.27/1, 27/3

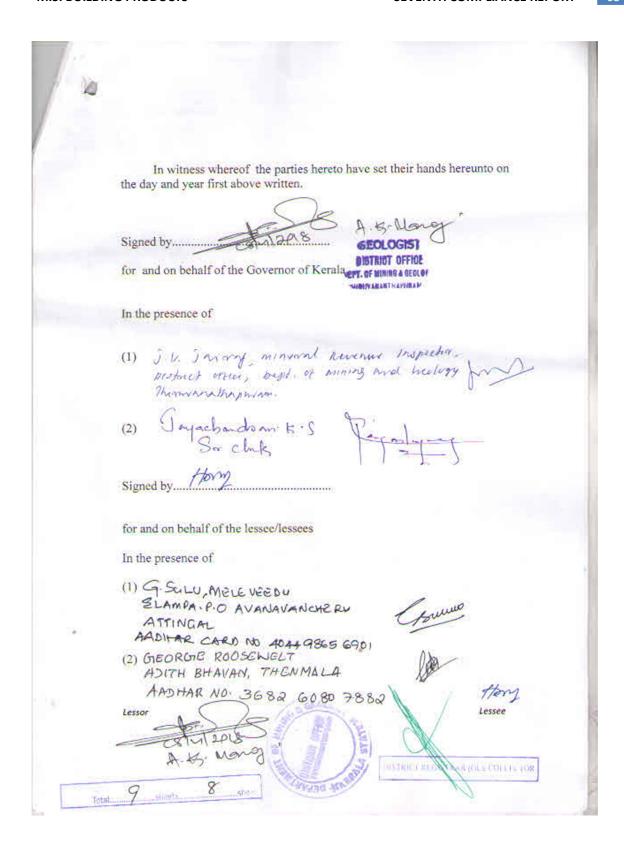
On the South by :Survey No.164/1, 165/1 (Puramboke),

165/2 (Puramboke)

On the West b :Survey No.163/6, 163/1



Lessee



## 23. PLANTING TREES ALONGSIDE BUFFER ZONE



## 24. SOLAR POWER GENERATION







## 25. C.S.R

## C.S.R FUND DISPERSEMENT REPORT TOTAL BUDGET: Rs. 5,00,000 (2016 to 2021)

SI. NO	SECTOR	BENEFICIARY	CHANNEL	AMOUNT
1	EDUCATION	GOVT. UP SCHOOL	DIRECT	Rs. 3,000
		Development Fund		
2	DISASTER	FLOOD VICTIMS	CM/DISTRICT	Rs. 2,00,000
	MANAGEMENT	(C.M.D.R.F)	COLLECTOR/TAHASILDAR	
		(TRANSPORTATION	DIRECT	Rs. 90,000
		AND RELIEF		
		MATERIALS )		
3	EDUCATION	GOVT, HSS		Rs. 32,000
		NEDUMPARAMBU	DIRECT	
		(Computerization)		
4	MEDICAL	PALLIATIVE CARE	NAGAROOR PANCHAYAT	Rs. 18, 219
		SCHEME (Bed		,
		Ridden Patients)		
5	EDUCATION	GOVT U.P SCHOOL,		
		VADASSERI (STEEL	NAGAROOR PANCHAYAT	Rs. 11,760
		WATER BOTTLES		,
		FOR 70 KIDS)		
6	SOCIAL	MARRIAGE OF AN		
		ORPHAN GIRL, ,Ms.	CRUSHER OWNERS	Rs. 1,00,000/-
		ANJANA,	ASSOCIATION.	-,,,
		PULIKUZHI,	NELLIKKUNU UNIT	
		TEVALAKADU		
7	HOUSING	COMPLETE		
		RENOVATION OF		
		HOUSE OF	DIRECT	Rs. 88,537
		MENTALLY		
		CHALLENGED		
		PATIENT, Mr.		
		MOHANAN K,		
		KATTIL VEEDU,		
		56Yrs.		
8	HOUSING	MATERIALS		
		SUPPLIED FOR	Adv. MADAVOOR ANIL,	
		CONSTRUCTION OF	KEMDEL CHAIRMAN	Rs. 42,904
		HOUSE FOR A	(Kerala State Mineral	
		HOMLESS KIDNEY	Development	
		PATIENT	Corporation)	

	HOUSING	HOUSE OF MS. SETHULEKSHMI HOUSE NO. 338 NANDAIVANAM	DIRECT	RS. 1,29,881
		REBUILDING ROOF WITH G.I SHEET OF HOUSE OF Mr. VASANTHARAN, HOUSE NO. 318 NANDAIVANAM		
10.	PLANTATIONS	AT QUARRY 300 BAMBOO SAPLINGS , 50 ACACIA SAPLINGS AND 20 MANGO TREE SAPLINGS	DIRECT	RS. 10,000
	Rs. 7,26,301			

11.	To Biodinionty Committee	CHONO. 6712 SIB 1915/2020	1,00,000
12.	Po emprf	(9/5/2020 (9/5/2020 SIB	Rs. 8,26,801 3,00,000

(ORIGINAL FOR RECIPIENT) 14-Dec-2019 Dated Invoice No. W/2462 Ref. No. VGC BEENA PVT LTD XII/541A1&A2, EVOOR-MUTTOM ROAD, ERUVA, KAYAMKULAM ALAPPUZHA GSTIN/UIN: 32AAGCV4346P1ZW State Name: Kerala, Code: 32 Tax Invoice(Page 2) Party: M.S.BUILDING PRODUCTS SREENIKETHAN.C.P.4/214 PALACHIRA VARKALA 32AATFM5017A1ZN GSTIN/UIN Kerala, Code: 32 State Name Amount HSN/SAC Quantity per Description of Goods 31 (-)0.07Round Off Less ₹ 1,04,773.00 Total F. & O.E Amount Chargeable (in words) INR One Lakh Four Thousand Seven Hundred Seventy Three Only State Tax Central Tax Taxable HSN/SAC Amount 7,751.67 99.00 Rate 9% Amount 7,751.67 Tax Amount Rate Value 86,129.66 15,503.34 7210 7318 99.00 20.21 1,100.00 224.57 9% 40.42 20.21 9% 106.64 13.65 8311 1,184.85 9% 27.30 15,982.34 6804 13.65 151.65 3917 7,991.17 7,991.17 88,790.73 Total INR Fifteen Thousand Nine Hundred Eighty Two and Thirty Four paise Only Tax Amount (in Remarks: NEDUMPARAME J[PH:9746474818] DELIVERY sinvolcos dov. BEENA PI for VGC Declaration the actual price of the goods We declare the are true and correct. described and th This is a Computer Generated Invoice DESPATCHED ON: 16/12/19



No 36528/Funds-2/18/Fin

Finance Fund Department Thiruvananthapuram Dated 19-05-2020

From:

Additional Chief Secretary(Finance) Govt. Secretariat, Thiruvananthapuram.

To:

M S BUILDING PRODUCTS, TVPM,

Sir/Madam,

 $Sub: Contribution\ received\ towards\ Chief\ Minister's\ Distress\ Relief\ Fund\ -\ Receipt\ Forwarding\ -\ Reg.$ 

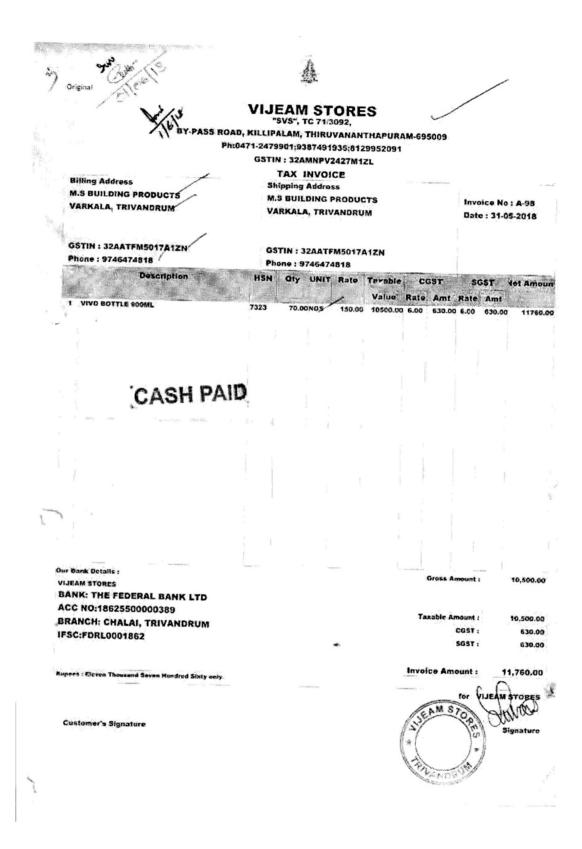
Please find enclosed receipt for your valuable contribution towards Chief Minister's Distress Relief Fund vide your No S76230076 for  $\P$ . 300000 /- (Rupees Three Lakh only)

## Thanking you

Yours faithfully

Additional Chief Secretary(Finance)

Encl Receipt No C3312954 dated 19-05-2020 for ₹. 300000 /-



## ACKNOWLEDGEMENT FOR CONRTRIBUTION TO CMDRF-KERALA

Received with thanks from Shri/Smt. M.S. Building Products Varleda. check/DD No. 240518 dated 20. 09.18 of South Judian Product, Varleda an amount of 50, 400 — (Fethy thousand only)

Final receipt can be generated from the CMDRF portal on realisation of Cheques/
Demand Drafts.

Name

Designation TAMSIL DAR Dept/ Organisation

# THE KERALA CHIEF MINISTER'S DISTRESS RELIEF FUND

B Nº 174151

В		-		/
R	eceived with tha	nks the sum of Rs	50,000/	
	D.D. No:	240519		
by che	que/draft/cash fi	om S.S.	Sacekun	nad
<b>(</b> )	n.s. Bui	lding proc	ducts: va	skala
- ilc	e, Chirayinkee	Mult Minister's Distr	ess Relief Fund.	
Mary Cool	anon towards	The state of the s		90
Thiruy	ananthapuram,		Final Secret	ary & Treasurer, Mef Fund.
·		1.1	Distress	ef Fund.
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Ori /1/2

(ORIGINAL FOR RECIPIENT)

SSE ALL.

Dated 14-Dec-2019

Invoice No. W/2462 Ref. No.

1/12

VGC BEENA PVT LTD

XII/541A1&A2, EVOOR-MUTTOM ROAD,
ERUVA, KAYAMKULAM
ALAPPUZHA
GSTIN/UIN: 32AAGCV4346P1ZW
State Name: Kerala, Code: 32

Tax Invoice

Party: M.S.BUILDING PRODUCTS SREENIKETHAN.C.P.4/214 PALACHIRA

VARKALA
GSTIN/UIN : 32AATFM5017A1ZN
State Name : Kerala, Code : 32

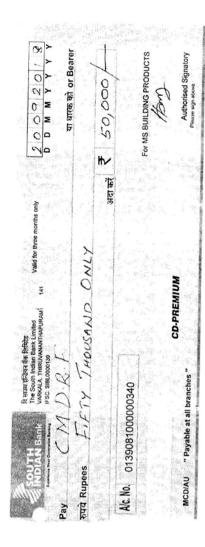
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- 1	INDUSTRIAL TRAPEZOIDAL BPSL MEDIUM (DARKGREY)	7210	504.000 KGS	74.80	KGS	37,699.20
2	INDUSTRIAL TRAPEZOIDAL BPSL .40(DARK GREY)	7210	562.000 KGS	82.33	KGS	46,269.46
3	GI RIDGE 8' GREY	7210	10.000 nos	216.10	nos	2,161.00
4	SELF DRILLING SÇREW 20MM	7318	1,000.000 nos	1.10	nos	1,100.00
5	SUPERON SUPERSIX WELDING RAD 12G	8311	1.000 PKT	224.57	PKT	224.57
6	CUTTING WHEEL 14" BULLET	6804	1.000 nos	125.85	nos	125.85
7	CUTTING WHEEL 4*1MM	6804	100.000 nos	10.59	nos	1,059.00
8	PVC CAP 3*1.5	3917	15.000 nos	3.18	nos	47.70
9	PVC CAP 3*1	3917	35.000 nos	2.97	nos	103.95
						88,790.73
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State Tax Output Central Tax Output 7,991.17 7,991.17

continued ...

This is a Computer Generated Invoice





"240518" 695059252; 000340" 29

Alled for three months only D D M M Y Y Y Y Y Y Y Y Y Y Y Y Y Y Y Y		अदाक्तें ₹ 50,000/-		For MS BUILDING PRODUCTS  Through	Authorised Signatory
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"240519" 695059255; 000340" 29

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M. SF. VA. GS. St.	S. BILDING PRODUCTS REENIKETHAN.C.P.4/214 ALACHIRA ARKALA ARKALA STATIONIN : 32AATFM5017A1ZN ate Name : Kerala, Code : 32 ace of Supply : Kerala	,			c.s	PAIC	,	
SI No.	Description of Goods	HSN/SAC	GST Rate	Quantity	Net Rate	Rate	per	Amount
1 2 3 4	EPOXY PRIMER GREY GEMGUARD 1LTR CLASSIC ENAMEL ROLLER BRUSH RAGHAV BRUSH 50MM EPOXY THINNER GEM 1 LTR	3208 9603 9603 3814	18 % 18 % 18 %	2.000 nos 2.000 nos 1.000 nos 2.000 nos	310.00 64.99 30.00 200.00	262.71 55.08 25.42 169.49	nos nos nos	525.4 110.1 25.4 338.9
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TAR INVOICE Om Vinayaka Agency

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Slace of Supply: Kerala (82) Saverne Crarge . H

Shipped to :

S. P. STELLING PRODUCTS

PALACRINA B.L. CARRADA

STIN TOUR CORRESPONDENT

GETIN . WIN : SZAATEMSCITALEN

. h description of Goods	HSW/SAC	Qty. Unit	Price	Amount (Rs.)
-	Code			
252 271217		32.00Pin.	188.00	4,052.00
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Grand Total 100.00 Pcs. 18,219.

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Declaration

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RM & CONDITION OF SALE pods once sold cannot be taken back,				-	6 6 6	Doon		
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ale:		Don's	200					1
		Designation	n :		1.			

To klhousoever It May Concern.

This is to certify that M.S. Building Products has donated Rs 32,000/- for computerizing the classroom at Got. HSS, Nedumparambu.

I thank him for the kundness eatended.

Principal



AJIHA 5
Headmaine Andron

Date: 18/6/18 Places- Nedumparambu

#### M.REGHU

President

Nagaroor Grama Panchayat Ph: 9946 45 1387, 9496 04 0718

Off: 0470-267 2242

Email: nagaroorgp@gmail.com

Resi: Sobhana Mandiram Kesavapuram, Vellalloor P.O., Kilimanoor Thiruvananthapuram Ph: 0470-267 4978

No. NOR/144/2018

Date: '9. 06.2018

#### സാക്ഷ്യപത്രം

എം.എസ് ബിൽഡിംഗ് പ്രോഡക്ട്സ് എന്ന സ്ഥാപനം പ്രവേശോത്സവം പ്രമാണിച്ച് നഗരൂർ ഗ്രാമപഞ്ചായത്ത് പേരൂർ വടശ്ശേരി യു.പി.എസ്സിൽ പുതുതായി സ്കൂളിൽ എത്തിയ 70 കുട്ടികൾക്ക് സ്റ്റീൽ വാട്ടർ ബോട്ടിൽ വിതരണം ചെയ്ത വിവരം സാക്ഷ്യപ്പെടുത്തുന്നു.



- William

Office of the Nagaroor Grama Panchayat, Chemmarathumukku, Nagaroor P.O., Thiruvananthapuram, Kerala Pin 695 601

# ആൾ കേരള രജിസ്ട്രേഡ് മെറ്റൽ ക്രഷർ 8 ക്വാറി ഓണേഴ്സ് അസോസിയേഷൻ

നെലിക്കുന്ന് യൂണിറ്റ്

പ്രിയപ്പെട്ടവരെ,

അവശദായവരെ സഹായിക്കുകയെന്നുളളത് ഏതൊരു പൗരന്റേയും കടമയാണ്. **ഈ ഉദേശ** ത്തോടു കൂടി നെല്ലിക്കുന്നിലെ ക്രഷർ 6 ക്വാറി ഉടമകൾ ചേർന്ന് ഒരു കല്യാണവും അവശർക്ക് **ധനസഹായവും** ചെയ്യാൻ തീരുമാനിച്ചു.

അചനും അമായും നോക്കാനില്ലാത്ത തേവലക്കാട്, പുലിക്കുഴി വീട്ടിൽ അഞ്ജന എന്ന പെൺകുട്ടിയുടെ വിവാഹം 2018 മാർച്ച് 24 ശനിയാഴ്ച ശിവഗിരിയിൽ വച്ച് നടത്തിക്കൊടു ക്കുവാൻ തീരുമാനിച്ചിരിക്കുന്നു. 10 പവന്റെ സ്വർണ്ണാഭരണവും മറ്റ് ചെലവുകളും ക്രഷർ 8 ക്വാറി ഉടമകൾ വഹിക്കുന്നതും കൂടാതെ ടി വീട്ടിൽ ഈയിടെ ബൈക്ക് അപകടത്തിൽ മരിച്ച **ബിജു** വിന്റെ മൂന്ന് കുഞ്ഞുങ്ങൾക്ക് 50,000 (അൻപതിനായിരം) രൂപവിതം ബാങ്ക് നിക്ഷേപവും, വരയടിക്കുന്നിൽ ഈയിടെ മരണപ്പെട്ട **പുത്തൻവീടിൽ വിമലിന്റെ രോഗിയായ ഭാര്യയ്ക്ക് (50,000)** അൻപതിനായിരം രൂപ ധനസഹായവും ചെയ്യുന്നവിവരം അറിയിക്കുന്നു. 2018 മാർച്ച് 22 വ്യാഴാഴ്ച പകൽ 12.15 നു തേവലക്കാട് എസ്.എൽ.വി. യു.പി.എസ്. ൽ വച്ച് നടക്കുന്ന ഈ പുണ്യകർമ്മങ്ങൾക്ക് സാക്ഷ്യം വഹിക്കുന്നതിന് നല്ലവരായ എല്ലാ നാട്ടുകാരേയും സാദരം ക്ഷണിക്കുന്നു.

അസ്സോസിയേഷനുവേണ്ടി തോട്ടയ്ക്കാട് ശശി

ജില്ലാ പ്രസിഡന്റ്

### കാര്യപര്പ്പാട്ട്

ഈശ്വരപ്രാർത്ഥന

സ്വാഗതം

**ശ്രീമതി. ഷീജ** (ഹെഡ്മിസ്ട്രസ്)

അധ്വക്ഷൻ

തോട്ടയ്ക്കാട് ശശി (അസ്ലോ. ജില്ലാപ്രസിഡന്റ്)

വിവാഹ ധനസഹായ വിതരണം :-

അഡ്വ. ബി. സത്വൻ എം.എൽ.എ.

ശ്രി.സുരേഷ്കുമാർ ധനസഹായ വിതരണം

(കരവാരം, പഞ്ചായത്ത് വൈസ് പ്രസിഡന്റ്)

ശ്രീ. അഭിലാഷ്

(സബ് ഇൻസ്പെക്ടർ ഓഫ് പൊലീസ്, കല്ലമ്പലം)

ശ്രീ. ആർ.ജെ. കരുണാനിധി

(കെ.വി. ബ്ലുമെറ്റൽ)

ശ്രീ. എസ്. ശ്രീകുമാർ

(എം.എസ്. ബിൽഡിംഗ് പ്രൊഡക്ട്)

ശ്രീ. വിഷ്ണുവർദ്ധൻ (PTA പ്രസിഡന്റ്) അനുഗ്രഹ പ്രഭാഷണം

ശ്രീ. മാമലൻ (ശിവമുരുക ഗ്രാനൈറ്റ്)

ശ്രീ. അംബിളി (സുകേശിനി ക്രഷർ യൂണിറ്റ്)

ശ്രീ. എസ്. അജയൻ (എസ്സെൻ ഗ്രാനൈറ്റ്) ക്വതജ്ഞത

