



सत्यमेव जयते



State Level Environment Impact Assessment Authority-Karnataka

(Constituted by MoEF, Government of India, under section 3(3) of E(P) Act, 1986)

No. SEIAA 760 MIN 2015

Date: 28-10-2015

To,

Sri G B Siddesh
S/o G.S.Basavaraju,
3495, Lakshmipura, Behind BSNL,
Arasikere, Hassan

Sir,

Sub: Quarrying of Building Stone at Sy.No.75 (P) of Murundi Village, Arasikere Taluk, Hassan District by Sri G B Siddesh - Issue of Environment Clearance - Reg.

This has reference to your application dated 14th June 2015 and 18th August 2015 addressed to SEIAA, Karnataka on the subject mentioned above. It has been noted that the proposal is for grant of Environmental Clearance under the provisions of EIA Notification, 2006, for quarrying of Building Stone. The total quarry lease area of the project is 1 Acre, which is a Government Gomala Land. Out of 1 Acre of area, 22 Guntas area is for quarrying, 2 Guntas area is for roads and 16 Guntas area is for green belt. Working will be opencast and semi mechanized method. The water requirement for the project is 1 KLD will be met from tankers. During the plan period about 3,591 Tons of waste rock will be handled. The Mines and Geology Department has approved quarrying plan on 15th July 2015. Capital cost of the project is about Rs.136 Lakhs. It is reported that the lease area do not attract General Conditions specified in the EIA notification, 2006 and the amendments made there on.

2. The State Expert Appraisal Committee (SEAC) appraised the project in its meeting held on 4th and 5th September 2015 and recommended for issue of Environmental Clearance. The State Environment Impact Assessment Authority (SEIAA), Karnataka has examined the application in its meeting held on 26th September 2015 in accordance with the EIA Notification 2006 and hereby accords Environmental Clearance under the provisions thereof to the above mentioned Sri G B Siddesh for Quarrying of Building Stone with annual production mentioned in the table below subject to implementation of the following conditions and environmental safeguards:

Year	1 st Year	2 nd Year	3 rd Year	4 th Year	5 th Year	Total
Production in Tons	5,130	16,929	16,159	15,390	14,621	68,229

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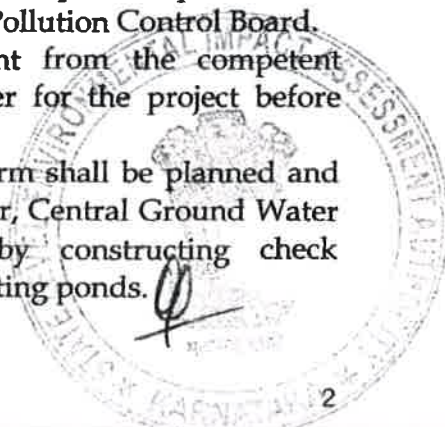
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A. SPECIFIC CONDITIONS:

1. Quarry plan approved by the Department of Mines and Geology shall be strictly implemented and shall not be operated beyond the validity period of the approved quarry plan.
2. Baseline data on health profile of each of the workers shall be maintained.
3. Project Authority should get the health checkup done for the quarry workers on quarterly basis and submit report periodically.
4. The SEIAA, Karnataka reserves the right to withdraw the environmental clearance subject to any change in the quarrying policy by the State Government as may be applicable to this project.
5. This Environmental Clearance is co-terminus with the lease granted vide quarry lease under MM (D & R) Act 1957/KMMC RULES-1994.
6. Quarrying shall be undertaken strictly in accordance with provisions of MM (D&R) Act 1957/ KMMC RULES-1994.
7. All the conditions stipulated in the Consent for establishment issued (If applicable) by the Karnataka State Pollution Control Board should be effectively implemented.
8. The quarrying operations shall not intersect ground water table. Prior approval of the SEIAA / Ministry of Environment & Forests and Central Ground Water Authority shall be obtained for quarrying below water table.
9. The topsoil if any should be stacked at earmarked site only and should not be kept unutilized for a period more than 3 years. The topsoil should be used for reclamation and plantation.
10. Waste rock shall be stacked at earmarked site (s) only. The maximum height of the stack should not exceed 10m duly providing suitable terraces. The overall slope of the dump shall not exceed 27°. A retention wall shall be built around the waste rock dump to prevent sliding.
11. Catch drains and siltation ponds of appropriate size should be constructed to arrest silt and sediment flows from quarry working area and rock dumps. The water so collected should be utilized for watering the haulage area, roads, green belt development etc., the drains should be regularly de-silted particularly after monsoon and maintained properly.
12. Dimension of the retaining wall at the toe of dumps within the quarry to check run-off and siltation should be based on the rainfall data.
13. The Project Authority should implement suitable conservation measures to augment ground water resources in the area in consultation with the Regional Director, Central Ground Water Board within 3 months and report be submitted to the Authority.
14. Appropriate mitigation measures should be taken to prevent pollution of nearby water bodies in consultation with the State Pollution Control Board.
15. The Project Authority shall submit commitment from the competent authority for drawl of requisite quantity of water for the project before starting work on the project.
16. Suitable rainwater harvesting measures on long-term shall be planned and implemented in consultation with Regional Director, Central Ground Water Board for complete rain water harvesting by constructing check dams/converting quarried pits to rain water harvesting ponds.





2. permission for surface operations in a land not already in use:

Before using for surface operations any land which has not already been used for such operations the lessee/licensee shall give to the Competent Authority, sixty days previous notice in writing specifying the name or other designation of the situation and the extent of the land proposed to be so used and the purpose for which the same is required and the said land shall not be used if objection is issued by the competent authority within one month after the receipt by him of such notice unless the objections so stated shall on references to the State Government be annulled or waived.

3. To cut trees in the unreserved lands.

(a) The lessee/licensee shall not cut or injure any tree in the leased/licenced areas without the previous sanction in writing of the Competent Authority.

(b) Notwithstanding anything contained in sub-clause (a) the lessee/ licensee shall not cut or injure any tree in leased/ licensed area falling within reserved/protected forest without the previous permission in writing from the Forest Department or the Office authorised by the Forest Department in this behalf.

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4. Permission for surface operations in a land not already in use:

Save as provided in clause 9 part II of this schedule, the lessees/licensees shall not without the previous sanction from the Forest Department cut down or injure any timber or trees on the said but, may, without such sanction clear away any brush-wood or undergrowth which interferes with any operations authorised by these presents and notwithstanding anything contained in this shedule shall not enter upon any reserved forest included in the said lands without seven days previous notice in writing to the Forest Department or the officer authorised by the Forest Department.

5. No mining operations within 50 meters of public works etc.

The lessee/licensee shall not work or carry on allow to be worked or carried on any quarrying operations at or to any point within a distance of 50 meters if no blasting is involved from the boundary of any railway line except with the previous written permission of the Railway administrative concerned or from the boundaries or reservoir canal, hightention electric line or other public works. or buildings or inhabited site except with the previous permission of Government or any other officer authorised by the Government in this behalf and otherwise than in accordance with such instructions, restrictions and conditions and either general or special which may be attached to such permission. The said distances of 50 metres or 200 metres shall be measured in the case of railway Reservior or canal horizontally from the outer to of the bank of the outer edge of the cutting as the case may be and of building horizontally from the plinth therof.

G. B. D

[Signature]
Senior Geologist
Dept. of Mines & Geology
Minerals, Hassan

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17. Vehicular emissions should be kept under control and regularly monitored. Measures shall be taken for maintenance of vehicles used in quarrying operations and in transportation of blocks.
18. Digital processing of the entire lease area using remote sensing technique should be done regularly once in three years for monitoring land use pattern and report submitted to SEIAA Karnataka, Department of Environment and Ecology, Govt. of Karnataka and the APCCF, Regional Office, MoEF, Bangalore.
19. This Environmental Clearance does not confer any right to the proponent on the land proposed for quarrying until and unless quarry lease and all other statutory clearance are obtained from the respective department/agencies.
20. The project authorities should undertake sample survey to generate data on pre-project community health status within a radius of 1 km from proposed quarry.
21. Consent to operate if applicable shall be obtained from State Pollution Control Board prior to start of production from the quarry.
22. Proper sanitary facilities should be installed for the colony/work place. Domestic waste generated should be disposed in a scientific manner. Proper first aid facilities and health care facilities should be provided for the labourers.
23. The Project Authority shall take all precautionary measures during quarrying operation for conservation and protection of endangered fauna spotted in the study area. Action plan for conservation of flora and fauna shall be prepared and implemented in consultation with the State Forest and Wildlife Department. The proponent shall contribute towards the cost of implementation of the plan and / or Regional Wildlife Management Plan for conservation of wild life. The amount so contributed shall be included in the project cost. A copy of the action plan may be submitted to the SEIAA, Department of Environment and Ecology, Govt. of Karnataka, the Regional Director (Environment), Department of Environment and Ecology, Government of Karnataka, Mangalore and the APCCF, Regional Office, MoEF, Bangalore within 3 months.
24. The Project Authority shall delineate Quarry Closure Plan/ exit protocol to rehabilitate the quarried out land to match its surrounding land use including removal, storage and reuse of waste rock from quarry area to cover reclaimed area. Post Quarry Land Use Plan with rehabilitation of quarried out area (with Plan and Section) provided and submit to SEIAA.
25. Plantation monitoring programme during post project period for ensuring survival and growth rate of plantation in reclaimed area.
26. A Final Quarry Closure Plan along with details of Corpus Fund should be submitted to the SEIAA Karnataka, Department of Environment and Ecology, Govt. of Karnataka and the APCCF, Regional Office, MoEF, Bangalore 5 years in advance of final quarry closure for approval.
27. Retention walls should be a minimum of 2.5 mtr height with base of 3 mtr.
28. Check dams and gully plugs along the smaller streamlets in the area, should be constructed to arrest the loose soil flow from the quarry area.
29. Particulars of dimensioned block production and dispatch shall be provided by the quarry owner yearly.

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30. The infrastructure of transport roads should be improved collectively by the quarry owners of the area.
31. Link road from quarry site to main road shall be maintained and black topped by the Project Authority.
32. The quarry lease area to be properly demarcated using the lat-long coordinates.
33. No quarrying shall be undertaken outside the lease area.
34. The Project Authorities shall maintain a margin of 7.5 meters along the lease boundary.
35. The Project Authorities shall also earmark at least 5 % of the total turnover of the project towards the corporate social responsibility and item-wise details along with time bound action plan shall be prepared and submitted to the Authority.
36. The project authority shall ensure that the quarry pits are well protected erecting a compound wall of stone masonry of appropriate height conforming to safety norms.
37. The Project Authority shall avoid stagnation of water in the quarry pits which would turn out to be mosquito breeding centers resulting in spreading of diseases such as malaria, dengue, etc.
38. Haulage approach road should not be through village till the main road is reached.
39. The project authorities shall get the annual health checkup of quarry workers as well as people in the nearest vicinity of the quarry for respiratory diseases such as silicosis and maintain records. Appropriate care shall be taken for remedy in case of prevalence of such health disorders.

B. GENERAL CONDITIONS:

1. No change in quarrying technology and scope of working should be made without prior approval of the SEIAA Karnataka.
2. No change in the calendar plan including excavation, quantum of mineral and waste should be made.
3. It shall be ensured that the Ambient Air Quality parameters conform to the norms prescribed by the MoEF, Govt. of India, New Delhi.
4. Data on ambient air quality (PM10, PM 2.5, SO₂, NO_x) should be regularly submitted to the SEIAA Karnataka, Department of Environment and Ecology, Govt. of Karnataka, the Regional Director (Environment), Department of Environment and Ecology, Government of Karnataka, Mangalore and the APCCF, Regional Office, MoEF, Bangalore and the State Pollution Control Board / Central Pollution Control Board once in six months.
5. Fugitive dust emission from all the sources should be controlled regularly. Water spray arrangement on haul roads, loading and unloading and at transfer points should be provided and properly maintained.
6. Measures should be taken for control of noise levels below 85 dBA in the work environment. Workers engaged in operations of HEMM, etc should be provided with earplugs / muffs.
7. Waste water from the quarry should be properly collected, treated so as to conform to the standards prescribed under GSR 422 (E) dated 19th may 1993 and 31st December, 1993 or as amended from time to time. Oil and grease trap shall be installed before discharge of effluents.

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8. Personnel working in dusty areas should wear protective respiratory devices and they should also be provided with adequate training and information on safety and health aspects.
Occupational health surveillance program of the workers should be undertaken periodically i.e. once in 3 months to observe any contractions due to exposure to dust and take corrective measures, if needed. Quarterly report in this regard should be submitted to the Department of Environment and Ecology, Govt. of Karnataka and the Karnataka State Pollution Control Board and the Regional Office, MoEF, Bangalore.
9. A separate environmental management cell with suitable qualified personnel shall be set-up under the control of a Senior Executive, who will report directly to the Head of the organization. The Environment management committee should be constituted with one of the member representing nearby village.
10. The funds earmarked for environmental protection measures should be kept in separate account and should not be diverted for other purpose. Year wise expenditure should be reported to the SEIAA Karnataka, the Department of Environment and Ecology, Govt. of Karnataka, the Regional Director (Environment), Department of Environment and Ecology, Government of Karnataka, Mangalore and the APCCF, Regional Office, MoEF, Bangalore.
11. The Project Authorities should inform the SEIAA Karnataka, Department of Environment and Ecology, Govt. of Karnataka, the Regional Director (Environment), Department of Environment and Ecology, Government of Karnataka, Mangalore and the APCCF, Regional Office, MoEF, Bangalore regarding date of financial closures and final approval of the project by the concerned authorities and the date of start of land development work.
12. The APCCF, Regional Office of MoEF, Bangalore; the Department of Environment and Ecology, Govt. of Karnataka, the Regional Director (Environment), Department of Environment and Ecology, Government of Karnataka, Mangalore and the Karnataka State Pollution Control Board shall monitor compliance of the stipulated conditions. The Project Authorities should extend full co-operation to the Officer (S) of these offices by furnishing the requisite data / information / monitoring reports.
13. The Project Authority shall submit six monthly report on the status of the implementation of the stipulated environmental safeguards to the SEIAA Karnataka, Department of Environment and Ecology, Government of Karnataka, the Regional Director (Environment), Department of Environment and Ecology, Government of Karnataka, Mangalore and the APCCF, Regional Office, MoEF, Bangalore; the Central Pollution Control Board and the Karnataka State Pollution Control Board.
14. A copy of the clearance letter will be marked to the concerned Panchayat. Local NGO, if any, from whom suggestion / representation has been received while processing the proposal.
15. The Project Authority should display the conditions prominently at the entrance of the project on a big panel board for the information of the public.
16. The Karnataka State Pollution Control Board should display a copy of the clearance letter at the Regional office, District Industry Centre and Collector's office/ Tehsildar's office for 30 days.

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17. The Project Authorities should advertise at least in two local newspapers widely circulated, one of which shall be in the vernacular language of the locality concerned, within 7 days of the issue of the clearance letter informing that the project has been accorded Environmental Clearance and a copy of the clearance letter is available with the State Pollution Control Board and also at website of the Authority at <http://www.seiaa.kar.nic.in> or <http://seiaa.karnataka.gov.in> and a copy of the same should be forwarded to the Department of Environment and Ecology, Government of Karnataka, the Regional Director (Environment), Department of Environment and Ecology, Government of Karnataka, Mangalore and the APCCF, Regional Office, MoEF, Bangalore.
18. Concealing 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 Environmental (Protection) Act, 1986.
19. Any appeal against this Environmental 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.
20. The SEIAA or any other competent authority may alter/modify the above conditions or stipulate any further condition in the interest of environment protection.
21. 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.
22. The above conditions will be enforced inter-alia, under the provisions of the Water (Prevention & Control of Pollution) Act, 1974, the Air (Prevention & Control of Pollution) Act, 1981, the Environment (Protection) Act, 1986 and the Public Liability Insurance Act, 1991 along with their amendments and rules made there under.

Yours faithfully,


(RAMACHANDRA) 28/10/15

Member Secretary
SEIAA, Karnataka.

Copy to:

1. The Secretary, Ministry of Environment, Forests and Climate Change, Indira Paryavaran Bhavan, Jor Bagh Road, Aliganj, New Delhi- 110 003.
2. The Director, Department of Mines and Geology, Khanija Bhavan, Race course road, Bangalore - 560 001.
3. The Member Secretary, Karnataka State Pollution Control Board, Bangalore.
4. The APCCF, Regional Office, Ministry of Environment & Forests (SZ), Kendriya Sadan, IVth Floor, E & F Wings, 17th Main Road, Koramangala II Block, Bangalore - 560 034.
5. Regional Director (Environment) Department of Environment and Ecology, Government of Karnataka, 1st Floor, Corporation Commercial Complex, Dakshina Kannada, Mangalore.
6. Guard File.