

**MINUTES OF THE 108th MEETING OF SEAC, KERALA, HELD ON
13th & 14th JANUARY, 2020 AT THE CONFERENCE HALL,
STATE ENVIRONMENT IMPACT ASSESSMENT AUTHORITY,
THIRUVANANTHAPURAM**

DAY 1- 13-01-2020

The meeting started at 10.00 AM. The Chairman welcomed the members. The Committee then moved on to the deliberations on the agenda items.

Item No.108.01 **Minutes of the 107th SEAC meeting held on 24th December, 2019**

Noted

Item No. 108.02 **Minutes of the 100th SEIAA meeting held on 23rd & 24th December, 2019**

Noted

**Item 108.03 Application for Environmental Clearance for building stonequarry in
Re-Survey No.234/1,234/2 & 234/5 in Muppayinad Village,
Vythiri Taluk, Wayanad District. (File No. 1291/EC2/2019/SEIAA)**

Decision: The Committee decided to recommend for issuance of EC subject to the specific condition that the proponent shall submit to SEIAA a certificate from the Village Officer to the effect that no natural calamity has taken place in the location during 2018 & 2019.

Mir Mohammed Ali, I.A.S
Secretary

Dr.C.Bhaskaran
Chairman

Item 108.04 Application for Environmental Clearance for granite building stone quarry in Block No.20, Re Survey No184, 184/2 in Vallichira village, Meenachil Taluk, Kottayam District.(File. No 1334 /EC2 /2019/SEIAA)

Decision:The Committee entrusted Shri.K. Krishna Panicker and Smt.BeenaGovindan for field inspection.

Item No.108.05 **Terms of reference (ToR) for the proposed Building stone Quarry project in Re.Survey No.1472/3(P) in Thekkumkara Village, Thalappilly Taluk, Thrissur District, Kerala State by Mr.K.J.Baiju (File No.1350/EC2/2019/SEIAA)**

Decision:The Committee directed the proponent to submit a certificate from the Wildlife Warden/ DFO showing the distance of the proposed quarry site from the nearest forest boundary.

Item 108.06 Application for Environmental Clearance for granite building stone quarry in Survey No179/3-3,179/3-4,221/1,221/6,221/6-1 in Manimala village, Kanjirapally Taluk, Kottayam District (File.No 2430/EC2 /2019/SEIAA)

Decision:The Committee directed the proponent to submit the following documents/details:

1. Location of Overburden dump site outside the mining area.
2. Drainage map indicating garland drain outside the buffer zone and its connectivity to the nearest natural drain.

Mir Mohammed Ali, I.A.S
Secretary

Dr.C.Bhaskaran
Chairman

Item No.108.07

Environmental Clearance for the proposed Building stone quarry project in Re Survey No. 47/1-1, 47/1-2 in Purakkady Village, Sulthan Bathery Taluk, Wayanad District, Kerala by Mr.Sudheesh A.T, Proprietor, (File No. 1294/EC1/2019/SEIAA)

Decision:The Committee decided to recommend issuance of EC subject to the following specific conditions:

1. Since the first bench of the quarry is located in the mid slope with over burden, the upper slope of the quarry should be stabilized with a toe wall prior to commencement of quarrying. The toe wall could be strengthened with bamboo and other plants.
2. Since the last bench elevation is lower than the nearby stream, the last bench should be avoided.
3. OB dumping site should be protected appropriately with gabion walls
4. Ensure continuous maintenance and upkeep of garland canal by engaging at least a couple of labourers. Appropriate register should be maintained to prove the continuous maintenance of garland canal by engaging labourers.
5. As agreed by the proponent, the 3.5 acres of his land outside lease area should be planted with trees of local species as compensation.

Item No.108.08

Environmental Clearance (EC) for the proposed Granite Building stone Quarry project in Survey No.911 & 912 in Thekkumkara Village, Thalappilly Taluk, Thrissur District, Kerala State. by Mr.K.J.Baiju (File No.1339/EC2/2019/SEIAA)

Decision:The Committee directed the proponent to submit the following documents/details:

1. Drainage Map showing garland canal with silt traps
2. Indicate the connectivity of the garland drain to natural drain for facilitating outflow in the drainage map.

Mir Mohammed Ali, I.A.S
Secretary

Dr.C.Bhaskaran
Chairman

Item 108. 09 Application for Terms of Reference for Building stone quarry project in Survey No158/1,158/2,158/3,159 in Venganellor village, Thalappily Taluk, Thrissur District . (File No.1397/EC.2/2019/SEIAA)

Decision:The Committee directed the proponent to submit a certificate from the Wildlife Warden/ DFO showing the distance of the proposed quarry site from the nearest forest boundary.

Item No.108.10 Application for environmental clearance for mining of Ordinary earth- in Sy.No.353/8, 353/9 at Arakkapadi Village, Kunnathunadu Taluk, Ernakulam District, Kerala by Sri.P.A.Sainudeen (File No. 933/A2/2019/SEIAA)

Decision: The Committee entrusted Dr.A.V.Raghu and Dr. N.Ajith Kumar for field inspection and also decided to hear the petitioner during the time of field inspection.

Item No.108.11 Application for environmental clearance for mining of Laterite stone in Re.survey.No.384/1, Block No.13 of Muthuvalloor Village, Kondotty Taluk, Malappuram District, Kerala by Sri.Sidheeq.T.P., Malappuram (File No. 1345/A2/2019/SEIAA)

Decision: The Committee entrusted Dr.A.V.Raghu and Shri.K. Krishna Panicker for field inspection

Mir Mohammed Ali, I.A.S
Secretary

Dr.C.Bhaskaran
Chairman

ItemNo.108.12

Application for environmental clearance for mining of Ordinary earth in Sy.No.364/3, 364/7, 364/6, 364/5-2, 364/4, 364/2, 364/11, 364/10, 364/4-2 at Kizhakkekallada Village,Kollam Taluk,Kollam Districtby Sri.JohnsonYohannan[File No.2756/EC4/2019/SEIAA]

Decision:The Committee entrusted Shri.V.N.Jithendran and Smt.BeenaGovindanfor field inspection.

ItemNo.108.13

Application for environmental clearance for mining of Laterite Stone in Survey No.535/1 at ThayannoorVillage,VellarikkunduTaluk,Kasaragod District, Kerala by Sri.M.K.Jiji [File No.2828/EC4/2019/SEIAA]

Decision:The Committee decided to recommend for issuance of EC subject to the specific condition that the proponent should submit to SEIAA the consent letters from the landowners in the immediate adjacent areas of the proposed quarry.

Item No.108.14

Application for ToR for the proposed Building stone quarry in Re.Sy.No. 85/2, 86/1, 86/2 of Keralasseri Village, Palakkad Taluk, Palakkad District by Dr.Abraham Sebastian, Proprietor, M/s Nayampadam Granites (File No. 1406/EC2/2019/SEIAA)

Decision:The Committee decided to accept the field inspection report and the proponent is directed to submit the following details / clarifications:

1. The revised drainage plan indicating locations of more number of siltation ponds.
2. Considering that the approach roads are narrow and there are settlements very close to the roads, conduct a viability survey and submit a viability report on the introduction of one way traffic on Pathirippala –Kongod road on the Northeastern side and exit of vehicles on Thadukkassery road on southern side of the permit area to avoid disturbance to the public.
3. CSR/CER plan should bereworked and submitted with year- wise programmes in consultation with the LSG which should include monitorable components.

Mir Mohammed Ali, I.A.S
Secretary

Dr.C.Bhaskaran
Chairman

Item No.108.15 Environmental clearance for the Proposed Mining of heavy mineral sand in Chavara (Block-19) ResurveyNos. 29, 30, 31, 32, 33, 38, 39, 46,47,48,53,56,57,63,64,65,66,67,68,70,71,72,73,74,75,76,77,78,79,80,81,82,86,87,88,89,90,91,92,93,94,97,120,121,122,123,124,125,126,127,129,147,148,149,151,152,153,154,NeendakaraReSurvey No.(Block22) 18, 19, 20, 21, 22, 23, 24, 25, 26,27,28 at Neendakara and Chavara village, KarunagappallyTaluk, Kollam District,by M/s Indian Rare Earth Ltd.(File No. 931/A1/2019/SEIAA)

Decision: The field inspection report was approved and the proponent is directed to submit the following details / clarifications:

If the EC is sought for mining in 67 Ha area and the individual lease area is ≥ 50 ha in the cluster of mine leases, the project may be considered as Category A Project. If not, the following details should be submitted:

1. As per EIA Notification of 14.9.2006, all toxic and heavy metal producing units of capacity <20,000 TPA can only be considered as Category B Project. It should be clarified whether MSP is a part of mining process or metal production process.
2. Generate post mining landuse-land cover scenario making use of temporal data on landuse-land cover from topo-sheets and satellite imageries and prediction on the impact on shore line and adjacent terrain.
3. Specific proposals for improving the ecological environment of the area, particularly in and around Station 2.
4. A statement as to how many rainwater recharge wells will be installed for the upkeep of the quality and quantity of the groundwater resource in and around the mining area.
5. A statement as to how many infiltration galleries will be established for extraction of groundwater from the proposed area and also as to how the groundwater extraction from the infiltration gallery will be regulated.
6. Sort out the ambiguity on the impact on socio-economic aspects, particularly on employment, income and infrastructure. Also provide clarity on the willingness to let the land for mining as per the Socio-economic survey.
7. A statement as to how the proponent is proposing to resolve the issue of time delay in implementing the R& R Plan.

Mir Mohammed Ali, I.A.S
Secretary

Dr.C.Bhaskaran
Chairman

8. A statement as to how the proponent plans to adopt pumping of mined material to the MSP so as to overcome the transportation related adverse impacts.
9. Copy of the clearance from CZMA
10. Detailed measures along with cost commitment for canal protection
11. Compliance status of AERB clearance conditions and
12. Detailed measures for mangrove protection
13. There are two applications for EC of adjacent areas and the impacted area is almost same. Furnish a clarification as to why these two applications are not combined.

Item No.108.16 Environmental clearance for the Proposed Mining of heavy mineral sand in Neendakara (Block-22) Re survey Nos. 1 to 3, 21/1 to 21/6, 21/12, 22/1 to 22/6, 23/1 to 23/3, 24/1 to 24/6, 46 to 52, 92 to 101 and the sea purampoke bounding west of Neendakara village, Block-22 containing an area of 55.53 Acres, Chavara (Block 19): Re survey Nos. 25, 26 to 29, 33 to 37, 40 to 46, 49 to 52, 54 to 56 at Thekkumbhagam (Neendakara) and Chavara village, Karunagappally Taluk, Kollam District, by M/s Indian Rare Earth Ltd. (File No. 932/A1/2019/SEIAA)

Decision: The field inspection report was approved and the proponent is directed to submit the following details / clarifications:

If the EC is sought for mining in 62.204 Ha area and the individual lease area is ≥ 50 ha in the cluster of mine leases, the project may be considered as Category A Project. If not, the following details should be submitted:

1. As per EIA Notification of 14.9.2006, all toxic and heavy metal producing units of capacity $< 20,000$ TPA can only be considered as Category B Project. It should be clarified whether MSP is a part of mining process or metal production process.
2. Generate post mining land use-land cover scenario making use of temporal data on land use-land cover from topo-sheets and satellite imageries and prediction on the impact on shore line and adjacent terrain.

Mir Mohammed Ali, I.A.S
Secretary

Dr.C.Bhaskaran
Chairman

3. Specific recommendations for improving the ecological environment of the area, particularly in and around Station 2.
4. A statement as to how many rainwater recharge wells will be installed for the upkeep of the quality and quantity of the groundwater resource in and around the mining area.
5. A statement as to how many infiltration galleries will be established for extraction of groundwater from the proposed area and also as to how the groundwater extraction from the infiltration gallery will be regulated.
6. Sort out the ambiguity on the impact on socio-economic aspects, particularly on employment, income and infrastructure. Also provide clarity on the willingness to let the land for mining as per the Socio-economic survey.
7. A statement as to how the proponent is proposing to resolve the issue of time delay in implementing the R& R Plan.
8. A statement as to how the proponent plans to adopt pumping of mined material to the MSP so as to overcome the transportation related adverse impacts.
9. Copy of the clearance from CZMA
10. Detailed measures along with cost commitment for canal protection
 11. Compliance status of AERB clearance conditions and
 12. Detailed measures for mangrove protection

Mir Mohammed Ali, I.A.S
Secretary

Dr.C.Bhaskaran
Chairman

Item No. 108.17 **Environmental clearance for the Development of Govt. Medical College cum Hospital in Sy.No.643 at Iravan Village, Kodencherry Taluk, Pathanamthitta District, Kerala by The Principal Incharge, Konni Medical College (File No. 810.A/SEIAA/EC4/2373/2015)**

Decision: The Committee entrusted Dr.C.Bhaskaran, Dr.R.Ajayakumar Varma, Shri.K. Krishna Panicker, Dr. P.S.Easa and Shri.M.Dileep Kumar for field inspection.

Item No.108.18 **Environmental clearance for the proposed granite building stone quarry project in Survey No. 729/Ptin Vagamon Village, Peermade Taluk, Idukki District, Kerala by Shri.Anish Abraham (File No. 1204/EC2/2018/SEIAA)**

Decision: The Committee decided to recommend for issuance of EC after the proponent is getting the clearance from the National Board for Wildlife. In the meanwhile, the proponent is directed to submit to SEIAA a print out of his application to NBWL.

Item No.108.19 **Environmental clearance for the proposed quarry project in Survey No. 149/1A1A1 in Anakkara Village, Pattambi Taluk, Palakkad District, Kerala by Mr. Mohanan.V., Managing Partner, M/s Kumbidi Granites (File No. 1268/EC2/2019/SEIAA)**

Decision: The Committee directed the proponent to furnish the consent letters from the other two house owners adjacent to the approach road to the proposed quarry.

Item No.108.20 **Application for ToR for the proposed building stone quarry project in Survey No: 269/1, 269/1-1, 269/3, 269/4, 269/5, 269/5-1, 269/6, 269/8, 269/8-1, 269/17-1, 269/17-2, 270/6, 270/7-1, 270/8-1, 270/8-2, 270/9, 270/10, 270/11-1, 270/11-2, 272/11, 272/12, 272/13, 272/21, 272/14-1, 273/1-2 in Pallichal Village, Neyyattinkara Taluk, Thiruvananthapuram District, Kerala by Mr. Chandrababu G, Managing Partner of M/s Sreedhanya Metals (File No. 1393/EC2/2019/SEIAA)**

Decision: The Committee approved the ToR with additional terms to study the hydro geological and slope stability aspects of the project area.

Mir Mohammed Ali, I.A.S
Secretary

Dr.C.Bhaskaran
Chairman

Item No.108.21 Environmental Clearance for the proposed granite building stone quarry in Block No. 29, Re-survey No. 120/10 in Manickal Village, Nedumangad Taluk, Thiruvananthapuram District by M/s Adani Vizhinjam Port Pvt. Ltd (file No. 1416/EC1/2019/SEIAA)

Decision: The Committee decided to recommend issuance of EC for ten years or completion of the construction of breakwater of Vizhinjam Port whichever is earlier and the other conditions laid down in the NOC No. 137/127325/18 dated 13.07.2018 of District Collector, Thiruvananthapuram

Item No.108.22 Application for Environmental Clearance for the proposed granite building stone quarry project in Survey No. 368/1-2, 368/1-3, 368/2 & 369/1-1 (Block No. 24) of Vellilappally Village, Meenachil Taluk, Kottayam District, Kerala by Mr. Augustine Michael, Managing Partner, M/S Michael Granites. (File No. 1277/EC2/2019/SEIAA)

Decision: The Committee decided to obtain legal opinion from the Law Officer, SEIAA regarding the present status and implication of the permanent prohibitory injunction of Hon. Munsiff Court, Pala in this regard.

Item 108.23 Application for Environmental Clearance for Granite building stone Quarry in Re Survey No 242/3, 242/4 of Uzhavoor & 245/2, 245/3 of Monipally Villages in Meenachil Taluk, Kottayam District (File No. 1307/EC2/2019/SEIAA)

Decision: As per the mining plan, the lowest bench is 70 m above MSL and the highest water level is 108 m above MSL. Hence, the present mining plan has to be revised so that the lowest bench is above the highest water level in the area.

Mir Mohammed Ali, I.A.S
Secretary

Dr.C.Bhaskaran
Chairman

Item 108.24 Application for Environmental Clearance for Granite building stone Quarry in Block No.03, Re Sy.No. 191/1,191/1-1,191/2 in Edakkunnam village, Kanjirapally Taluk, Kottayam District – (File No.2433/EC2/2019/SEIAA)

Decision: The Committee directed the proponent to submit the following documents/details:

1. Revise the project cost considering the actual land value, cost of machinery and infrastructure and administrative cost and other cost components as appropriate.
2. Revise CER considering the revised project cost, implementable action plans for the adjacent areas, monitorable targets etc. As per the Govt. of India notification, not less than 2% of the project cost should be earmarked for CER.

Item 108.25 Application for Environmental Clearance of Granite Building Stone quarry in Block No.57 Survey No-149/1 of Moonilavu Village, Meenachil Taluk, Kottayam District, Kerala for an area of 0.4478 hectares. (File No-2445/EC2/2019/SEIAA)

Decision: The Committee decided to invite the proponent for presentation along with revised project cost and CER plan.

Item No.108.26 Environmental clearance for the proposed Building stone quarry project in, Survey No.1006 in Painkulam Village, Thalappilly Taluk, Thrissur District, Kerala by Mr. Abdu Rahman, Proprietor, (File No. 1241/EC2/2019/SEIAA)

Decision: The Committee decided to recommend issuance of EC subject to the following specific conditions:

1. Appropriately larger and deep silt traps should be made to collect the silt along with arrangements for periodic maintenance.
2. The vegetation in the buffer should be retained and maintained in addition to the suggested planting of trees.

Mir Mohammed Ali, I.A.S
Secretary

Dr.C.Bhaskaran
Chairman

Item No.108.27

Application for the Extension of validity of Environment Clearance of Granite Building Stone quarry project in Survey No. 149, 186, Kodyathoor Village, Kozhikode Taluk, Kozhikode District, Kerala by M/s Power StoneProducts (File No. 242/SEIAA/KI/972/2014)

Decision: The Committee decided to recommend issuance of extension of validity of EC subject to the following specific conditions:

1. CER for 2019-2024 should be modified with year wise breakup and monitorable targets.
2. Consent letters from respective beneficiaries must be filed before the SEIAA.
3. The existing vegetation in the buffer should be maintained. Year wise Scheme for plantation must be followed.
4. Site for temporary storage of Over Burden should be separately demarcated.

Item No.108.28

Application for ToR for the proposed Granite Building Stone quarry project in Survey No. 355/Pt of Pulpatta Village, Eranad Taluk, Malappuram District, Kerala over an area of 0.9042 Ha. by Sri. Saithalavi.C (File No. 1336/EC2/2019/SEIAA)

Decision: The Committee entrusted Dr.A.V.Raghu and Shri.K. Krishna Panicker for field inspection.

Item No.108.29

Application for ToR for the proposed Granite Building Stone quarry project in Survey No.Re.Sy.No.172 in Kodyathur Village, Kozhikode Taluk, Kozhikode District, Kerala State by Mr.P.M.Aboobacker (File No. 1362/EC2/2019/SEIAA)

Decision: The Committee decided to invite the proponent for presentation along with details of cases pending before the Hon'ble High Court in this regard, if any.

Mir Mohammed Ali, I.A.S
Secretary

Dr.C.Bhaskaran
Chairman

Item No.108.30

Terms of Reference (ToR) for the proposed Building stone Quarry project in Survey No. 305/1, 305/3, 305/4, 305/5, 306/1, 307/1, 314 & 315/1 (BlockNo.132) of KayakodiVillage, VadakaraTaluk, Kozhikode District, Kerala State.by Mr. Saifudheen Abdul Rahiman(File No.1337/EC12019/SEIAA)

Decision: As per the Hazard Zonation map, half of the project area falls within Hazard Zone. So, the Committee recommended rejection of the proposal.

Item No.108.31

Environmental clearance for the proposed Granite Building stone Quarry project in Survey No. 78/2, 79/1 inMeppayurVillage, QuilandyTaluk, Kozhikode District,Kerala Stateby Mr. T. Haridasan(File No. 1270/EC1/SEIAA/2019)

Decision:The Committee decided to invite the proponent for presentation along with the filled in details in Form-1 M.

Item No.108.32

Application for environmental clearance for mining of laterite stone in Sy.No.23/2 at UlliyeriVillage,KoyilandyTaluk,Kozhikode District by Smt.Subhaprabha[File No.690/A1/2019/SEIAA]

Decision:The Committee decided to recommend issuance of EC subject to the General Conditions

ItemNo.108.33

Application for environmental clearance for mining of Laterite Stone in Sy.No.50/2 at KoottilangadiVillage,PerinthalmannaTaluk,Malappuram District by Sri.AbdulRasheed.C[File No.1075/A2/2019/SEIAA]

Decision:The Committee decided to recommend issuance of EC subject to the following specific conditions:

1. Depth of mining should be limited to less than 4 m
2. Quantity to be mined should not exceed 35,500 metric tonnes

Mir Mohammed Ali, I.A.S
Secretary

Dr.C.Bhaskaran
Chairman

Item No.108.34 **Application for Environmental Clearance for mining of laterite stone in Re Sy.No.77/1 at Kizhariyoor village, Koyilandy Taluk, Kozhikode District by Sri.Shaji P.C (File No.1109/A2/2019/SEIAA)**

Decision: The Committee decided to recommend issuance of EC subject to the condition that the measures mentioned in the slope stabilization studies and drainage facility are implemented properly.

Item No.108.35 **Application for environmental clearance for mining of Laterite Stone in Sy.No.101/1Apt at Beemanady Village, Vellarikundu Taluk, and Kasaragod District by - Sri. John P.P [File No.1234/A1/2019/SEIAA]**

Decision: The Committee decided to recommend for issuance of EC subject to the following specific conditions:

1. Since the mining depth is 4m, 2m X 2m benches should be provided to prevent any collapse of side walls during quarrying
2. Appropriate fencing should be provided around the quarrying area
3. Overburden and waste earth should be stacked at a designated place with proper protection walls.
4. Mine closure plan should be implemented as proposed.
5. Boundary pillars with lat/long inscribed on it should be installed
6. Access road should be made wide enough for transportation

Item No.108.36 **Application for environmental clearance for mining of laterite stone in Un Survey.No.388/9 at Koorachundu Village, Koyilandy Taluk, Kozhikode District, Kerala by Sri.Ibrahim.C [File No.2202/EC2/2019/SEIAA]**

Decision: The Committee decided to recommend issuance of EC for mining a maximum of 14605.5 MT

Mir Mohammed Ali, I.A.S
Secretary

Dr.C.Bhaskaran
Chairman

Item No. 108.37 **Environmental Clearance for the Proposed Residential Project Construction – “ VKL Garden”in Sy.No.415/21 at ChellanmangalamUliyazhathura, Kariyam villages, Thiruvananthapuram Taluk&Thiruvananthapuram District, Kerala of Mr. Shaji.K.Mathew, Director, M/s K V Apartments Pvt. Ltd. (File No. 1190/A2/2018/SEIAA)**

Decision:The SEAC has appraised the project for Environmental Clearance as per the application filed on 13.02.2019.Accordingly, it was found violating the environmental rules.Hence, as per the circular F.No.22.10/2019-IA.III dated 09.09.2019, the project will have to be subjected to violation procedure.

Item No.108.38**Application for Environmental Clearance for mining of laterite stone In Sy.No.77/1 at Keezhariyoor Village,Koyilandi Taluk,Kozhikode District By Sri.Valsan[File No.694/A1/2019/SEIAA]**

Decision: The Committee decided to recommend issuance of EC with specific condition that the measures mentioned in the slope stabilization report and the drainage plan will be implemented without fail.

Item No.108.39 **Application for Environmental Clearance for mining of Laterite stone in Sy.No.26/11 at Mavoor village, Kozhikode Taluk, Kozhikode District by Smt.Usha,C (File No. 1794/A1/2019/SEIAA)**

Decision: The Committee decided to recommend issuance of EC subject to a maximum quantity of 500 m³.

Item No: 108.40 **Application for extension of Environmental Clearance issued for Granite building stone quarry project of M/s Chengalathu quarry Industries by Shri.Thomas Mathai (77/SEIA/KL/172/2013)**

Decision:Noted

Mir Mohammed Ali, I.A.S
Secretary

Dr.C.Bhaskaran
Chairman

List of members present in the Meeting on 13.01.2020

- | | |
|------------------------|-----------------------------|
| 1. Dr.N.Ajith Kumar | 6. Dr. A.V.Raghu |
| 2. Smt.BeenaGovindan | 7. Shri.M.Dileep Kumar |
| 3. Dr. P.S.Easa | 8. Shri.K. Krishna Panicker |
| 4. Shri.G.Sankar | 9. Dr.R.AjayakumarVarma |
| 5. Shri.V.N.Jithendran | |

DAY 2- 14-01-2020

Item No.108.41

Environmental Clearance for the Proposed Group Housing Project, GREEN VISTAS – “PRAKRITI” at Re-survey No.359/3, of Kakkanad village, Thrikkakara Municipality, Kanayanur Taluk, Ernakulam District, Kerala by Mr. Saurabh Gulechha, Chief Operating Officer, M/s Green Vistas Infrastructure Projects. (File No. 1189 (A)/EC2/2018/SEIAA)

Decision: The Committee heard the proponent and the Consultant. The Committee decided to request SEIAA to issue stop memo immediately through the appropriate Authority. It was also decided to seek legal opinion on the violations of the proponent since the ToR was issued by the Ministry of Environment & Forests, Government of India and the actions to be taken in this regard.

Item No. 108.42 Enable of Auto ToR in PARIVESH portal by MoEF (File No.37/A1/2019/SEIAA)

Decision: Noted

Item No.108.43

Application for Environmental Clearance for the proposed Granite Building Stone quarry project in Survey No-392/1A/3/2 pt, 392/1A/2pt 393/2pt of Kottappady Village, and Sy Nos. 467/1A/60pt of Pindimana Village, Kothamangalam Taluk, Ernakulam District, Kerala by Mr. Jose Mathew (File No-1394 (A)/EC2/2019/SEIAA) – Court direction – Time limit. (WP (C) 7728/2019 filed by Sri. Biju Jose (File No. 4506/A1/2019/SEIAA)

Decision: As directed by the Hon'ble High Court, the Committee decided to invite the proponent and the petitioner for personal hearing in the next meeting of SEAC.

Mir Mohammed Ali, I.A.S
Secretary

Dr.C.Bhaskaran
Chairman

**Item No. 108.44 Minutes of the Meeting held on 12.09.2019 to review the
activities of SEIAA/SEAC
(File No. 3272/A1/2019/SEIAA)**

Decision: Noted.

**Item No. 108.45 Office Memorandum dated 31.10.2019 from MoEF in compliance of
Hon'ble NGT order dated 19.08.2019 (File No. 4146/A1/2019/SEIAA)**

Decision: Noted for future guidance

**Item No. 108.46 Conduct of Social Audit of projects granted EC (File
No. 4317/A1/2019/SEIAA)**

Decision: Noted

**Item No. 108.47 WP (C) 33501/2019 filed by Sreekala. V & Others against
IREL (File No. 4430/A1/2019/SEIAA)**

Decision: The Committee has already forwarded all the points raised by the complainant to SEIAA. The Committee recommended that SEIAA may obtain the report of the Expert Committee commissioned by the Govt. of Kerala in this regard and peruse the matter further.

**Mir Mohammed Ali, I.A.S
Secretary**

**Dr.C.Bhaskaran
Chairman**

Item No. 108.48 Judgment dated 13.12.2019 in WP (C) 33815/2019 filed by Sri. Shajahan Rawther (File No. 1205(B)/O.E./EC2/2018/SEIAA)

Decision: As directed by the Hon. High Court, SEAC decided to invite the Proponent as well as the Assistant Executive Engineer, Southern Railway and KITCO for hearing in the next meeting of SEAC.

Item No. 108.49 Environmental Clearance issued to Sri. C Anwar Sadath, Director, Calicut Landmark Builders & Developers (India), Pvt Ltd.- Post EC appraisal. (File No. 909/SEIAA/EC4/3588/2016)

Decision: Noted

Item No. 108.50 Application for Environmental Clearance for mining of Ordinary earth in Sy.No.1/2-A1, 1/2-A3 at Pattithara Village, Pattambi Taluk, Palakkad District by Sri. Manikandan. P. V (File No. 951/A2/2019/SEIAA)

Decision: The Committee decided to recommend issuance of EC as per the mining plan.

Item No. 108.51 Application for an extension of Environmental Clearance for mining of brick earth in Sy.No.135/20-1 & 135/20-2 at Ennakkadu Village, Chengannur Taluk, Alappuzha District by - Shri. Sarasan K.S, (File No. 251/A2/2019/ SEIAA)

Decision: The Committee entrusted Shri. K. Krishna Panicker and Smt. Beena Govindan for field inspection for an on the spot assessment as of now.

Mir Mohammed Ali, I.A.S
Secretary

Dr. C. Bhaskaran
Chairman

Item No. 108.52

SEAC Field Inspection (File No.1255/EC4/2016/SEIAA)

Decision: The Committee entrusted Dr.C.Bhaskaran and Dr.R.AjayakumarVarmafor field inspection

Item No.108.53 **Environmental Clearance for the proposed Granite Building stone Quarry project in Survey No.144/4 & 144/5 in Kalpetta Village, VythiriTaluk,WayanadDistrict, Kerala State.by Mr.Robin P.R (File No.1322/EC1/2019/SEIAA)**

Decision:The Committee decided to seeklegal opinion from the Law Officer, SEIAA regarding the admissibility of the proposal in the light of the judgements of theHon'ble High Court and Supreme Court on the conversion of land assigned for quarrying.

Item No.108.54 **Environmental Clearance for Proposed Expansion with the addition of Hotel, 250 Bed Hospital, Nursing College, Hostel & other Buildings for AdluxMedicity& Convention Centre Pvt. Ltd in Re- Survey No.35/2 at Karakutty village, AluvaTaluk, Ernakulam District, Kerala by Dr. SujithSudheesan, Director, M/sAdluxMedicity& Convention Centre Pvt. Ltd(File No. 1186/A2/2018/SEIAA)**

Decision:

The Committee discussed in detail the consolidated note and proposal given here under on the subject matter:

After several rounds of discussions, the said proposal was considered in the 100th SEAC meeting held on 11th&12th July, 2019. The proponent was present and the consultant made a presentation. The Committee entrusted Dr. A.V. Raghu & Shri. K. Krishna Panickerfor field inspection. Also, the proponent was directed to produce the documents regarding collecting and disposal of solid wastes. The field inspection was carried out on 22 July 2019.

Mir Mohammed Ali, I.A.S
Secretary

Dr.C.Bhaskaran
Chairman

Based on the subcommittee report, the 101th SEAC meeting held on 1-2nd August, 2019 decided to recommend for EC subject to the following specific conditions:

- 1) Storm water should not be directly fed to RWH pond.
- 2) Roads surrounding hospital buildings should have sufficient width for free fire engine movements.
- 3) For every tree removed 3 plants are to be planted.
- 4) Proper dust control measures are to be taken during construction phase.

The proposal was placed in the 97th SEIAA meeting held on 24th September, 2019. The Authority decided to seek clarifications from SEAC on violation of EIA Notification 2006 in the light of latest OM dated 09th September 2019 of MoEF& CC & estimation of area under different components for which EC is required.

The proposal was placed in the 104th SEAC meeting held on 10-11th October, 2019. The Committee reiterated that the EC recommended earlier stands. The Committee also entrusted Shri.K. Krishna Panicker and Dr.A.V.Raghu to peruse the files and report for initiating the violation proceedings. The proponent submitted request letter on 11.11.2019 for personal hearing in the next SEAC meeting. The Committee heard the proponent and the consultant on 30th November 2019 and directed to submit a suitable damage assessment and remediation plan for the violation of EIA notification 2006 as per guidelines and court orders on the subject. The subcommittee held several rounds of discussion with the proponent and consultant on damage assessment and remediation plan. Based on the discussions, the proponent has submitted the following proposal:

Mir Mohammed Ali, I.A.S
Secretary

Dr.C.Bhaskaran
Chairman

I. Damage Assessment

<i>Attribute</i>	<i>Cost of the Damage Assessed (in Rs Lakhs)</i>
<i>Land Environment</i>	<i>42.6</i>
<i>Air Environment</i>	<i>20.0</i>
<i>Noise</i>	<i>4.32</i>
<i>Water Environment</i>	<i>16.0</i>
<i>Loss of vegetation</i>	<i>23.0</i>
<i>Total</i>	<i>105.92</i>

II. Remediation & Community and Natural Resources Augmentation Plan

Project Cost: INR 110 Crores

Budgetary provisions for remediation and community and natural resources augmentation

S No	Environment	Activity	Cost in Rs Lakhs
1.	Water environment	Restoration of abandoned wells in the Karukutty, Koratty and Parakkadav Panchayats equipped with rain water recharge <ul style="list-style-type: none"> ○ 60 wells ○ Rs 15,000 per well 	9.0
		Restoration and maintenance of public ponds in Karukutty, Koratty and Parakkadav Panchayats with facilities for ground water recharge <ul style="list-style-type: none"> ○ 12 ponds ○ Rs 5,00,000 avg per pond 	60.0
		Free water testing for 15 major potable water sources in Karukutty, Koratty and Parakkadav Panchayats Cost for collection and testing per sample : Rs 3000 <ul style="list-style-type: none"> ○ Water testing to be done every 	16.1

S No	Environment	Activity	Cost in Rs Lakhs
		month for 3 years	
		Provision of rainwater harvesting tanks to educational institutions and public places in Karukutty, Koratty and ParakkadavPanchayats <ul style="list-style-type: none"> Rs 1,00,000 per institution 10 institutions from each Panchayat each year 	30.0
		Restoration and maintenance of Manjalithodu for 6 km stretch from Madurapuram bridge (at Athani-Mekkad-Elavoor road) up to Kothakulangara bridge (connecting to NH544), including clearing up the garbage and silt to ensure free flow and beautification with suitable native species (species to be selected based on report by KFRI).	80.0
2.	Ecological environment and Noise control	Avenue plantation for NH (3 km stretch in front of the project site. Project report by KFRI)	25.0
		Setting up and maintenance of oxygen park with high oxygen releasing species, at the barren lands in KarukuttyKoratty and ParakkadavPanchayats (Project report by KFRI) Cost per oxygen park = Rs 4 Lakhs No. of oxygen parks = 16.0	64.0
		Setting up and maintenance of bio parks in nearest schools and public places (Project report by KFRI) Cost per bio park = Rs 3.5 Lakhs No. of bio parks = 12.0	42.0
3.	Air Environment	Ambient air quality monitoring in sensitive areas such as the ten schools each and ten Anganwadis each in Karukutty, Koratty and ParakkadavPanchayats <ul style="list-style-type: none"> Monitoring monthly Per sample monitoring cost Rs 5000/- Total cost = 12 x 60x 5000 	36.0
4.	Land Environment	Printing & distributing leaflets on proper segregation (degradable and non-biodegradable at source itself) <ul style="list-style-type: none"> Printing & distribution of leaflets to 30,000 houses in Karukutty, Koratty and ParakkadavPanchayats 	6.0

S No	Environment	Activity	Cost in Rs Lakhs
		<ul style="list-style-type: none"> Cost of leaflet printing and distribution = Rs 20 	
		Training programmes for school children from Karukutty, Koratty and ParakkadavPanchayats regarding source segregation of waste <ul style="list-style-type: none"> Cost per training programme = Rs 15,000 Per year 30 schools to be covered from 3 Panchayats (10 schools per Panchayat) Training programme for 3 years 	13.5
		Providing colour coded bins in important public places in Karukutty, Koratty and ParakkadavPanchayats and Angamaly and other institutions for 300 bins @Rs. 1,500 per bin (50 L bins with wheels)	4.5
		Providing colour coded bins, 2 numbers for each household, for 5,000 households (total 10,000 bins of 12 L) and improving the collection efficiency through proper training programmes of the collection staff (Kudumbasree) and assisting in the identification of third party contractors for the sale of recyclable material.	40.0
		PPE for staff of Angamali Municipality and KarukuttyPanchayat, who are engaged in waste collection Cost of one set of PPE including gumboot, work wear gloves, helmet and mask and goggles = Rs 2,500 Average number of workers for door to door waste collection and transportation = 400	10.0
5.	Socio-Economic Environment	Renovation of PHCs in the 3 Panchayats with drinking water, basic infrastructure, toilets and plantation Lumpsum of Rs 90.0 L, as the requirements may be different for the different PHCs	90.0
		Drinking water supply for Angamaly Bus Stand and other public places in the 3 Panchayats (Karukutty, Koratty and ParakkadavPanchayats) (total 16 public places) Cost per RO plant = Rs 1.56 L	25.0

S No	Environment	Activity	Cost in Rs Lakhs
Total Fund allocated for Remediation Measures			551.1

Year wise implementation plan with budgetary provisions

S No	Environment	Year-wise budgetary provision in INR (Lakhs)			Cost in Rs Lakhs
		2020-21	2021-22	2022-23	
1.	Water environment	46.0	64.0	85.1	195.1
2.	Ecological environment and noise control	30.4	46.6	54.0	131.0
3.	Air Environment	12.0	12.0	12.0	36.0
4.	Land Environment	37.0	24.0	13.0	74.0
5.	Socio-economic environment	48.0	21.5	45.5	115.0
	Total	173.4	168.1	209.7	551.1

Based on the discussions, the Committee decided to recommend to the SEIAA for accepting the remediation and natural resource augmentation plan submitted by the proponent subject to the following conditions:

- 1) A monitoring committee with following members shall be formed.
 - a) Ernakulam District Officer of KSPCB - Chairman
 - b) Proponent or his nominee - Convenor
 - c) Local ward member of Karukutty GP - Member
 - d) An NGO working in the locality - Member
 - e) Representatives of Local Self Government - Member
 - f) Representative of KFRI - Member
- 2) The monitoring committee shall finalize details of the project proposal within three months from the date of acceptance by SEIAA and details must be furnished to SEIAA.
- 3) The monitoring committee shall meet once in every three months to monitor the progress of implementation of remediation plan.
- 4) Minutes of the monitoring committee must be included in the half - yearly compliance report to be filed by the project proponent to SEIAA.

Further on accepting the Remediation & Community and Natural Resources Augmentation Plan (5% of project cost), environmental clearance may be issued on receipt of details of bank guarantee for Rs 5.511 Crores remitted to KSPCB.

Mir Mohammed Ali, I.A.S
Secretary

Dr.C.Bhaskaran
Chairman

General discussions:

The Committee also discussed the vetting remarks of the members of SEAC on the proposals from the PARIVESH portal. The members were requested to forward their vetting remarks in detail for consolidation and uploading in the PARIVESH portal at the earliest.

It was decided to have the next meeting of SEAC on 31.01.2020 & 01.02.2020.

The meeting ended at 5 pm with the vote of thanks to the Chair.

Mir Mohammed Ali, I.A.S
Secretary

Dr.C.Bhaskaran
Chairman

List of members present in the Meeting on 14.01.2020

- | | |
|------------------------|-----------------------------|
| 1. Dr.N.Ajith Kumar | 6. Dr. A.V.Raghu |
| 2. Smt.BeenaGovindan | 7. Shri.M.Dileep Kumar |
| 3. Dr. P.S.Easa | 8. Shri.K. Krishna Panicker |
| 4. Shri.G.Sankar | 9. Dr.R.AjayakumarVarma |
| 5. Shri.V.N.Jithendran | |

