

MINUTES OF THE 75th MEETING OF THE STATE ENVIRONMENT IMPACT ASSESSMENT AUTHORITY (SEIAA) KERALA HELD ON 28.10.2017 AT 10.00 AM AT HARITHASREE HALL, STATE ENVIRONMENT IMPACT ASSESSMENT AUTHORITY (SEIAA) KERALA.

Present:

1. Prof. (Dr). K.P. Joy, Chairman, SEIAA
2. Dr. J. Subhashini, Member, SEIAA
3. Sri.James Varghese. I.A.S. Additional Chief Secretary & Member Secretary, SEIAA.

The 75th meeting of SEIAA and the 42nd meeting of the Authority as constituted by the notification No. S.O. 804 (F) dated 19-3-2015 was held at Harithasree Hall, State Environment Impact Assessment Authority, Kerala on 28th October 2017 from 10.00 A.M. with the Chairman, Dr.K.P.Joy in the chair. The Chairman welcomed the members.

Item No: 75.01 Confirmation of Minutes of 74thSEIAA Meeting

Confirmed

Item No :75.02 Environmental clearance for the proposed Super Speciality Hospital Project in Sy. Nos.402/5-2,6,6-1,7,17-1-1, 403/1,11,12-1, 404/1-1,4-1,5-1,6-1, 405/8-1,9-1-1,11-2,13,13-1,14-1-1,14-2,15 at Mel Thonnakkal Village, Thiruvananthapuram Taluk, Thiruvananthapuram District, Kerala of Mr.Abdul Rahman Nazarudeen, Managing Director, Kerala Medicity Medical Services Pvt. Ltd. (FileNo. 1125/EC/SEIAA/KL/2017)

Mr.Abdul Rahman Nazarudeen, Managing Director, Kerala Medicity Medical ServicePvt. Ltd, KavumoolaVeedu, Mullaramcode, Manmboor P.O, Thiruvananthapuram District, Kerala-695317, vide his application received online, has sought Environmental Clearance under EIA Notification, 2006 for the proposed Residential Project in survey Nos. 402/5-2,6,6-1,7,17-1-1, 403/1,11,12-1, 404/1-1,4-1,5-1,6-1, 405/8-1,9-1-1,11-2,13,13-1,14-1-1,14-2,15,MelThonnakkal Village, Thiruvananthapuram Taluk, Thiruvananthapuram District, Kerala. It is interalia, noted that the project comes under the Category B, 8(a) of Schedule of EIA Notification 2006.

The total plot area of the proposed project is 1.70 ha. The total built-up area of about 38901 sq.m. with supporting infrastructure facilities. The total cost of the project is Rs. 96.72 Crores.

The proposal was placed in the 73rd Meeting of SEAC held on 30th& 31st May, 2017 and decided to defer the item for field inspection and also directed the proponent to submit the following details/clarifications.

- a) A convincing water balance statement and details of dependable source of water
- b) Details of parking facility with enhanced provisions
- c) Details of cutting and filling and measures to ensure the stability of the steep cut faces.

Subsequently, site visit was conducted on 04.07.2017 by Subcommittee consisting of Sri. Ajaya Kumar and Sri. John Mathai.

The proposal was considered in the 76th meeting SEAC held on 25th& 26th July 2017. The Committee appraised the proposal based on Form 1, Form I A, field inspection report of the Sub Committee and all other documents submitted with the proposal. The Committee decided to Recommend for issuance of EC subject to general conditions in addition to the following specific conditions.

1. *Width of road starting from old NH to the plot is adequate as per KMBR but its width should be enhanced with wide footpath so that pedestrian safety is assured. Parking in this road should be avoided.*
2. *Access road should be provided all around for fire fighting and evacuation*
3. *The existing storm water channel on the southern side is to be defined with definite width and depth to ensure natural flow. A buffer distance of at least 3 m to be left between the edge of the road and the existing storm water channel.*
4. *The source of water will be from a pond to be developed 300 m away from the project site. This source should be solely dedicated to the project. RWH with a capacity of 1400 m³ will also be provided.*
5. *Excess STP treated water should be safely disposed.*
6. *Structural design of retaining wall on the north should ensure stability.*
7. *Parking facility for 361 cars is provided which is adequate as per existing KMBR. But provision should be provided for the future enhancement of parking facility.*

As CSR component the proponent agreed to give free treatment to 50 BPL patients suffering from serious ailments referred to them by the local body.

The proposal was placed in the 74th meeting of SEIAA and decided to defer the proposal for receipt of basic information asked for and for considering in the next meeting.

Authority accepted the recommendation of SEAC and decided to issue EC subject to general condition in addition to the following specific conditions.

1. *Width of road starting from old NH to the plot is adequate as per KMBR but its width should be enhanced with wide footpath so that pedestrian safety is assured. Parking in this road should be avoided. This is also required to avoid parking of cars along the road.*
2. *Access road should be provided all around for fire fighting and evacuation*
3. *The existing storm water channel on the southern side is to be defined with definite width and depth to ensure natural flow. A buffer distance of at least 3 m to be left between the edge of the road and the existing storm water channel.*
4. *The source of water will be from a pond to be developed 300 m away from the project site. This source should be solely dedicated to the project. RWH with a capacity of 1400 m³ will also be provided.*
5. *A safe plan for disposal of excess STP treated water should be submitted.*
6. *Structural design of retaining wall on the north should ensure stability. Structural design certified by a Structural engineer should be submitted certifying safety during construction and lifetime.*
7. *Parking facility for 361 cars is provided which is adequate as per existing KMBR. But provision should be provided for the future enhancement of parking facility to atleast 400 at the time when completion plan is submitted. A certificate to this extent shall be obtained.*
8. *Car parking should be made available for patients and visitors without fee.*

As CSR component 2% of the total project cost should be set apart to give free treatment to 50 BPL patients suffering from serious ailments referred to them by the local body and also for other CSR activities. A notarised affidavit for the commitment of CSR activities and also agreeing to all the general and specific conditions should be submitted as noted above before the issuance of EC.

Item No. 75.03 Environmental clearance for the Proposed Residential Apartment Project in Sy. Nos. 224/1 Poonithura Village, Kanayannur Taluk, Ernakulam District, Kerala of Mr.K.V.AbdulAzeez, Managing Partner, M/s Skyline Builders (File No. 1114/EC/SEIAA/KL/2017)

Mr.K.V.AbdulAzeez, Managing Partner, M/s Skyline Builders , 41/349 B, Skyline House, Rajaji Road, Cochin, Ernakulam, Kerala-682035, vide his application received online, has sought Environmental Clearance under EIA Notification, 2006 for the proposed

Residential Project in survey Nos.224/1 Poonithura Village, Kanayannur Taluk, Ernakulam District, Kerala. It is inter alia, noted that the project comes under the Category B, 8(a) of Schedule of EIA Notification 2006. No forest land is involved in the present project.

The height of the proposed building is 83.25 m and the total plot area of the proposed project is 4,917.105sq.m. The total built-up area of about 23,609.06 sq.m. with supporting infrastructure facilities. The total cost of the project is Rs. 41.40 Crores.

The proposal was placed in the 73rd meeting held on 30th & 31st May 2017 and decided to defer the item for field inspection. The Committee also sought more clarity/ assurance from the proponent on the following points.

- a) *Adequacy of the source of water*
- b) *In view of the nearby water body whether the site needs clearance under the CRZ notification*
- c) *Proof of having applied for the wildlife clearance.*
- d) *Portion of energy requirements proposed to be met from non-conventional sources*

Accordingly the Sub Committee members consisting of Sri Sreekumaran Nair, Sri S. Ajayakumar, Sri John Mathai, Sri KG Padmakumar, Sri George Chackacherry and Sri EA Jayson conducted the site visit on 22nd June 2017.

The proposal was placed in the 75th meeting of SEAC held on 29th & 30th June 2017. The Committee appraised the Form I, Form IA, Conceptual plan, field visit report and all other documents. The Committee verified the additional documents submitted by the proponent and found satisfactory. The Committee decided to **Recommend for issuance of EC** subject to the general conditions and a written commitment about the quantity of energy proposed to be met from solar source.

The proponent agreed to set apart an amount of Rs.25 lakh over a period of 3 years for CSR activities for the welfare of the local community in consultation with the local body.

The proposal was placed in the 73rd meeting of SEIAA held on 15th September 2017. Authority noticed that the field inspection states that the proposal is for the expansion of the existing building under construction with a valid permit received on 10.01.2013. As the vertical expansion of building is going on, without EC the Authority authorized the Chairman to ascertain whether the construction already carried out attract violation proceedings by visiting the site for consideration in the next meeting.

Field visit to the Residential Project "The Legend" by M/s Skyline Builders at Poonithura Village, Kanayannur Taluk, Ernakulam (File No.1114/EC/SEIAA/KL/2017) was carried out on 16.09.2017 by the Chairman, SEIAA.

Mr.K.V.AbdulAzeez, Managing Partner, M/s Skyline Builders, 41/349 B, Skyline House, Rajaji Road, Cochin, Ernakulam, Kerala-682035, vide his application received online, has sought Environmental Clearance under EIA Notification, 2006 for the proposed Residential Project in survey Nos.224/1 Poonithura Village, Kanayannur Taluk, Ernakulam District, Kerala. It is inter alia, noted that the project comes under the Category B, 8(a) of

Schedule of EIA Notification 2006. The height of the proposed building is 83.25 m and the total plot area of the proposed project is 4,917.105sq.m. The total built-up area is about 23,609.06 sq.m. with supporting infrastructure facilities. The total cost of the project is Rs. 41.40 Crores.

As per the inspection report of SEAC, the proposal is for the expansion of the existing building under construction with a valid permit received on 10.1.2013. However in the Form I application there is no mention that the building is an expansion of the existing project. When the Chairman visited the site it was found that the construction is going on and it needs verification whether it is an expansion and has crossed the permissible limit of 20,000 sq.mts. Even otherwise vertical expansion of the building without EC is to be considered as a case of violation. The proponent being a large construction sector in the state the Chairman recommends that the proponent may be called to SEIAA for a verification and explanation as to why they have started construction of such a large structure without prior EC and hence why violation proceedings should not be taken.

The proposal was placed in the 74th meeting of SEIAA held on 09.10.2017. Authority decided to call the proponent in the next meeting to clarify with all documents why they have started construction of such a large structure without prior EC. Accordingly the authorised representative of the proponent presented their views in the meeting.

In the case of high rise buildings, the structural designs of the foundation is worked out considering the static and dynamic load including the wind load for the whole building considering all floors. Accordingly the foundation work is constructed for the full building. There are lots of environmental impacts involved with the foundation work of a building construction project.

The project proponent has constructed the foundation of the building as per the structural design for the entire building with the built up area of 23609.06 m²

But during hearing of the proponent on 28.10.2017, he argued that in this case as on date of the issue of the first building permit a building above 20000m² couldn't have been constructed because of the then prevailing FAR of 2.5. But subsequently the scenario changed, the FAR was raised to 4 and the applicant became entitled to construct a building of plinth area above 20,000 m². Therefore wilful attempt to bypass the environmental rules cannot be established in this case. The Authority decided that the structural strength of the existing building may be assessed by an institute of repute like CET, Trivandrum or Government Engineering College, Thrissur to ascertain whether it is sufficient enough to support the proposed expansion, before the issuance of EC.

Item No: 75.04 Application for Terms of for EIA study for the Proposed POL storage terminal by Hindustan Petroleum Corporation Limited (HPCL) Indiain Survey Nos. 541, 526, 527, 541, 542, 543, 544, 545, 546, 547, 553, 554, 555, 556, 558, 559, 560, 561, 523, 522, 475, 471, 465, 464, 463, 460, 459, 456, 455, 472, Payyannur Village, TaliparambaTaluk, Kannur District, KeralabySri. G. Vinod Kumar,

The Chief Regional Manager, M/s Hindustan Petroleum Corporation Limited (HPCL) (File No. 1130/EC/SEIAA/KL/2017)

Sri. G. Vinod Kumar, The Chief Regional Manager, Hindustan Petroleum Corporation Limited (HPCL), Kochi Retail RO, P.O. Box 1601, Ernakulam North P.O., Cochin, Ernakulam, Kerala, 682018, vide his application received online and, has sought Environmental Clearance under EIA Notification, 2006, Survey Nos. 541, 526, 527, 541, 542, 543, 544, 545, 546, 547, 553, 554, 555, 556, 558, 559, 560, 561, 523, 522, 475, 471, 465, 464, 463, 460, 459, 456, 455, 472, Payyannur Village, Taliparamba Taluk, Kannur District, Kerala State by Sri. G. Vinod Kumar, The Chief Regional Manager M/s Hindustan Petroleum Corporation Limited (HPCL). It is inter alia, noted that the project comes under the Category 'B' of Schedule 6(b) Isolated storage & handling of hazardous chemicals / Industrial Projects – 2 of Environment Impact Assessment Notification 2006.

The proposal was placed in the 71st Meeting of SEAC held on 20th & 21st April 2017. The proponent has not submitted the details of the consultant having an accreditation for conducting EIA Study. So the Committee advised the proponent to submit the details as envisaged in MoEF OM.No.J-11013/41/2006 IAI(1) dt.04.08.2009. Hence decided to **defer** the item.

The proponent has submitted a letter dated 11/07/2017 stating that they are able to make the presentation in due presence of the accredited consultant for the said sector.

The proposal was placed in the 79th meeting of SEAC held on 25th & 26th September, 2017. The proponent and the consultant made a presentation before the Committee. It was noted that the validity of the accreditation of the consultant is expiring on 11.10.2017. Hence it should be got extended immediately and proof produced. After deliberations the Committee approved the standard Terms of Reference (ToR) for the EIA study and also directed the proponent to specially address the following issues while conducting the study.

1. Identify the high flood line of the area and delineate it on a contour map with half a metre interval.
2. The details of the approach road and its feasibility shall be looked into in detail.
3. Measures to be suggested for the protection of the existing mangrove forests in and around the site.

Authority decided to approve the ToR for EIA study as approved by SEAC and to intimate the proponent accordingly. The proponent should address the issue raised by SEAC while conducting the study as noted above.

The proof of the validity of the accredited consultant should also be produced.

Item No. 75.05 Environmental clearance for the Proposed Expansion of Existing Hospital Campus Project in Sy. Nos. 666/1, 666/2, 681, 669/1, 669/2, 669/3, 2245/2, 2245/3, 669/4, 669/4, 671/6, 671/1, 2247/1, 2247/6, 2245/4, at Chembukkavu Village, Thrissur Taluk, Thrissur District, Kerala by Fr. Francis Pallikunnath, Director, M/s Jubilee

Mission Medical College & Research Institute(File.No.1138/EC/SEIAA/KL/2017)

Fr. Francis Pallikunnath, Director, M/s Jubilee Mission Medical College & Research Institute, Bishop Alpat Road, Jubilee Mission .P.O, Thrissur – 680005, vide his application received online, has sought Environmental Clearance under EIA Notification, 2006 for the proposed Expansion of Existing Hospital Campus Project in Sy. Nos. 666/1, 666/2, 681, 669/1, 669/2, 669/3, 2245/2, 2245/3, 669/4, 669/4, 671/6, 671/1, 2247/1, 2247/6, 2245/4, at Chembukkavu Village, Thrissur Taluk, Thrissur District, Kerala. It is inter alia, noted that the project comes under the Category B, 8(a) of Schedule of EIA Notification 2006. No forest land is involved in the present project.

The height of the proposed building is 42.6 m and the total plot area of the proposed project is 10.18087 ha. The total built-up area of about 1,20,259.29 sq.m with supporting infrastructure facilities. The total cost of the project is Rs. 240 Crores.

The proposal was placed in the 79th meeting of SEAC held on 25th & 26th September 2017. The Committee examined the documents and observed that it has given a clear recommendation on the proposal in its 52nd meeting held on 08.02.2016. Hence further action in the matter may be pursued by SEIAA.

The Authority decided to defer the item for detailed examination.

Item No. 75.06 Environmental clearance for the proposed quarry project in Sy.No.66 (Part) at Trikkur Village, Mukundapuram Taluk, Thrissur District, Kerala by Sri.M. J. Jose, Managing Partner, M/s Thattil Granites (File No. 958/SEIAA/EC1/4434/2015)

Sri. M. J. Jose, Managing Partner of M/s. Thattil Granites, SMS Road, Trikkur (PO) & Village, Mukundapuram Taluk, Thrissur District - 680 306, vide his application received on 26-10-2015, has sought Environmental Clearance under EIA Notification, 2006 for the quarry project in Sy. No. 66 (Part) of Trikkur Village, Mukundapuram Taluk, Thrissur District, Kerala. The project comes under Category B, Activity 1(a), (i) as per the Schedule of EIA Notification 2006 and as per O.M. No. L-11011/47/2011-IA.II (M) dated 18th May 2012 of Ministry of Environment and Forests. The project comes under Category B2 as per Notification No.S.O.141 (E) dt.15.01.2016 of Ministry of Environment and Forests, since the area of the project is below 25 hectares. The proposed project is for quarrying of 3,13,000 tons per annum of building stone.

The proponent in the basic details has noted that the said company is operating building stone quarry in Trikkur village extends over an area of 0.9105 ha. Initially this lease was granted to Mr. K. P. Joy, vide GO order No. 327/2008-09/7801/M3/2008 dated 31.08.2008. Later on this lease was transferred to M/s. Thattil Granites vide G O No. 440/2013-14/09/8117/M3/2013 dated 30.09.2013. Quarry plan has been approved over an area of 5.8654 and Environment Clearance has been obtained and the said project is active

since September 2008. Project is basically a building stone quarry, which was granted by Department of Mining and Geology over an area of 0.9105 Ha. with due emphasis on Mineral conservation and considering the Environmental aspects, management has added 4.9549 to existing and quarry. And Environmental Clearance has been obtained.

The proposal was placed in the 58th meeting of SEAC held on 28th& 29th June 2016. Proponent informed that he has 9.5 ha of land proposed for quarrying and the Geologist from Mining and Geology has refused to approve the comprehensive mining plan for the whole area. Hence he was forced to apply for an area of 3.99 ha. But from environmental point of view it is always desirable to have a comprehensive mining plan wherever possible. This is a fit case for drawing up such a plan. Hence the Committee decided to request the proponent to take up the matter with the District Geologist with the observations of the Committee and submit such an approved plan for the appraisal of the application. Hence the Committee decided to defer the item.

The proponent has submitted the documents sought by 58th SEAC held on 28th& 29th June 2016. The proposal was placed in the 75th meeting of SEAC held on 29th& 30th June 2017 and defer the item for field inspection and submission of a realistic CSR commitment.

Accordingly the site visit was conducted by the Sub Committee consisting of Dr. E A Jayson & Dr. K.G. Padmakumar on 01. 09.2017. The proponent has also submitted the enhanced CSR commitment sought by 75th SEAC.

The proposal was again considered in the 79th meeting of SEAC held on 25th and 26th September 2017. Based on the Mining plan, Form.1, Pre-feasibility Report, all other documents submitted with the proposal and the field visit report, the committee decided to **Recommend for issuance of EC** subject to general conditions in addition to the following specific condition.

- 1) *The proponent shall ensure that the stipulated minimum distance of 100 m is maintained from the quarry to the residential area.*
- 2) *If any rare, endemic and threatened plant species are noticed, they shall be properly protected insitu or transplanted to a suitable site inside the lease area.*

Considering the fact that the annual capacity of the quarry is 3,13,000 tonnes per annum, SEIAA may appropriately fix an amount for CSR activities.

Authority accepted the recommendation of SEAC and decided to issue EC subject to general conditions in addition to the following specific conditions.

1. *The proponent shall ensure that the stipulated minimum distance of 100 m is maintained from the quarry to the residential area. A notarised affidavit to this effect should be given.*
2. *Proponent should fix sign boards at different location to ensure safety.*
3. *If any rare, endemic and threatened plant species are noticed, they shall be properly protected insitu or transplanted to a suitable site inside the lease area.*

2% of the total project cost should be set apart for CSR activities in consultation with the local panchayat and details should be forwarded to SEIAA. A notarised affidavit for the commitment of CSR activities and also agreeing to all the general and specific conditions should be submitted before the issuance of EC.

Item No. 75.07 Environmental clearance for removal of ordinary earth in Sy.No. 282/3 at Kaippattur Village, Kanayannur Taluk, Ernakulam, Kerala by Sri. Jijo Abraham (File No. 1055/SEIAA/EC3/1004/2016)

Sri. Jijo Abraham, Thoduvayil, Mangidiyil, Kalambur P.O, Piravam, Ernakulam – 686 664 has applied for Environmental Clearance for the removal of ordinary earth from an area of 119.04 Are of land in Sy.No. 282/3 at Kaippattur Village, Kanayannur Taluk, Ernakulam, Kerala.

The proposal was placed in the 62nd meeting of SEAC held on 06th & 07th September 2016 and deferred the item for field visit. Accordingly the site visit was conducted by the Sub Committee consisting of Dr. E A Jayson & Dr.K.G.Padmakumar on 01. 09.2017 and recommended for the removal of 12,000 m³ of soil.

The proposal was placed in the 79th meeting of SEAC held on 25th & 26th September 2017. On the basis of the Sub-Committee report, the Committee appraised the proposal based on the details provided by the applicant and decided to Recommend for issuance of Environmental Clearance for removal of 12,000 m³ of ordinary earth subject to the condition that removal should be in terraced manner limiting average depth cutting to 1m. Authority accepted the recommendation of SEAC and decided to issue EC for removal of 12,000 m³ of ordinary earth subject to the condition that removal should be in terraced manner limiting average depth cutting to 1m.

Item No:75.08 Environmental clearance for the proposed building stone quarry project in Survey No. 172, Kodyathoor Village, Kodyathoor Panchayat, Kozhikode Taluk & District, Kerala State by Sri. Binu K. Mathew, Managing Director M/s Poabs Rock Products Pvt. Ltd. (File No. 1074/EC4/2016/SEIAA)

Sri. Binu K. Mathew, Managing Director M/s Poabs Rock Products Pvt. Ltd., Poabs Group, Kuttoor P.O., Thiruvalla, Kerala-689106., vide his application received online, has sought Environmental Clearance under EIA Notification, 2006 for the quarry project in Survey No. 172, Kodyathoor Village, Kodyathoor Panchayat, Kozhikode Taluk & District, Kerala State for an area of 17.0334 hectares. The project comes under Category B, Activity 1(a), (i) as per the Schedule of EIA Notification 2006 (since it is below 50 hectares) and as per O.M. No. L-11011/47/2011-IA.II(M) dated 18th May 2012 of Ministry of Environment and Forests. The project comes under Category B2 as per Notification No.S.O.141 (E) dt.15.01.2016 of Ministry of Environment and Forests, since the area of the project is below 25 hectares.

In the basic details the proponent has stated that part of the area (4.8240 ha) under consideration is already accorded with Environment Clearance with production capacity 2,90,000 MTA on 23.08.2013 and present proposal is expansion of the earlier E.C. accorded area. The quarry is in operation with quarrying leases issued for area 5.7584 ha (P.O. No. 124/2008-09/4694/M3/2006 and Valid up to April, 2021) + 4.8380 ha (P.O. No. 278/2011-

12/2640/M3/2011 and Valid up to August, 2021) & for area 6.437 ha (P.O. No. 763/2005-06/2317/M3/06 and Valid up to June, 2018) for cumulative area 17.0334 ha & production capacity of 1,60,000 MTA.

The lease area consists of 17.0334 hectares, which is private own land. The proposed project is for quarrying of 5,10,000 MTA of building stone. The total project cost is Rs. 20 Crores.

The proposal was placed in the 70th meeting of SEAC held on 04th & 05th April 2015 and decided to defer the item for field inspection. Accordingly the site visit was conducted by the Sub Committee consisting of Shri S. Ajayakumar and Sri. John Mathai on 16.09.17 .

The proposal was placed in the 79th meeting of SEAC held on 25th & 26th September, 2017. Based on the Mining plan, Form.1, all other documents submitted with the proposal and the field visit report, the committee decided to Recommend for issuance of EC subject to general conditions in addition to the following specific condition.

1. *If any rare, endemic and threatened plant species are noticed, they shall be properly protected insitu or transplanted to a suitable site inside the lease area*

The proponent agreed to set apart Rs. 20 lakhs (non-recurring) and Rs.20 Lakh per annum (recurring) for CSR activities for the welfare of the local community in consultation with the local body.

As the Project proponent has recorded that the quarry is operational for an area of 6.437 ha on lease before 2012 without EC, Authority decided to ask an explanation from the proponent why violation proceedings should not be initiated against the functioning of the quarry.

Item No.75.09 Environmental clearance for the proposed Granite Building Stone Quarry project in survey Nos. 417/3, 417/5, 417/7, 417/8, 416/1, 416/5, Elanji Village, at Muvattupuzha Taluk, Ernakulam District, Kerala by Sri K.I.Paulose, Managing Director, M/s Luxury Sand Kerala Pvt. Ltd. (File No.1124/EC/SEIAA/KL/2017)

Sri K.I.Paulose, Managing Director, M/s Luxury Sand Kerala Pvt.Ltd. Mr. M/s Luxury Sand Kerala Pvt. Ltd., Elanji Village, Muvattupuzha Taluk, Ernakulam District, Kerala 686665, vide his application received online, has sought Environmental Clearance under EIA Notification, 2006 for the quarry project in survey Nos. 417/3, 417/5, 417/7, 417/8, 416/1, 416/5, Elanji Village, Muvattupuzha Taluk, Ernakulam District, Kerala for an area of 5.5300 Ha. The project comes under Category B, Activity 1(a), (i) as per the Schedule of EIA Notification 2006 (since it is below 50 hectares) and as per O.M. No. L-11011/47/2011-IA.II(M) dated 18th May 2012 of Ministry of Environment and Forests. The project comes under Category B2 as per Notification No.S.O.141 (E) dt.15.01.2016 of Ministry of Environment and Forests, since the area of the project is below 25 hectares.

The lease area consists of 5.5300 hectares, which is a private own land. The proposed project is for quarrying of 1,50,335 TPA. The total project cost is 80.2 lakhs. In the basic

details the proponent noted that the lease deed was executed on 2nd February 2006 valid up to 1st February 2018 and the quarry is under operation since then.

The proposal was placed in the 73rd meeting of SEAC held on 30th & 31st May 2017 and decided to defer the item for field inspection.

Accordingly the site visit was conducted by the Sub Committee consisting of Dr. E A Jayson & Dr. K.G. Padmakumar on 01. 09.2017 .

The proposal was placed in the 79th meeting of SEAC held on 25th & 26th September 2017. Based on the Mining plan, Form.1, all other documents submitted with the proposal and the field visit report, the Committee decided to Recommend for issuance of EC subject to the general conditions in addition to the following specific condition.

- 1) *If any rare, endemic and threatened plant species are noticed, they shall be properly protected insitu or transplanted to a suitable site inside the lease area.*

The proponent agreed to set apart Rs.5 lakh (non-recurring) and Rs. 10 lakh per annum (recurring) for CSR activities for the welfare of the local community in consultation with the local body.

As the Project proponent has recorded in the signed document that the quarry is operational for an area of 5.5300 ha on lease before 2012 without EC, Authority decided to ask an explanation from the proponent why violation proceedings should not be initiated against the functioning of the quarry.

Item No.75.10 **Environmental Clearance issued for the proposed Commercial Complex (Hotel, Convention Centre & Shopping Mall) project in Survey Nos. 1888/2-6, 1888/4-2, 1888/1-3, 1890/1, 1888/12-1-1, 1888/12-2, 1888/1-2-1, 1888/1-2, 1888/1-1-1, 1888/12-3, 1888/1-1, 1888/1-2-4-1, 1888/1-1-2, 1882, 1888/1-2-2, 1888/1-2-6, 1888/2-2, 1888/2-3 and 1888/2-4 at Kadakampally Village, Thiruvananthapuram Municipal Corporation, Thiruvananthapuram Taluk and District, application of Sri. Nishad, M. A., Director, M/s LULU International Shopping Mall Pvt. Ltd. – Request for Amendment. (File No.1047/SEIAA/EC1/899/2016)**

Project Proponent : Sri. Nishad, M. A., Director, M/s LULU International Shopping Mall Pvt. Ltd

Sri.Nishad M.A., Director, M/s LULU International Shopping Mall Pvt. Ltd., 34/1000, NH-47, Edappally, Kochi applied for prior E.C for the proposed Commercial Complex (Hotel, Convention Centre & Shopping Mall) in Sy. Nos. 1888/2-6, 1888/4-2, 1888/1-3, 1890/1, 1888/12-1-1, 1888/12-2, 1888/1-2-1, 1888/1-2, 1888/1-1-1, 1888/12-3, 1888/1-1, 1888/1-2-4-1, 1888/1-1-2, 1882, 1888/1-2-2, 1888/1-2-6, 1888/2-2, 1888/2-3 and 1888/2-4 at Kadakampally Village, Thiruvananthapuram Corporation/Taluk & District.

The 58th meeting of SEAC held on 28/29-06-2016, appraised the proposal based on Form 1, Form I A, EIA report, site inspection report and other details provided by the proponent and recommended for issuance of EC for the construction project subject to the general conditions and the specific conditions.

The 58th meeting of SEIAA held on 08-09-2016, approved for the issuance of integrated E.C to the proposed Commercial Complex (Hotel, Convention Centre & Shopping Mall) project of M/s Lulu International Shopping Mall Pvt Ltd, at Kadakampally Village, Thiruvananthapuram Taluk and District with the additional conditions, green conditions, general conditions for buildings and the specific condition during construction and operational phase as decided in the 56th meeting held on 23-07-2016.

Accordingly E.C has been issued to the proponent on 07-10-2016. Now the proponent represented vide letter dated 20-10-2016 that, there are some corrections in the EC certificate and requested to issue an amended E.C. The following are the corrections noted by the proponent:

1. The Pincode of the applicant is wrongly mentioned as 688007 instead of 682024.
2. In Village address, the Pincode is wrongly mentioned as 688029 instead of 695029.
3. The Municipal Corporation Address is Zonal Office of Municipal Corporation of Thiruvananthapuram, Kadakampally, Thiruvananthapuram, Kerala-Pincode: 695029, Ph: 0471 2741897 instead of Kachani-Aruvikkara, Vattitoorkavu, Nettayam, Thiruvananthapuram, Kerala-695013, Tel:0471- 2320821.
4. In page number 3 and 6 of E.C., it is written as “The project site is near coastal zone which is influenced by sea water during high tide”. Requested to modify as “The project site is near T.S Canal, which is a tidal influence water body”.
5. There are 2 errors in the survey numbers mentioned in the E.C. the correct survey numbers are 1888-2-6-1 and 1888-1-3-1 instead of 1888-2-6 and 1888-1-3.

The Environmental Clearance Certificate is prepared in the Authority, on the basis of the Form 1 application, EIA Report and other supporting details provided by the applicant and as per the recommendation of SEAC. The above mentioned mistakes in the E.C certificate was entered from the details furnished in the application itself.

The proposal was placed in the 61st meeting of SEIAA held on 30.11.2016. In view of the above, the Authority decided to return the proposal to SEAC for a re-appraisal of the project. Now the proponent has submitted the revised Form I sought by 61st SEIAA.

The proposal was placed in the 74th Meeting of SEAC held on 14th&15th June 2017, 75th meeting of SEAC held on 29th& 30th June 2017,76thMeeting of SEAC, held on 25th& 26th July 2017, 77th Meeting of SEAC held on 07th August, 2017, 78th meeting of SEAC held on 23rd August 2017 and finally in the 79th meeting of SEAC held on 25th and 26th September 2017. Since the proponent has submitted the revised Form I and other documents with corrected survey numbers and other details, the following corrections can be incorporated in the EC already issued;

1. The Pincode of the applicant in the EC to be corrected as 682024.
2. In Village address, the Pincodeto be corrected as 695029.

3. The Municipal Corporation Address in the EC to be corrected as Zonal Office of Municipal Corporation of Thiruvananthapuram, Kadakampally, Thiruvananthapuram, Kerala-Pincode: 695029, Ph: 0471 2741897
4. The survey numbers mentioned in the E.C.(1888-2-6 & 1888-1-3) to be corrected as 1888-2-6-1 and 1888-1-3-1.

Authority accepted the recommendation of SEAC and decided to issue erratum.

Item No. 75.11 Environmental clearance for proposed Residential Project in Sy. Nos. 1888/1-3-3, 1887/4, 1887, 1886/4, 1887/2, 1886/1-1, 1886/6, 1887/8-1, 1886/1-2, 1886/7, 1886/1, 1886/4, 1886/3, 1886/4, 1886/4-1-1-1, 1886/4, 1886/1, 1814/1-3, 1887/4, 1887, 1887/7, 1887/6, 1887/4, 1886/3, 1887/9, 1814/1-2-5, 1814/1-2, 1814, 1886/4-1, 1886/4-1-1, Kadakampally Village, Thiruvananthapuram Corporation, Thiruvananthapuram Taluk & District, Kerala State by Mr. Mani Madhavan Nambiar K.P. (Associate Vice President & Authorized Signatory), M/s MPG Hotels and Infrastructure Ventures Pvt. Ltd. (File No.1100/EC/SEIAA/KL/2017)

Project Proponent : Mr. Mani Madhavan Nambiar K.P., (Associate Vice President & Authorized Signatory), M/s MPG Hotels and Infrastructure Ventures Pvt. Ltd.

Mr. Mani Madhavan Nambiar K.P. (Associate Vice President & Authorized Signatory), M/s MPG Hotels and Infrastructure Ventures Pvt. Ltd., has submitted an application for Environmental Clearance of the Proposed Residential Project, vide his application received online and has sought environmental clearance under the EIA Notification, 2006 for the project in Sy. Nos. 1888/1-3-3, 1887/4, 1887, 1886/4, 1887/2, 1886/1-1, 1886/6, 1887/8-1, 1886/1-2, 1886/7, 1886/1, 1886/4, 1886/3, 1886/4, 1886/4-1-1-1, 1886/4, 1886/1, 1814/1-3, 1887/4, 1887, 1887/7, 1887/6, 1887/4, 1886/3, 1887/9, 1814/1-2-5, 1814/1-2, 1814, 1886/4-1, 1886/4-1-1, Kadakampally Village, Thiruvananthapuram Corporation, Thiruvananthapuram Taluk & District, Kerala State. It is inter alia, noted that the project comes under the Category B, 8(a) of Schedule of EIA Notification 2006.

The area consists of 1.948 hectares, which is private land. The total plot area of the proposed project is 0.8615 ha. (8,615 sq.m.) and the total built-up area about 49,485.06 sq. m. The total project cost is 109.7 Crores. In the basis details the proponent has stated that the project consist of Basement 1, 2 + Ground + 14 floors with 211 residential apartments, recreational area and convenient shops with supporting infrastructure facilities

The proposal was placed in the 71st meeting of SEAC held on 20th & 21st April 2017 and decided to defer the item for field visit. The committee also directed the proponent to submit the additional documents/details with respect to the following points.

- a). *The area for material recovery facility should be enhanced.*

b). *Disposal of excavated earth.*

c). *Details of power proposed to be utilised from solar sources.*

Accordingly the Sub Committee consisting of Sri V Gopinathan, Chairman, Sri S. Ajayakumar member and Sri John Mathai, member has conducted the site visit on 09th June 2017.

The proposal was again placed in the 75th meeting of SEAC held on 29th & 30th June 2017 and decided to defer the item for submission of the following additional documents/clarifications.

a) *Visitor's parking for residential uses and shop visitors shall be seperated and sufficient space shall be provided in the front yard for parking for vistors to the commercial space. Revised conceptual plan reflecting this and other factors mentioned below shall be submitted.*

b) *Location of rain water harvesting tanks with a minimum capacity to hold 7 days demand.*

c) *Details of power proposed to be utilised from solar sources.*

The proponent has submitted the documents sought by SEAC.

The proposal was considered in the 79th meeting SEAC held on 25th & 26th September 2017. The Committee taken in to record the additional documents submitted by the proponent vide letter dt.17.08.2017. The Committee appraised the proposal based on Form 1, Form I A, field inspection report of the Sub Committee and all other documents submitted with the proposal. The Committee decided to Recommend for issuance of ECsubject to general conditions in addition to the following specific conditions.

1. *STP is proposed at a level 4.5 m below road level. Zero discharge conditions should be ensured. Since maintenance shall be entrusted with the association of owners, the system should not be excessively sophisticated.*
2. *Rain water storage tank should be of capacity to hold 1200 KL.*
3. *The commitment to utilize 5 KW energy from solar sources should be adhered to.*
4. *Material recovery facility should be enhanced to 100 m².*
5. *23,000 m³ of excavated earth is proposed to be utilised for the development of NISH campus at Akkula which should be strictly adhered to.*

A complaint is also received from Sri.K.J.Chacko an Environmentalist and social worker against the project which states that the land of the proposed project is included in the wetland.

Authority decided that the complaint is to be forwarded to Wetland Cell, Science & Technology to clarify whether the land belongs to wetland ot not.

Item No :75.12 Environmental Clearance for the proposed expansion of LPG storage with 3x1200 MT Mounded Storage Vessels at the LPG Bottling Plant, CochininSurvey Nos. 420-425, 435, 529-537

Manakunnam Village, Kanayannur Taluk & Ernakulam District, Kerala (File No. 1064/SEIAA/EC3/1759/2016)

Sri. N. Manoharan, Chief Plant Manager Indane Bottling Plant Indian Oil Corporation Limited Nadakkavu, Kochi, Kerala-682307 vide his application received on 19.07.2017 has sought for Environmental Clearance for the proposed expansion of LPG storage with 3 x 1200 MT Mounded Storage vessels at Indane Bottling Plant at Survey Nos. 420-425, 435, 529-537 Manakunnam Village, Kanayannur Taluk & Ernakulam District, Kerala. It is inter alia, noted that the project comes under the Category 6(b) isolated storage & handling of hazardous chemicals (As per threshold planning).

The proposal was placed in the 64th Meeting of SEAC held on 16th & 17th November, 2016. Since the TOR presented include all the parameters stipulated by MoEF in the standard TOR prescribed for LPG bottling plants the committee approved the standard ToR.

The proposal was considered in SEIAA in the 62nd Meeting held on 23-12-2016. The Authority decided to agree to the decision of SEAC and it may be communicated to the project proponent.

After the approval of ToR the proponent has conducted the EIA study. The public hearing of the project was also conducted by Kerala State Pollution Control Board on 27th April 2017. Then the proponent has submitted the application for Environment Clearance.

The proposal was placed in the 76th Meeting of SEAC held on 25th & 26th July, 2017. The Committee decided to defer the item for field inspection.

Accordingly the site visit was conducted by the Sub Committee consisting of Shri S. Ajayakumar and Sri. John Mathai on 15.09.2017. The report is as follows;

Field visit was carried out on 15.09.2017 by the sub-committee of SEAC, Kerala, comprising Shri S. Ajayakumar, Dr George Chackacherry and Sri. John Mathai. The proposal is for the expansion of the existing plant where the LPG is at present stored in above ground bullet tankers. But the expansion in storage is proposed in mounded storage tanks. The area is a flat plain land predominantly water logged. Based on TOR, EIA studies have been conducted. Civil construction for the mounded storage is complete. Other related works are on-going. The valves and other systems of connectivity to the mounded storage are planned away from settlement. A dedicated pipe line from KRL brings LPG to the site. Plant is not yet commissioned, as reported by the officials. As of now the existing plant is not having any environmental problems. The anticipated impacts are limited to plant area and addressed in EIA report. The issues raised during the public hearing are minimal. As demonstrated during the visit, it has adequate fire fighting capabilities, emergency evacuation facilities and adequate parking for Lorries meant for transporting bottled LPG. The officials reported that all safe inter distances as laid down by statutory bodies are complied with and the design and construction is as per Oil Industry Safety Directorate (OISD) – standard – 150.

Environmental impact of such projects is expected to be created during the operation phase after commissioning of the full scale storage facility. Construction of mound is not expected to

create any adverse environmental impacts. Therefore, whether the construction of mound amounts to violation should be decided by the committee.

The proposal was placed in the 79th meeting of SEAC held on 25th 26th September 2017. The proposal was appraised by SEAC considering Form I, Form IA, conceptual plan, field visit report and all other documents and details provided by the proponent. Though it is not likely to create any adverse environmental impact, the work of mound has already been completed without EC, which is a procedural violation. The Committee decided to Recommend for issuance of EC with strict instructions to adhere to the following measures.

1. *Safety Equipments as per OSID 144 shall be positioned at various strategic points within the plant.,*
2. *Periodic emergency Drills & Emergency Response Drills as per norms of OSID-144.*
3. *Fire Fighting Organisation Chart with defined Responsibility – On shift and Off shift*
4. *Reporting Near Miss Incidents shall be ensured.*
5. *Communication gadgets – Siren with codes, Manual Call points, Hooters/beacons, Walkie-Talkie sets, Public Address System, Flameproof PA/Paging system at areas shall be provided.*
6. *ERDMP approved by Petroleum and Natural Gas Regulatory Board (NPGRB) shall be made.*
7. *Assembly Points shall be at the designated locations for meeting emergency situation.*
8. *Emergency Escape routes shall be indicated by marking buildings/roads demarcated.*
9. *Training to personnel (IUCL staff, contract labourers, Security Personal and ST/TT crew) shall be done regularly.*
10. *Close coordination with District Administration shall be ensured.*
11. *Awareness programmes with Local Community shall be done.*
12. *Mutual –Aid Scheme with other OMC & major Hazardous Industries/Units shall be ensured for enhanced safety.*

The proponent agreed to plant 10,000 saplings in the premises and also agreed to engage with local community regularly to assist them for meeting their common needs.

The Authority decided to call the proponent for clarification whether the construction of mound amounts to violation as reported by the inspection team.

Item No.75.13 Application for Terms of Reference for EIA study for the Proposed Augmentation of LPG Storage Facilities (3x500) in Survey No.848/2, 848/3, 848/9, 849/1, 848/2, 849/5, 849/6, 849/7A849/7B, 850/4, Pudukkottai Central Village, Kanjikode Taluk, Palghat District, Kerala by Sri.Sunil Kumar T U, Plant Manager, Hindustan Petroleum Corporation Limited (File No. 1136(A)/EC/SEIAA/KL/2017)

Sri.Sunil Kumar T U, Plant Manager, Hindustan Petroleum Corporation Ltd-LPG Bottling Plant, Development of LPG Storage Terminal at Palghat LPG Plant, Post Box No. 2, Kanjikode, Dist. Palghat, Kerala, vide his application received online has sought approval of

Terms of Reference (ToR) for the EIA study for the Proposed Augmentation of LPG Storage Facilities (3x500) in Survey No. 848/2,848/3, 848/9,849/1, 848/2,849/5,849/6,849/7A849/7B, 850/4 for the Proposed Augmentation of LPG Storage Facilities (3x500) at Pudussery Central Village, Kanjikode Taluk, Palghat District, Kerala.

The proposal was considered in the 79th meeting SEAC held on 25th and 26th September 2017. The proponent and the consultant made a presentation before the Committee. It was noted that the validity of the accreditation of the consultant is expiring on 21.11.2017. Hence it should be got extended immediately and proof produced. After deliberations the Committee approved the standard Terms of Reference (ToR) for the EIA study.

Authority decided to approve the ToR as recommended by SEAC and to intimate the proponent accordingly.

Item No.75.14 Application for Terms of Reference for EIA study for the Proposed Expansion of HPCL- LPG Mounded Storage Facility At Kochi LPG Bottling Plant, in Survey No. 28/12-26, Thiruvankulam Village, Kanayannur Taluk, Ernakulam District, Kerala by Sri.Gopakumar Balakrishnan, Sr. Manager, Hindustan Petroleum Corp. Ltd (File No. 1136 (B)/EC/SEIAA/KL/2017)

Sri.Gopakumar Balakrishnan, Sr. Manager, Hindustan Petroleum Corp. Ltd., Kochi LPG Plant, Hindustan Petroleum Corporation Ltd, Sea Port – Air Port Road, Irumpana Post, Kochi - Kerala-682309, vide his application received online has sought approval of Terms of Reference (ToR) for the EIA study for the proposed expansion of HPCL- LPG Mounded Storage Facility at Kochi LPG Bottling Plant in Survey No 28/12-26 at Thiruvankulam Village, Kanayannur Taluk, Ernakulam District, Kerala. The total estimated project cost is Rs. 2000 lakhs.

The proposal was placed in the 79th meeting of SEAC held on 25th 26th September 2017. After deliberations the Committee approved the standard Terms of Reference (ToR) for the EIA study.

Authority decided to approve the ToR as recommended by SEAC and to intimate the proponent accordingly.

Item No. 75.15 Environmental clearance for the proposed Residential Project in Sy. Nos. 1008/4, 1008/5, 1008/6, 1009/39, Elamkulam Village, Kochi Corporation, Kanayannur Taluk, Ernakulam District, Kerala. Sri. Mr.Karthik Ramani Managing Partner, M/s Kalyan Developers (File No. 1102/EC/SEIAA/KL/2017)

Mr.Karthik Ramani, Managing Partner, M/s Kalyan Developers, TC 35/1403, Sreekrishna Building, West Palace Road, Thrissur, Kerala-680022, vide his application

received online, has sought Environmental Clearance under EIA Notification, 2006 for the proposed Residential Project in survey Nos. 1008/4, 1008/5, 1008/6, 1009/39, Elamkulam Village, Kochi Corporation, Kanayannur Taluk, Ernakulam District, Kerala. It is inter alia, noted that the project comes under the Category B, 8(a) of Schedule of EIA Notification 2006.

The height of the proposed building is 42.10 m., proposed construction of residential project in plot area of about 1.036 ha. (10,360.32 sq.m.). The total built-up area of about 28,739.54 sq.m. and 114 residential units with supporting infrastructure facilities. Total cost of the project is about Rs. 57.828 Crores.

The proposal was placed in the 72nd meeting of SEAC held on 08th & 09th May 2017 and decided to defer the item for field inspection. The Committee also directed the proponent to submit a NOC from CZMA and a convincing plan to meet all the water requirements. The proponent proposed to set apart Rs 35 Lakhs during the construction stage for CSR activities in consultation with the Corporation.

Accordingly the Sub Committee members consisting of Sri Sreekumaran Nair, Sri S. Ajayakumar, Sri John Mathai, Sri KG Padmakumar, Sri George Chackacherry and Sri EA Jayson conducted the site visit on 22nd June 2017.

The proposal was again placed in the 75th meeting of SEAC held on 29th & 30th June 2017 and decided to defer the item for submission of NOC from KCZMA.

The proponent has submitted the documents sought by SEAC. The proposal was placed in the 79th meeting of SEAC held on 25th & 26th September 2017. The proposal was appraised by SEAC considering Form I, Form IA, Conceptual plan, field visit report and all other documents and details provided by the proponent. The Committee decided to Recommend for issuance of EC with general conditions and also to incorporate the conditions contained in the letter no. 6697/A2/2016/KCMA dt.30.08.2017 from the Chairman, KCZMA addressed to the Chairman, SEIAA and also enhance the RWH capacity to 1350 KL.

The proponent agreed to set apart Rs 35 Lakhs during the construction stage for CSR activities in consultation with the Corporation.

Authority accepted the recommendation of SEAC and decided to issue EC subject to general conditions in addition to the specific conditions.

- 1) Enhance the RWH capacity to 1350 KL.
- 2) Conditions contained in the letter no. 6697/A2/2016/KCMA dt.30.08.2017 from the Chairman, KCZMA should be strictly adhered to.

2% of the total project cost should be set apart for CSR activities in consultation with the local panchayat. A notarised affidavit for the commitment of CSR activities and also agreeing to all the general and specific conditions and the conditions imposed by Kerala

Coastal Zone Management Authority (KCZMA) should be submitted before the issuance of EC.

Item No : 75.16 Environmental clearance for the expansion of the existing Hospital campus Project in Sy. Nos. 45/1, 36/8, at Vengeri Village, Kozhikode Taluk, Kozhikode District, Kerala by Dr.P.C.Anver, Executive Director, M/s Iqraa International Hospital & Research Centre(File No. 1133/EC/SEIAA/KL/2017)

Dr.P.C.Anver, Executive Director, M/s Iqraa International Hospital & Research Centre, Malapramba, Calicut, Kerala-673009, vide his application received online, has sought Environmental Clearance under EIA Notification, 2006 for the proposed Residential cum Commercial and Hospital Project in Survey No.s45/1, 36/8atVengeri Village, Kozhikode Taluk, Kozhikode District, Kerala. It is interalia, noted that the project comes under the Category B, 8(a) of Schedule of EIA Notification 2006. No forest land is involved in the present project. The total cost of the project is Rs. 115 Crores.

The project proponent in the basic details states that the total built up area is 24,918.01 sq. m with Basement + Ground + 8 floors (Cancer Specialty Block). Height of the building from the ground level is 29.85 m. Expansion of existing hospital complex project in plot area of about 2.3670 ha, proposed 250 beds hospital with other additional supporting infrastructure facilities within the 350 bedded existing hospital campus.

The proposal was placed in the 76th meeting of SEAC held on 25th& 26th July, 2017and was again placed in the 78th meeting of SEAC held on 23rd August 2017.The Committee decided to defer the item for field inspection.The committee also directed the proponent to submit the following additional documents.

1. *The width of the access road.*
2. *Details of the enhanced parking plan.*
3. *Details of rain water harvesting.*
4. *Copies of the building permits of the existing buildings.*

Accordingly the site visit was conducted by the Sub Committee consisting of Shri S. Ajayakumar and Sri. John Mathai on 16.09.2017 .

The proponent also submitted the additional documents sought by 78th SEAC. The proposal was placed in the 79th meeting of SEAC held on 25th& 26th September 2017.The Committee deferred for a personal hearing for clarification regarding the layout of internal roads and height of the proposed buildings. And also for the production of copy of regularisation document of the buildings already constructed.

The proposal was placed in the 80th meeting of SEAC held on 11th October, 2017. The proposal was appraised by SEAC considering Form I, Form IA, Conceptual plan, field visit report and all other documents and details provided by the proponent. The Committee

decided to Recommend for issuance of EC subject to the general conditions in addition to the following specific conditions.

- 1) *As per the revised Parking Plan submitted by the Proponent, the number of vehicles for parking is enhanced from 305 to 325. However the proponent has agreed to provide further additional parking in the adjoining 1 acre plot owned by the proponent on the rear side of the hospital separated by a small path way.*
- 2) *Alternate entry has to be provided for giving access to the parking area behind the main building.*
- 3) *The proponent should strictly follow the height regulations of the hospital buildings.*
- 4) *The proponent has agreed to increase the STP to 500 KLD which should be strictly adhered to.*
- 5) *The proponent has agreed to provide Rainwater Harvesting facility with a capacity of 3000 KLD . The existing open well should maintain as such.*
- 6) *The pond already formed in the premises should also be maintained as a water harvesting structure.*

Towards the CSR component, the proponent agreed to treat free of cost 300 patients suffering from serious ailments belonging to BPL category.

It is noted that the hospital is having 3 constructions with a total built up area of 5,300 sq.m without proper permits from the local body. Therefore before the commencement of the construction of the buildings indicated in the proposal, the proponent shall get the above constructions regularised.

Authority considered the proposal and noted that the hospital is having 3 constructions with a total built up area of 5,300 sq.m without EC and also without proper permits from the local body. Authority decided to ask an explanation from the proponent why violation action should not be initiated.

Item No. 75.17 Environmental clearance for Residential Apartments cum commercial complex building project in Sy. Nos. 111/7, 112/ (1, 7-13, 14,15, 16, 18, 23-25, 28) 116 (5, 6, 14) Pangappara Village, Thiruvananthapuram Taluk, Thiruvananthapuram District, Kerala State by Sri. M. Najeeb, President of M/s Spring Infradev Limited. (File No. 1099/EC/SEIAA/ K L/2017)

Project Proponent : Sri. M. Najeeb, President of M/s Spring Infradev Limited

Mr.M. Najeeb, President of M/s Spring Infradev Limited, TC – 37/3315, Pavithram, Thirumala P.O, Thiruvananthapuram, Kerala has sought Environmental Clearance under EIA Notification, 2006 for the Residential Apartments cum commercial complex building project in Sy. Nos. 111/7, 112/ (1, 7-13,14, 15,16,18,23-25,28) 116(5,6,14) Pangappara Village, Thiruvananthapuram Taluk, Thiruvananthapuram District , Kerala.It is inter alia, noted that the project comes under the Category B, 8(a) of Schedule of EIA Notification 2006. The area

consists of 1.948 hectares, which is private land. The total built-up area 107773.54sq.m. The total project cost is 190 Crores.

The project proponent in the basic details states that the total built up area is 107773.54 sq.m having basement (3 floors) + 31 with 370 apartments and the height of the building is 137.82 m.

The proposal was placed in the 71st meeting of SEAC held on 20th & 21st April 2017 and decided to defer the item for field inspection. The committee also directed the proponent to submit the following additional documents/ details.

1. *Water balance chart with clarity*
2. *Details of waste management facility*
3. *Quantification of earth cutting & filling*
4. *Details of streams passing through the site*
5. *Proper earmarking of common assembly point and material recovery space.*
6. *A proper parking diagram.*
7. *Rainwater storage facility for atleast 10 days' requirement.*
8. *Quantify the total energy proposed to be met from solar energy.*
9. *Details of tree planting proposed in the area.*

Accordingly the Sub Committee consisting of Sri V Gopinathan, Chairman, Sri S. Ajayakumar and Sri John Mathai, members has conducted the site visit on 09th June 2017.

The proposal was placed in the 75th meeting of SEAC held on 29th & 30th June 2017 and decided to defer the item for submission of the following additional documents/clarifications.

1. *Car parking provision is made for 505 cars and 1500 two wheelers which is adequate.*
2. *The exit /entry for the project are directly from the NH where service road is not available and very near to a sharp turn. There will be heavy traffic generated from this project bound for both directions. This will create conflict points in the NH where traffic is busy and fast which may create accidents and congestion which is not advisable. The proponents may be advised to submit traffic management plans prepared by NATPAC or some other reputed agencies to mitigate this situation.*
3. *Proponents should submit a copy KLU order.*
4. *Proponents' plans to leave 16.2 m set back from the centre line of the NH based on directions from the NH authorities. Again minimum 4.5m set back shall be provided. The proponents have claimed that they have provided more than this requirement. The distance of 16.2 m and 4.5 m planned as set back is mandatory. Additional space in the form of a service road for the to and fro movement/queue of vehicles from the project site is also needed. They should submit an updated map indicating the space allocated for the above purpose.*
5. *Proponents should submit the latest cadastral map of the project site and its vicinity.*
6. *The stormwater channel that passes through the site is presently defunct. This should be regenerated keeping its entry point and exit point same as before. The channel should be of sufficient capacity to drain the peak runoff without causing flooding.*

7. *Rain water harvesting pond capacity of 300 KL should be provided and location marked.*
8. *STP shall be of zero discharge.*
9. *Earth cutting/filling quantity must be submitted along with slope stability measures to be adopted during construction and after. The common boundary with NH shall be properly benched/graded so as to prevent any event of slope failure.*

The proponent has submitted the documents sought by 75th SEAC. The proposal was considered in the 80th meeting SEAC held on 11th October 2017. The proposal was appraised by SEAC considering Form I, Form IA, Conceptual plan, field visit report and all other documents and details provided by the proponent. The Committee decided to Recommend for issuance of EC subject to the general conditions in addition to the following specific condition.

1. *Since the site of the proposal is adjacent to a National Highway with heavy traffic, the suggestions and recommendations detailed by NATPAC in its report No. 01/TMP/HED/NATPAC dated 15.09.2017 shall be strictly adhere to.*
2. *The stormwater channel that passes through the site is presently defunct. This should be regenerated keeping its entry point and exit point same as before. The channel should be of sufficient capacity to drain the peak runoff without causing flooding.*
3. *Rain water harvesting pond capacity should be of 300 KL.*
4. *STP shall be of zero discharge*

SEIAA may obtain an appropriate commitment from the proponent towards CSR activities.

As the height of the building is 137.82 mtrs from the ground level, Authority decided to ask the proponent to get the sanction from the Airport Authority. Also opinion from the fire safety department regarding the permissible height of the building should be submitted. After examination Authority also decided to have a personal hearing with the proponent, in view of the remarks of the inspection team.

Item No:75.18 Environmental clearance for the proposed expansion of building stone quarry project in Survey Nos. 13/1, Village Erumely South, Erumely Panchayat, Kanjirappally Taluk, Kottayam District, Kerala by Sri. Jacob Thomas, (File No.1109/EC/SEIAA/KL/2017)

Sri. Jacob Thomas, M/s PGI Enterprises, Kudukkavally Propose P.O., Erumely, Kottayam, Kerala-686509. vide his application received online, has sought Environmental Clearance under EIA Notification, 2006 for the quarry project in Survey Nos. 13/1, Village Erumely South, Erumely Panchayat, Kanjirappally Taluk, Kottayam District for an area of 9.7660 ha. The project comes under Category B, Activity 1(a), (i) as per the Schedule of EIA Notification 2006 (since it is below 50 hectares) and as per O.M. No. L-11011/47/2011-IA.II(M) dated 18th May 2012 of Ministry of Environment and Forests. It is further categorized as Category B2 as per Notification No.S.O.141 (E) dt.15.01.2016 of Ministry of Environment and Forests, since the area of the project is below 25 hectares. The quarry is a

fresh one. The proposed project is for quarrying of 3,00,000 MTA. The total project cost is Rs. 3 Crores.

The proposal was placed in the 72nd meeting of SEAC held on 08th& 09th May 2017 and decided to defer the item for field inspection and for submission of the proof for having applied for Wild Life Clearance and enhanced commitments for CSR activities.

Accordingly field visit to the quarry project site was carried out on 08.07.2017 by the sub-committee of SEAC, Kerala, comprising Dr.Keshav Mohan and Sri. John Mathai. *The inspection report is as follows;*

The proposed lease area consists of 9.7660 ha forming part of the land that belongs to Kanjirapally Diocese. This land is now planned to be developed as quarry with permission from the Church authorities, for a period of 15 years. This project is located at about 2 km east of Erumeli town. The main road connecting Erumeli and Mundakayam is on the southern side at about 150 m from the boundary. Boundary pillars of the proposed quarry are erected and numbered as given in the surface plan, but fencing is not provided. The land is part of a hill slope with moderate slopes mostly to north. The area in general is covered with thin soil cover/OB, but out crops and boulders are seen on the upper part. The rock type is mostly charnockite. Specific location for storing OB and top soil is not envisaged. Catch water drains are to be provided for storm water management. The approach road to the quarry is the main estate road which needs widening to at least 7 m. Rubber is the dominant landuse in the entire area. Floral and faunal biodiversity is not observed as the area is mostly disturbed. Buildings are observed within 100 m on the SE side for which 100 m buffer distance is provided for safety. This area has not been subjected to quarrying within 1 km radius. Based on an overall evaluation of the site it can be recommended after considering the following:-

- *Notarised copy of the agreement between the proponent and the Church authorities permitting quarrying for the period of 15 years (now an attested copy of the letter from the procurator is given).*
- *The main access road should be widened to more than 7 m.*
- *Fencing to be provided all around.*
- *The OB and top soil is to be stored in a dedicated place at lower elevation and provided with retaining walls.*
- *Considering the presence of the main road used by pilgrims to Sabarimala, the southern boundary of the lease area should be provided with a 15 m wide green belt to arrest wind laden dust particles and to muffle the noise from the quarry.*
- *Catch water drains to be provided to channelize storm water. Proper clarification mechanisms need to be provided before it is let out into the valley.*
- *RWH structure should be in place during the operation stage to enhance water availability.*
- *A separate plot may be set apart to relocate and protect shrubs and plants in the area that are rare to the locality.*

The proposal was placed in the 76th meeting of SEAC held on 25th& 26th July 2017 and decided to defer the item for submission of enhanced CSR commitment.

The proponent has submitted the documents sought by SEAC. The proposal was again considered in the 80th meeting of SEAC held on 11th October 2017. The Committee appraised the proposal based on Form I, Pre-feasibility Report, Mining Plan, field inspection report of the Sub Committee and all other documents submitted with the proposal. The Committee decided to Recommend for issuance of EC subject to general conditions in addition to the following specific condition for mining.

- 1) *The main access road should be widened to more than 7 m.*
- 2) *Fencing to be provided all around.*
- 3) *The OB and top soil is to be stored in a dedicated place at lower elevation and provided with retaining walls.*
- 4) *Considering the presence of the main road used by pilgrims to Sabarimala, the southern boundary of the lease area should be provided with a 15 m wide green belt to arrest wind laden dust particles and to muffle the noise from the quarry.*
- 5) *Catch water drains to be provided to channelize storm water. Proper clarification mechanisms need to be provided before it is let out into the valley.*
- 6) *RWH structure should be in place during the operation stage to enhance water availability.*
- 7) *If any rare, endemic and threatened plant species are noticed, they shall be properly protected insitu or transplanted to a suitable site inside the lease area.*

The proponent had committed only 15 lakh for recurring and 15 lakh non-recurring per annum for CSR activities. For similar projects in earlier cases, having similar capacity, the proponents had committed an amount of Rs. 25 lakh per annum. Hence SEIAA may insist on a similar commitment from the proponent.

Authority accepted the recommendation of SEAC and decided to issue EC subject to general condition in addition to the following specific conditions.

1. *The main access road should be widened to more than 7 m.*
2. *Fencing to be provided all around.*
3. *The OB and top soil is to be stored in a dedicated place at lower elevation and provided with retaining walls.*
4. *Considering the presence of the main road used by pilgrims to Sabarimala, the southern boundary of the lease area should be provided with a 15 m wide green belt to arrest wind laden dust particles and to muffle the noise from the quarry.*
5. *Catch water drains to be provided to channelize storm water. Proper clarification mechanisms need to be provided before it is let out into the valley.*
6. *RWH structure should be in place during the operation stage to enhance water availability.*
7. *If any rare, endemic and threatened plant species are noticed, they shall be properly protected insitu or transplanted to a suitable site inside the lease area.*

The proponent should spent 25 lakh per annum for CSR activities in consultation with the local panchayath. EC will be issued only after fulfilling all the pre-mining conditions in the project site and a certificate to this effect from a competent authority

(RDO/Tahsildhar/District Geologist) should be submitted. A notarised affidavit for the commitment of enhanced CSR activities as suggested by SEAC and also agreeing all the general and specific conditions should also be submitted before the issuance of EC.

Item No. 75.19 Environmental clearance for the Proposed IT Project by in SEZ Infopark Campus, Re-Survey Nos. 601/1-2 part, 3, 4, 5, 6, 616, Kakkanad Village, Thrikkakara Municipality, Kanayanoor Taluk, Ernakulam District, Kerala of Mr. N. V. George (Chairman & Managing Director) M/s Geon Air Air Condition & Refrigeration Manufacturers (P) Ltd. (File No. 1113/EC/SEIAA/KL/2017)

Mr. N. V. George (Chairman & Managing Director) M/s Geon Air Air Condition & Refrigeration Manufacturers (P) Ltd. Plot No. 16, Geo Infopark, Kinfra, Infopark P.O., Kakkanad, Kochi, Kerala – 682042., vide his application received online, has sought Environmental Clearance under EIA Notification, 2006 for the Proposed IT Project in SEZ Infopark Campus, Re-Survey Nos. 601/1-2 part, 3, 4, 5, 6, 616, Kakkanad Village, Thrikkakara Municipality, Kanayanoor Taluk, Ernakulam District, Kerala. It is inter alia, noted that the project comes under the Category B, 8(a) of Schedule of EIA Notification 2006. No forest land is involved in the present project.

The height of the proposed building is 48.10 m. and the total plot area of the proposed project is 1.0562.67 ha. and the total built-up area 73,895.90 sq.m. with supporting infrastructure facilities. The project consists of Basement 1, 2 + Ground + 13 floors. The Height of the building is 48.10 m. The project cost is 221 crores.

The proposal was placed in the 72nd meeting of SEAC held on 08th & 09th May 2017 and decided to defer the item for field visit.

Accordingly the Sub Committee members consisting of Sri Sreekumaran Nair, Sri S. Ajayakumar, Sri John Mathai, Sri KG Padmakumar, Sri George Chackacherry and Sri EA Jayson conducted the site visit on 22nd June 2017.

The proposal was again placed in the 75th meeting of SEAC held on 29th & 30th June 2017 and decided to defer the item for the submission of the following details/documents.

1. *Parking Plan*
2. *Storm water evacuation plan*
3. *Details of the cuttings and fillings proposed in the area.*

The proponent has submitted the documents sought by SEAC. The proposal was placed in the 79th meeting of SEAC held on 25th & 26th September 2017. The Committee deferred for clarification regarding the quantum of earth work involved in cutting and filling.

The proponent has submitted the document sought by 79th SEAC. The proposal was placed in the 80th meeting of SEAC held on 11th October 2017. The proposal was appraised by SEAC considering Form I, Form IA, Conceptual plan, field visit report and all other documents and details provided by the proponent. The Committee decided to Recommend for issuance of EC subject to the general conditions.

The proponent agreed to set apart an amount of Rs.50 lakh over a period of 3 years for CSR activities for the welfare of the local community in consultation with the local panchayat.

Authority accepted the recommendation of SEAC and decided to issue EC subject to the general conditions. 2% of the total project cost should be set apart for CSR activities in consultation with the local panchayat. A notarised affidavit for the commitment of CSR activities and also agreeing all the general conditions particularly of e-waste management should also be submitted before the issuance of EC.

Item No. 75.20 Environmental clearance for the proposed Residential Building Project ‘Artech Life Spaces’ in Sy. Nos. 398/2, 398/2-3 at Karimanal, Attipra Village and Thiruvananthapuram Taluk, Thiruvananthapuram District, Kerala of Mr.J.Bharat Samuel, Artech Realtors Pvt Ltd (File No. 1128/EC/SEIAA/KL/2017)

Project Proponent : Mr.J.Bharat Samuel, Artech Realtors Pvt Ltd

Mr.J.Bharat Samuel, T.C 4/485-1, Mony Estate, Pullukadu, Karimanal P.O, Thiruvananthapuram vide his application received online, has sought Environmental Clearance under EIA Notification, 2006 for the proposed Residential Project in Sy. Nos. 398/2, 398/2-3 at Attipra Village and Thiruvananthapuram Taluk, Thiruvananthapuram District, Kerala. It is interalia, noted that the project comes under the Category B, 8(a) of Schedule of EIA Notification 2006. No forest land is involved in the present project.

The height of the proposed building is 59 m above GL and the total plot area of the proposed project is 16389.77 m² and the total built-up area 92,904 m². The total no of floor is G+19 with 442 dwelling units. Total cost of the project is 16049.09 lakhs.

The proposal was placed in the 73rd Meeting of SEAC held on 30th& 31st May, 2017 and decided to defer the item for field inspection.The Committee also directed the proponent to submit detailed water balance statement and water yield test study report.

Subsequently, site visit was conducted on 04.07.2017 by Subcommittee consisting of Sri.Ajaya Kumar and Sri. John Mathai.

The proposal was placed in the 76th meeting of SEAC held on 25th& 26th July 2017 and decided to defer the itemfor submission of the yield test results. The proponent has submitted the documents sought by SEAC.

The proposal was considered in the 80th meeting SEAC held on 11th October 2017. The proposal was appraised by SEAC considering Form I, Form IA, Conceptual plan, field visit report and all other documents and details provided by the proponent.The Committee decided to Recommend for issuance of ECsubject to the general conditions in addition to the following specific condition.

- 1) *The storm water should be drained to the side of NH-66*
- 2) *Should make use of spring already in the site. This water should be collected in sumps designed for the same.*

3) *RWH capacity should be increased to a minimum of 3000 m³.*

The proponent agreed to set apart Rs.40 lakh over a period of 3 years for CSR activities for the welfare of the local community in consultation with the local body.

Authority accepted the recommendation of SEAC and decided to issue EC subject to the general conditions in addition to the following specific condition.

1. *The storm water should be drained to the side of NH-66*
2. *Should make use of spring already in the site. This water should be collected in sumps designed for the same.*
3. *RWH capacity should be increased to a minimum of 3000 m³.*

2% of the total project cost should be set apart for CSR activities in consultation with the local panchayat. A notarised affidavit for the commitment of CSR activities and also agreeing all the general conditions should also be submitted before the issuance of EC.

Item No: 75.21 Environmental clearance for the proposed china clay mining project in Sy. Nos. 427/1, 1-1, 1-2, 2, 4 & 5 at Melthonnakkal Village, Trivandrum Taluk, Trivandrum District, Kerala by Sri. Chandrasekaran for M/s EICL limited (File No. 940/SEIAA/EC1/4098 /2015)

Sri. Chandrasekaran R. (DGM-Mines English India Clay Limited) Melthonnakkal (PO) Thiruvananthapuram, Kerala-695317, vide his application received on 06.10.2015, has sought Environmental Clearance under EIA Notification, 2006 for the quarry project in Sy. Nos. 427/1, 1-1, 1-2, 2, 4 & 5 at Melthonnakkal Village, Trivandrum Taluk, Trivandrum District, Kerala. The project comes under Category B, Activity 1(a), (i) as per the Schedule of EIA Notification 2006 and as per O.M. No. L-11011/47/2011-IA.II(M) dated 18th May 2012 of Ministry of Environment and Forests. The lease area consists of 2.8999 hectares, which is private land having production capacity 25000 TPA.

58th Meeting of SEAC held on 28th & 29th June, 2016 appraised the proposal and deferred the item for field visit.

Field visit to the Quarry project sites of *M/S English India Clay Ltd*, Melthonnakkal Village, Chirayinkizhu Taluk, Thiruvananthapuram district, Kerala was carried out on 19.08.2016 by the sub-committee of SEAC, Kerala, comprising Sri. P. Sreekumaran Nair and Sri. John Mathai.

The proposal was considered in the 62nd meeting of SEAC, Kerala, held on 06th & 07th September, 2016 and decided to defer the item for the production of the additional documents. The proponent has submitted the documents/clarifications sought by 62nd SEAC.

The proposal was placed in the 68th meeting SEAC held on 20th & 21st February 2017. The Committee verified the additional documents submitted by the proponent and found satisfactory. Based on the Mining plan, Form.1, all other documents submitted with the

proposal and the field visit report, the Committee decided to Recommend for issuance of EC subject to the general conditions.

The proposal was placed in the 66th meeting of SEIAA held on 07.04.2017. On examination of the file the Authority found that there are two representations/complaints about the projects one by Janasakthi Action Council and the other by Thanal and in a joint meeting held on 16.03.2016 at the Chamber of District Collector, Thiruvananthapuram certain conditions were laid down. Hence the Authority decided to return the proposal back to SEAC for clear-cut recommendation after ascertaining whether those conditions of District Level meeting have been implemented., if found pertinent.

The proposal was placed in the 72nd meeting of SEAC held on 08th & 09th May 2017. The Committee decided to defer the item for further clarification regarding the validity of the mining plan. The proponent has submitted the documents sought by the Committee.

The proposal was placed in the 75th meeting of SEAC held on 29th & 30th June 2017. SEIAA has referred back both the above cases to ascertain whether the proponent has implemented the decisions of the meeting taken by the District Collector. The Committee examined the matter and is of the opinion that the question of adherence to the decisions of a meeting taken by the District Collector is a matter to be looked into by district administration. But the Committee has noted that various apprehensions and complaints raised by different individuals/organisations are well taken care of in the mining plan and through other interventions that are being taken up by the proponent in the locality. Hence as recommended earlier, EC can be issued after on completion of proceedings against violations already pointed out and subject to other conditions already proposed.

The proposal was placed in the 73rd meeting of SEIAA held on 15th September 2017. The proponent has submitted a representation stating that the area is a fresh one and no mining has started and the question of violation does not arise. Hence SEIAA decided to return the proposal to SEAC and decide whether the project comes under the scope of violation in the light of the representation, if necessary after hearing the proponent.

The proposal was placed in the 80th meeting of SEAC held on 11th October 2017. The Committee examined the points raised by SEIAA in its 73rd meeting and observed that as detailed in the relevant portion of the minutes of the 68th meeting of SEAC that the lease area under consideration is contiguous to many other lease areas in the locality. Therefore as detailed therein there was a violation with respect to MoEF Notification 27.01.1994. It is also pointed out that the violation is always against the action of the company but need not be always for a particular action in the proposed site. It is also pointed out that as of now the validity of 14.03.2017 MoEF Notification regarding violation has expired and as such there are no standing instructions in this regard. The only action that can be initiated against violation is to take action under Environment Protection Act, 1986.

The Authority decided to conduct a site inspection by SEIAA to ascertain whether the proposed site is contiguous with the other two mining site owned by the proponent where there are reported violation

Item No: 75.22 Environmental clearance for proposed Common Biomedical Waste Treatment facility at Survey Nos. 4410/2.2,2.3, 4411/1& 2.2 Peringamala Village, Nedumangadu Taluk & Trivandrum District, Kerala by Dr.A. V. Jayakrishnan, State President, M/s Indian Medical Association Goes Eco-friendly (IMAGE) (File No. 1059/SEIAA/EC1/1083/2016)

Dr. A. V. Jayakrishnan, State President, M/s Indian Medical Association Goes Eco-friendly (IMAGE), IMA State Headquarters, Anayara Post, Thiruvananthapuram Taluk, Thiruvananthapuram District, Kerala, vide his application received on 20.06.2016 has sought Terms of Reference (ToR) for the EIA study for the Common Biomedical Waste Treatment facility at Survey Nos. 4410/2.2,2.3, 4411/1& 2.2 Peringamala Village, Nedumangadu Taluk & Trivandrum District, Kerala. It is inter alia, noted that the project comes under the Category B, 7(da) of Schedule of EIA Notification 2006.

The application for ToR was placed in 58th meeting of SEAC held on 28/29th June 2016, since the proponent didn't turn up for the meeting and deferred for next meeting. Again 59th meeting of SEAC held on 11th and 12th July, 2016 considered the proposal and appraised the Terms of Reference (ToR) and deferred the item to the next meeting to finalize the Terms of Reference (ToR).

Thereon the application was considered in the 62nd meeting of SEAC held on 06/07-09-2016. The Committee appraised the Terms of Reference (ToR) and decided to suggest the standard ToR issued by MoEF for similar projects for conducting the EIA study.

The proposal was again considered in the 60th meeting of SEIAA. The Authority resolved that the Terms of Reference (ToR) suggested/approved by SEAC may be communicated to the project proponent. The proponent has submitted EIA report.

The proposal was considered in the 66th meeting of SEAC, Kerala, held on 19th December, 2016. Further to the intimation of SEAC, the Proponent and Consultant attended the meeting. The Committee appraised the proposal based on Form 1, Form 1 A and all other documents submitted with the proposal. The Committee observed that the proposed site is in an ESA village where there is prohibition for setting up biomedical waste treatment plants envisaged in the application. Hence decided to recommend to reject the application.

The proponent submitted a request to Secretary, SEAC regarding the proposed project (CBWTF) at Palode not coming under the purview of Kasthuri Rangan Report. The request is attached in the C.F.

The proposal was placed in the 68th meeting of SEAC held on 20th & 21st February 2017. The Proponents were explained the provisions of the MoEF Notification F. No. 1-4/2012 - RE (Pt.) dated 13.11.2013 which effectively prohibits the establishment of the proposal in a ESA village. Peringamala is a notified ESA Village and hence the Committee explained to the proponents its inability to recommend the proposal.

Authority considered the proposal in its 66th meeting held on 07.04.2017. The Authority decided to accept recommendation of SEAC to reject the proposal as per the 66th and 68th minutes of SEAC.

A letter (Letter No.2593/B2/12/Envvt dt.20.07.2017) was then received from Environment Department requesting to report whether EC could be given to the proposed project by treating it as a pre Kasthurirangan case.

The proposal was placed in the 75th meeting of SEAC held on 29th& 30th June 2017. The Committee examined the query raised by the Govt. and decided that an appropriate reply in the matter can be given by SEIAA itself.

In the meantime Chief Minister had called for a meeting with the Environment, Health & LSGD Officials and has directed SEIAA to take a decision whether these case can be considered as a Pre-Kasturirangan case. The application for EC was received on 20.06.2016, which was after Kasturirangan Report.

The proposal was placed in the 73rd meeting of SEIAA held on 15th September 2017. Authority decided to obtain clarification from the Pollution Control Board regarding the status of the proposal ie, whether it belongs to Red or Orange category.

IMA has produced the copy of the circular of Pollution Control Board (No.PCB/T4/115/97 dated 05.10.2017) categorizing Biomedical Waste Treatment Facility under Orange Category. The proposal was placed in the 74th meeting of SEIAA held on 09th October 2017. Authority decided to refer the matter again to SEAC for consideration at the earliest.

The proposal was placed in the 80th meeting of SEAC held on 11th October 2017. In view of the fact that Common Biomedical Waste Treatment Facility has been taken out of 'Red Category' of industries by the State Pollution Control Board Vide Circular No.PCB/T4/115/97 dated 05.10.2017. The Committee after considering the Form 1 application and all other relevant record decide to approve the Standard Terms of Reference for Common hazardous waste treatment, storage and disposal facilities (TSDFs); as amended hereunder as the ToR for conducting the EIA study.

- 1. The proponent shall also produce a copy of the valid accreditation of the consultant retained for EIA study.*
- 2. The alternative sites identified and comparison for choosing the present one should be justified based on methods and criterion for site selection for both from the functional and environmental point of view.*
- 3. Details of catchment area and human habitat.*
- 4. All necessary permissions shall be obtained.*
- 5. There should no ESZ and water body.*
- 6. The Public Hearing is required even if the project is in notified industrial area, since, it is an activity which would handle the biomedical waste also.*

7. *Reasons for selecting the site with details of alternate sites examined/rejected/selected on merit with comparative statement and reason/basis for selection. The examination should justify site suitability in terms of environmental damages, resources sustainability and community resistance associated with selected site as compared to rejected sites. The analysis should include parameters considered along with weightage criteria for shortlisting selected site.*
8. *Submit the criteria for assessing waste generation and area to be catered by the proposed project.*
9. *Submit a copy of the layout plan of project site showing Biomedical waste storage, green belt (width & length, 33% of the project area), all roads, prominent wind direction, processing plant & buildings etc. should be provided.*
10. *Submit a copy of the land use certificate from the competent authority. Submit a copy of the status of ambient air quality and surface and ground water quality, soil type, cropping pattern, land use pattern, population, socio-economic status, anticipated air and water pollution.*
11. *Submit the details of the road/rail connectivity along with the likely impacts and mitigative measures.*
12. *Examine the details of transportation of wastes, and its safety in handling.*
13. *Examine and submit the details of on line pollutant monitoring.*
14. *Submit details of measures to be taken for control of air pollution including measures to control emission of Dioxin and Furan.*
15. *MoU for disposal of ash through the TSDF.*
16. *MoU for disposal of scrubbing waste water through CETP.*
17. *Examine and submit details of monitoring of water quality around the landfill site.*
18. *Examine and submit details of the odour control measures.*
19. *Examine and submit details of impact on water body and mitigative measures during rainy season.*
20. *Environmental Management Plan should be accompanied with Environmental Monitoring Plan and environmental cost and benefit assessment. Regular monitoring shall be carried out for odour control.*
21. *Examine and submit details of possible impact on the ground water.*
22. *Submit details of a comprehensive Disaster Management Plan including details of fire safety measure, emergency evacuation during natural and man-made disaster.*
23. *Submit details of nearest biomedical waste treatment facilities.*
24. *If the area is within 10 km of the protected area, proof of having applied for applying Wild Life Clearance shall be produced.*
25. *If the access road of the site is through the forest, NOC from the forest Department should be obtained.*
26. *Details of measures taken to comply with the provisions of the Biomedical Waste Management Rules, 2016.*

Authority decided to approve the ToR as recommended by SEAC and to intimate the proponent accordingly.

Item No. 75.23 Environmental clearance for Housing Project titled ‘Sobha Silver Sand’ at in Sy. Nos. 492, 493, 495/1, 495/2, 495/3, 495/4, 496, 497, 498, 499, 500, 501/1, 501/2, 502, 503/1, 504/1, 504/2 at Nadama Village, Kanayannur Taluk, Ernakulam District, Kerala by M/s Sobha Developers Ltd. (File No. 412/SEIAA/KL/2912/2014)

Sri. Ramakrishnan Prabhakaran, authorized signatory of M/s Sobha Developers Ltd. vide his application received on 19.06.2014 seeking environmental clearance under the EIA Notification, 2006 for housing project in Sy.No 492, 493, 495/1, 495/2, 495/3, 495/4, 496, 497, 498, 499, 500, 501/1, 501/2, 502, 503/1, 504/1, 504/2 at Nadama Village, Kanayannur Taluk, Ernakulam District, Kerala. It is inter alia, noted that the project comes under the Category B, 8(a) of Schedule of EIA Notification 2006. No forest land is involved in the present project.

It is proposed to construct 500 apartments with swimming pool, club house and first aid facility within the site. The total plot area of the proposed project is 2.3274 hectare (23,273.85 m²) and the total built-up area is 1,20,479.36 m². The maximum height of building is 92.8 m. The total power requirement is 6253 kWh which will be sourced through Kerala State Electricity Board. Total project cost is Rs.500 Crores.

The 33rd SEAC meeting held on 2-3 Sept. 2014 analysed the proposal. The Committee was informed that the Kochi Metro project is coming in front of the present project site and the electricity facility for the project will be done through underground. It is apprehended that if sewage from the project site reaches the nearby thodu, which is a navigable one, it may create eutrophication.. The committee was apprehensive of the occurrence of mangrove in the Silver Sand Island area and the item was *deferred for site visit* and verify the following additional clarifications/documents from the proponent for further consideration of the proposal:

1. Revised proposal on CSR activities extending the same to the vicinity of the project site, especially concentrating on the BPL families. The area (locating) and the institutions to which the same shall be extended should be clearly specified. The amount set aside towards the same should be mentioned specifically with respect to each activity.
2. Details on the measures taken to prevent sewage flow into the nearby water body and the measures taken for catering to the water requirements of the present project.

The additional clarifications sought for were submitted by the proponent on 17-03-2015.

The field inspection to the proposed building project site conducted on 23.09.2014 by Dr. N G K Pillai, Sri. Eapen Varughese and Sri. John Mathai.

The 39th SEAC appraised the proposal on the basis of the application, conceptual plan, documents submitted and field visit report. The Committee noticed that proposed areas is on the southern side of an island called 'Silver Island' which is normally influenced by tidal water and presence of typical mangrove species indicates that the area falls under CRZ. The Committee also found that a dependable source of water should be provided by the proponent since the reported TDS value of ground water is high. The waste water treatment facility mentioned in the application is not so clear and hence may provide a detailed plan to be adopted for waste water treatment.

Based on the above, the Committee decided to direct the proponent to produce approved building and connected plans from the concerned authorities incorporating the suggestions noted below so as to recommend to SEIAA for according final EC.

1. CRZ clearance from KCZMA.
2. Based on the reported TDS value saline intrusion is noticed. Hence provision for dependable source of water should be provided.
3. The facilities to be adopted for waste water treatment should be adequate so as not to cause contamination in the nearby water bodies.
4. Should provide sufficient setback from the extra high tension line passing through the proposed area

In the case of construction projects insistence of approved building plan is not feasible in so far as production of E.C is necessary for approval of building plan as per Rule 23 .4(a) of the Kerala Building Rules introduced by SRO No. 80/2013 dated 5-2-2013 which states that

“In the Buildings and Construction projects having built-up area not less than 20,000 sq. metres and other activities as specified in the schedule to the Notification No. S.O.1533 (E) dated the 14th September, 2006 and amendments thereto, issued by the Ministry of Environment and Forests, Government of India require prior environmental clearance from the State Level Environment Impact Assessment Authority (SEIAA) Kerala/Ministry of Environment and Forests, the Local Self Government Institution shall not issue permit without ensuring a valid prior environmental clearance.”

In view of the amendment to Para (3) of appendix V of 2006 notification issued vide SO 3067 dtd 1.12.2009 the Committee reviewed its decision taken in its 39th meeting on 2nd July 2015 in its 42nd meeting.

The Committee observed that even though the applicant in the Application indicated that the area is outside CRZ area, the area support mangroves and the salinity is also on the higher side indicating tidal activity and hence SEIAA may obtain recommendations from the KCZMA before issuance of EC. After detailed discussions the Committee decided to

recommend for issuance of EC along with following specific conditions over and above the recommendations, if any, by the KCZMA.

1. Since the area is subjected to saline intrusion provision for dependable source of water should be provided.
2. The facilities to be adopted for waste water treatment should be adequate so as not to cause contamination in the nearby water bodies.
3. Should provide sufficient setback from the extra high tension line passing through the proposed area.
4. Adequate precautions for disaster management should be inbuilt in the plan.
5. Carbon foot print of the project should be reduced to the maximum extent possible.

Sri John Mathai, Member, SEAC suggested a reappraisal based on the revised conceptual plan incorporating the recommendation of KCZMA. Committee considered the suggestion but it was observed that even if the recommendation of the KCZMA is to downsize the project there will not be any reason to dilute the specific conditions prescribed above. Hence the above suggestion was overruled by a majority.

In cases under CRZ is applicable, the KCZMA has to furnish recommendations on CRZ, based on which an integrated EC is to be issued. Proponent has to submit CRZ clearance.

The proposal was placed in the 40th meeting of SEIAA held on 03rd& 04th August 2015. The Authority examined the case with reference to rules. The CRZ notification S.O 19 (E) dated 6-1-2011 in Rule 4.2 (ii) stipulates that for projects attracting EIA notification 2006, the concerned Coastal Zone Management Authority (CZMA) shall examine the documents in accordance with the approved Coastal Zone Management Plan and in compliance with the CRZ notification and make recommendations within a period of 60 days from the date of receipt of completed application to the State Environment Impact Assessment Authority. As per Rule 4.2 (iii) SEIAA shall consider such projects for clearance based on the recommendation of the concerned CZMA within a period of 60 days. This position has been further clarified in O.M. No. 11-83/2005 –IA-III dated 8-2- 2011 of the MoEF. In cases where CRZ is applicable, the KCZMA has to furnish recommendations on CRZ, based on which an integrated EC is to be issued, if fit for clearance. Proponent has to obtain CRZ clearance of KCZMA and submit to SEIAA.

The proponent has submitted a letter from KCZMA (letter dt.4814/A2/15/KCZMA dt.05.10.2017).

Authority accepted the recommendation of SEAC and decided to issue EC subject to the general conditions along with the following specific conditions over and above the recommendations, if any, by the KCZMA.

1. Since the area is subjected to saline intrusion provision for dependable source of water should be provided.
2. The facilities to be adopted for waste water treatment should be adequate so as not to cause contamination in the nearby water bodies.
3. Should provide sufficient setback from the extra high tension line passing through the proposed area.
4. Adequate precautions for disaster management should be inbuilt in the plan.
5. Carbon foot print of the project should be reduced to the maximum extent possible.

The proponent should submit the proof for having applied for Wild Life Clearance Certificate. 2% of the total project cost should be set apart for CSR activities in consultation with the local panchayat. A notarised affidavit for the commitment of CSR activities and also agreeing all the general and specific conditions should be submitted before the issuance of EC.

As the project has a height of 92.8 m sanction from the Airport Authority and Fire Safety Department should be obtained before the issuance of EC.

Item No:75.25 Court Cases

1) Direction in WP(C) No. 29386 /2017 dated 26.10.2017:

Sri. Tomy Abraham, Owner, M/s Manimaleth Crusher Industries, vide his application received on 02-08-2013, has sought Environmental Clearance for the building stone quarry project in Sy. Nos. 781/1-23-1 & 781/1-23-2 at Athikkayam Village, Ranni Taluk, Pathanamthitta District, Kerala for an area of 4.2755 hectares.

The proposal was finally placed in the 44th meeting of SEIAA on 13 Nov 2015 and EC was granted vide proceedings no. 121/SEIAA/EC4/2200/2014 dated 23.12.2015, subject to specific and general conditions, with a validity of 5 years.

The proponent, Sri. Tomy Abraham has filed WP(C) No. 29386 /2017 before the Hon. High Court praying that the Hon. Court may please to stay Exbt.P 18 (Order no. C2-270/17 dated 21.08.2017 of the Secretary, Naranamoozhi Grama Panchayat, rejecting permission for quarrying) and permit the petitioner to operate the quarry of the petitioner. It may be seen that SEIAA is 3rd Respondent in the above WP(c).

As per fax /email message dated 26.10.2017, the Hon High Court has directed “ .. the 3rd Respondent, SEIAA to file a report stating that State Environment Impact Authority to file a report stating that whether the petitioner had complied the condition of

3,7,35,38 of Ext. P6* order . The 3rd respondent shall file a report after conducting inspection within a period of 10 days .”

(EC had been issued to the petitioner vide proceedings no. 121/SEIAA/EC4/2200/2014 dated 23.12.2015)

Authority decided to authorize the Chairman and Member to conduct a site inspection of the said quarry within 10 days inorder to comply with the court orders and submit the report in the next SEIAA meeting. It was decided to request the Hon’ble High Court to extend the time limit from 10 days to 20 days.

2) Puliyananickal Granites - WP(C) No. 12018/2016

In WP(C) No. 12018/2016 filed by Pulianickal Granites represented by its Managing Partner Smt.Betty& Others in their impleading petition I.A.No.16581/2017 personally impleaded the Sub-committee members Dr.K.G.Padmakumar, Dr.OommenV.Oommen, Sri John Mathai and Sri George Chackacherry, deputed by SEIAA as per the Court Order, as additional respondents in the W.P.

Since the above respondents in the WP were members of the Sub Committee constituted as per court direction and had performed duty in their official capacity as members of SEAC, SEIAA decided to request AG to defend the case for and on behalf of the Member Secretary, SEIAA as well as the members of SEAC, i.e. the 30th, 33rd, 34th, 35th, 36th respondents of the above writ petition. It was also decided to engage a Standing Counsel for SEIAA in case AG refuses to attend the case.

Item No.75.26 Personal Hearing – Complainants of Reena Metals

EC has been issued to M/s. Reena Metals, Kannur, as per Proceedings No. 210/EC4/221/2014/SEIAA dated 17.01.2017. The project proponent has now informed that the readings of Geo Coordinates was erroneously furnished by their consultants as 12⁰03’14.97”N to 12⁰03’12.28” N & 75⁰45’13.32”E to 75⁰54’09.61”E and that this human error may kindly be amended as 12⁰03’39.94.97”N to 12⁰03’39.14” N & 75⁰45’58.95”E to 75⁰45’54.41”E and EC may be issued with corrected Geo Coordinates.

The matter was placed in the 73rd meeting of SEIAA and was decided to conduct a site inspection by the Chairman and Member to verify Geo Coordinates on the basis of the Stop Memo issued by Geologist and complaint received at SEIAA. Accordingly the site inspection was conducted by SEIAA Chairman and Member on 03 October 2017. The Expert Committee member Sri. John Mathai had already verified and found that the Geo Coordinates of the site is 12⁰03’39.94.97”N to 12⁰03’39.14” N & 75⁰45’58.95”E to 75⁰45’54.41”E, as stated in the revised mining plan furnished by the proponent. The Chairman and Member, SEIAA also verified and agreed to the findings of Expert Committee member regarding Geo Coordinates. During the inspection, SIEAA members had also found that the quarry is not functioning at present.

Sri. Joseph Chandy, Pallikkunnu has submitted a complaint dated 08.09.2017 alleging that M/s. Reena Metals has misled SEIAA by submitting false details and survey plan to

obtain EC and that they are operating quarry on all days from 6 am to midnight, overlooking all prevailing rules, even in Sy nos. 179,1293 and 237 which do not have permission. He has also informed that he has also filed appeal in NGT vide appeal no. 24/2017 SZ, in which SEIAA is second respondent. The above complainants had been offered an opportunity for hearing on 07.10.2017 and they had been intimated well in advance. However, they have informed via email that they have received intimation only on 03.10.2017 and that they are unable to appear for hearing on such short notice. They have therefore requested another opportunity for hearing.

Authority decided to give a final opportunity of hearing to the complainants in the next SEIAA meeting scheduled to be held on 28.10.2017 and also inform the complainant in an early date.

The complainants were intimated vide Letter No.3769/EC/SEIAA/KL/2017 dt.10.10.2017 for personal hearing. They attended the meeting and their grievances were recorded.

Authority decided to get clarification from District Surveyor, whether all the sketches submitted by the proponent are the same and if there is any material difference in the sketches. Authority also decided to give a personal hearing to the proponent in the next SEIAA meeting scheduled to be held on 16.11.2017.

Item No:75.27 General Items

1. **Representation from Sri. K. Kunhimoyin and Sri. Poolankandy Abdul Razack:**

The petitioners has stated that though then proposal was considered in the meeting on 28.04.2017 and was decided to issue EC, the same has not been issued till date for want of legal opinion. They have therefore requested that EC may be issued.

Authority decided to take a decision on the request as soon as legal opinion from the AG is received.

2. **Complaint from John Paul Louis :**

Sri. John Paul Louis has forwarded a complaint to SEIAA regarding construction activity of M/s. Artech Realtors (P) Ltd at Kottukal Village, Neyyatinkara. The complainant has requested that the Authority may prevent the respondents (AWH Hospitality Ltd. and Artech) from carrying out the construction in the property in violation of CRZ Regulations and also to stop them from carrying out illegal removal of earth from the cliff area without necessary mining permit based on the order of the SEIAA, Kerala. He has also forwarded a copy of the Quick Verification Report of Dy. Supdt of Police, V&ACB sent to the Director of Panchayath, Thiruvananthapuram.

Recommendation No. 1 of the QVR is as follows :

The authority may take immediate steps to cancel the building permit issued by Secretary, KottukalGramapanchayat on 30.08.2016 to Artech Realtors (P) Ltd. for the construction at Adimalathura.

It may be seen that a copy of the above report has not been forwarded to SEIAA by VACB, nor has the Director of Panchayats requested SEIAA to take any action on it.

Environment Clearance was issued by SEIAA for the proposed Hotel cum Apartment Project of M/s. Artech Realtors Ltd. at Kottukal Village, NeyyatinkaraTaluk, Thiruvananthapuram, vide proceedings no. 221/SEIAA/KL/329/2014 dated 07.05.2014. It has been noted in the EC granted that the project site is within 500m radius Lakshadweep Sea and that Construction should not be made where provisions of CRZ notification 2011 applies, in cases of dispute, decisions of KCZMA shall prevail and that the cliff area should be kept undisturbed, protected and a setback distance of 50m should be made from it.

A copy of the complaint had been forwarded to Member Secretary, DEIAA, Thiruvananthapuram and a reply has been furnished by him, along with a copy of the report on the same prepared by the Geologist & Member Secretary, DEAC, Thiruvananthapuram. The Geologist & Member Secretary DEAC, Thiruvananthapuram has reported that SEIAA has issued EC vide proceedings no. 221/SEIAA/KL/329/2014 dated 07.05.2014 and that he has no authority to enquire whether the conditions imposed by SEIAA in the above EC issued have been violated either as Member Secretary, DEAC or as Geologists.

Authority decided to refer the complaint to District Collector for a report.

3.Approval of Expenditure Statement :

Expenditure statements upto 30.09.2017 placed before SEIAA was approved.

4. Appointment of an Office Attendant in SEIAA

Authority authorised the Administrator to appoint an Office Attendant from the nearby Kudumbasree on dailywages.

Sd/-
Dr.K.P.Joy
Chairman

Sd/-
Dr.J.Subhashini
Member

Sd/-
Shri.James Varghese I.A.S
Member Secretary