

MINUTES OF 33RD MEETING OF SEAC KERALA HELD ON 2ND & 3RD SEPTEMBER 2014, AT HARITHASREE HALL, DoECC

On day 1, 2nd September 2014, the meeting commenced at 9.30 am with Dr. N.G.K. Pillai in the chair. The list of the Committee members who attended the meeting and the proponents is annexed.

Chairman, SEAC welcomed all the members. The Committee stated that its tenure of three years is about to expire on 3rd November 2014 and hence requested SEAC/SEIAA Secretariat to inform the State Government for its reconstitution.

The members shared the matters discussed in the informal meeting of SEAC and SEIAA held on 22nd August 2014 with Dr. Nivedita P. Haran as the new Member Secretary of SEIAA on the constitution, duties and responsibilities of SEIAA and SEAC, procedure of processing applications for Environmental Clearance (EC), the acute shortage of staff strength for facilitating SEAC/SEIAA activities, etc. among other things. The Committee recalled the suggestion made by the new Member Secretary SEIAA to levy a one time processing fee for environmental clearance, to engage project assistants for assisting day to day activities of SEAC/SEIAA and to meet their emoluments from the said processing fee. The Committee requested Secretary SEAC to take up the matter with the Government under his capacity as the Member Secretary of SEAC/SEIAA. The Secretary SEAC reciprocated that a proposal for realising one time processing fee for environmental clearance applications was already submitted to Government of Kerala, which is still pending with Government, and a fresh proposal shall be submitted to the Government immediately.

The Committee also looked into the concern of SEIAA that while ascertaining the proof of ownership of land at present by SEAC, only land tax receipts are taken into consideration. As per the opinion of Member Secretary, SEIAA, land tax receipt is not always an authentic document to prove the ownership of land and that either possession certificate/extract of thandapper register or copies of sale deed should be sought from the proponent. SEAC accepted the suggestion and decided to follow the same henceforth in all cases regarding proof of ownership of land. The Committee was also informed of the concern of SEIAA in permitting quarrying of granite below ground level in many cases. The Committee at this point opined that, considering the environmental sustainability and taking into account the location and topography of the project site, extraction of resources below ground level is viable in some cases, and may vary case by case.

Thereafter, the following agenda items were taken up for consideration:

Item No. 33.01 Confirmation of the minutes of the 32nd SEAC meeting, held on 12th & 13th August 2014 at Harithasree Hall, Department of Environment and Climate Change, Thiruvananthapuram

Minutes confirmed. The Committee further decided that the draft minutes of the meeting shall be circulated to all the members for remarks and in turn the members have to furnish the same within two days by email. If no reply is furnished within those two days, it may be presumed that the contents of the minutes are agreed.

Item No. 33.02**Action taken report on the decisions of the 32nd SEAC meeting**

The Committee remarked that the minutes of 32nd meeting could have been uploaded in the website faster.

Item No. 33.03**Environmental clearance for Housing Project (Sobha Rio Vista) in Sy. Nos. 159/28B (p) at Calicut, Feroke Petta (Chandhakadavu), Feroke Village and Panchayath, Kozhikode Taluk, Kozhikode District, Kerala by M/s Sobha Developers Ltd. (File No. 371/SEIAA/KL/2611/2014)**

The project proponent attended the meeting and the consultant made a brief presentation of the project. The Committee asked the proponent as to why there is a correction in the name of the applicant in the CRZ status report. To this end the proponent stated that the project is a joint venture between M/s Sobha Developers Ltd. and the land owner who is UK based. The name of the owner has been changed to M/s Sobha Developers Ltd. on execution of the joint venture agreement and hence the correction in the name of the applicant, which is made by the concerned authority. The proponent is directed to provide a copy of the joint venture agreement. The Committee further observed that the cadastral map provided by the proponent is not original since the markings on the same are not seen made by the concerned authority and is hence directed to provide the same. SEAC further observed with concern for the proposal of three basement floors below the ground level. The Committee opined that as per the bore hole data the nature of soil is clayey and the N values being greater than 20 shows the tendency for high liquefaction. The Committee reiterated that the area being prone to earthquake with earlier precedences of the same, the construction of only two basement floors is permissible with respect to the topography and ground water regime of the project site and taking into account of the possibility of deficiency of oxygen in the basement floors in the absence of proper mechanical ventilation. To this end, the structural engineer of the project informed that they are providing sufficient supporting structures and mechanical ventilation to address the concerns as pointed above. The Committee directed the proponent to provide the details on the same with proper drawings incorporated in the plan.

The Committee observed that the project site falls within the CRZ III area and hence recommendations from KCZMA is required. Further, the Committee sought detailed plan regarding the fire fighting facilities proposed to be installed as part of the present project, since the height of the building exceeds 60 m.

Considering the above and further to the information provided by the proponent on the queries raised by the Committee, the item is DEFERRED FOR SITE VISIT and seeking the following additional clarifications/documents from the proponent for further consideration of the proposal:

1. Copy of the joint venture agreement between M/s Sobha Developers Ltd. and the land owner of the present project site.
2. Original cadastral map of the project site.
3. Revised plan showing the provisions made for mechanical ventilation & for supporting the structures of basement floors. In the said plan, the set back stipulated as per Rule 37 (5) of KPBR and the minimum width of 7 m for the drive way should also be demarcated.
4. Details regarding the quantity of removal of ordinary earth and its utilization.
5. Details on the provisions made for ultra filtration and additional aeration of treated sewage water.
6. KCZMA recommendations.
7. Detailed plan regarding the fire fighting facilities proposed to be installed as part of the present project.

Item No. 33.04

Environmental clearance for IT Building Cum Campus (Technology Project) in Sy. Nos. 8 (part), 9(part),10(part) at Andoorkonam Village and Panchayath, Thiruvananthapuram Taluk, Thiruvananthapuram District, Kerala by Mr. Vijayaraghavan Gopala Pillai for Suntec Infrastructure Pvt. Ltd. (File No. 372/SEIAA/KL/2612/2014)

The project proponent attended the meeting and the consultant made a brief presentation of the project. The Committee found that the proponent has not provided the master plan of proposed technocity and stated that the same is essential for the assessment of water facility and other general requirements of the project.

Further to the information provided by the proponent on the queries raised by the Committee, the item is DEFERRED FOR SITE VISIT and seeking the following additional clarifications/documents from the proponent for further consideration of the proposal:

1. Master plan of proposed Technocity.
2. Provide benches at the steep cutting portion to maintain stability.
3. The soil profile data of the entire plot along with the depth of the ground water table.
4. Clearance from the Airports Authority of India.
5. Details of heirarchy of roads of internal drive way.
6. The possibility of shifting the location of Rain Water Harvesting pond to the eastern most point may be explored.
7. Rule 37 (5) of KMBR should be maintained to provide sufficient set back.
8. Proper fire fighting facilities should be provided.

Item No. 33.05

Environmental clearance for the quarry project in Sy. Nos. 373/13, 373/15, 373/12, 373/8-2, 373/11, 373/11-1, 372/2, 372/2-1, 372/2-1-1, 372/1-2, 371/2, 371/1-1,371/1-2, 371/10 ,369.1, 369/19, 373/15, 372/26, 373/10 373/7P, 373/19P 374/16P 372/18, 372/19, 372/5, 372/7, 372/23, 371/3, 369/2, 370/12, 370/3, 370/14P, 369/20P, 369/22P, 369/16P, 369/23P, 370/1, 369/2-1 P 370/12-1 are patta lands and 372/2 Govt land Pallichal Village & Panchayath, Neyyattinkara Taluk, Thiruvananthapuram District, Kerala by M/s Kannamthanam & Co (File No. 375/SEIAA/KL/2615/2014)

The project proponent attended the meeting and the consultant made a brief presentation of the project. The Committee found that the proponent has not provided the contour plan of the entire project area and is hence directed to provide the same.

The Committee found that a detailed study and a public hearing is necessary since the project site is in the Mukkunnimala region.

Further to the information provided by the proponent on the queries raised by the Committee, the item is DEFERRED FOR SITE VISIT and seeking the following additional clarifications/documents from the proponent for further consideration of the proposal:

1. Contour plan of the entire project area.
2. Cadastral map demarcating the private land and government land included in the present proposal.
3. Access road should have a width of 7m

Item No. 33.06 **Environmental clearance for the quarry project in Sy. Nos. 73/1(P),75/5-1,75/5-2(P),74/1(P),78/4,74/6(P),74/3-2-1,74/3-4-1,74/3-1,74/3-2 and 74/6-1at Pallichal Village and Panchayath, Neyyatinkara Taluk, Thiruvananthapuram District, Kerala by Mr. K.J. Thomas Kutty, Mukkuni mala, Edakod. (File No. 376/SEIAA/KL/2616/2014)**

The project proponent attended the meeting and the consultant made a brief presentation of the project. The Committee found that the proponent has not provided the contour plan of the entire project area and is hence directed to provide the same. It was found that a detailed study and a public hearing is necessary since the project site is in the Mukkunnimala region.

Further to the information provided by the proponent on the queries raised by the Committee, the item is DEFERRED FOR SITE VISIT and seeking the following additional clarifications/documents from the proponent for further consideration of the proposal:

1. Contour plan of the entire project area.
2. Cadastral map demarcating the private land and government land included in the present proposal.
3. Access road should have a width of 7m.
4. Depth of mine to be limited.
5. Copy of lease order.
6. Report from a recognized laboratory on the water quality analysis of the project site.

Item No. 33.07 **Environmental clearance for expansion of shopping mall project at in Re- Sy. Nos. 21/1, 21/2, & 21/3 at Olavanna Village and Panchayath, Kozhikkodu Taluk, Kozhikkodu District, Kerala by Mr. Musliyarakoth Mehaboob for HILITE Realtors (India) LLP. (File No. 411/SEIAA/KL/2911/2014)**

The project proponent attended the meeting and the consultant made a brief presentation of the project. The project proponent stated that the first phase of the project is nearing completion and the present project is for expansion. The proponent has obtained Environmental Clearance from MoEF for the first phase. The Committee found that both the phases (Phase I and Phase II) are separate entities.

Further to the information provided by the proponent on the queries raised by the Committee, the item is DEFERRED FOR SITE VISIT to inspect the measures taken to comply with the conditions of the Environmental Clearance issued by MoEF, and also seeking the following additional clarifications/documents from the proponent for further consideration of the proposal:

1. A minimum buffer distance of 5 m should be left as No Development Zone to on all sides of the streams.
2. Rain water harvesting system should be provided to cater the water requirements.

Item No. 33.08 **Environmental clearance for Housing Project 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)**

The project proponent attended the meeting and the consultant made a brief presentation of the project. 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. The committee was apprehensive of the occurrence of mangrove in the Silver Sand Island area. The Committee, after examining the CSR suggested by the proponent, opined that the activities with respect to CSR should be done in the vicinity of the project area, especially concentrating on the BPL families and the amount set aside towards the same should be mentioned specifically with respect to each activity. The Committee raised its concern that if sewage from the project site reaches the nearby thodu, which is a navigable one, it may create eutrophication. The proponent may provide details on measures taken to prevent sewage flow in to the nearby water body and the measures taken for catering the water requirement of the project.

Further to the information provided by the proponent on the queries raised by the Committee, the item is 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 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 the water requirements of the present project.

Item No. 33.09 **Environmental clearance for the quarry project in Sy. Nos. 178/6, 178/7A, 178/7B3, 178/7B2, 178/7B1, 179/1-1, 179/8A1, 179/8A2, 179/8B1, 179/8B2, 179/8B3, 179/8A3/180/1-1, 180/1-2, 183/2-1 and 180/2-5 at Maneed Village & Panchayath, Muvattupuzha Taluk, Ernakulam District, Kerala by M/s R.M. Rocks & Sand (P) Ltd. (File No. 420/SEIAA/KL/2969/2014)**

The project proponent attended the meeting and the consultant made a brief presentation of the project. The Committee directed the proponent that proper fencing should be provided around the abandoned quarries and the abandoned quarry has to be reclaimed. As stated by the proponent, the nearby dwelling unit (wall of the building) is at a distance of 105 m from the boundary of the quarry. The proponent informed that there is only one pond in the proposed project site and that there is no litigation/complaint pending against the present project.

Further to the information provided by the proponent on the queries raised by the Committee, the proposal is RECOMMENDED FOR ENVIRONMENTAL CLEARANCE stipulating the general conditions for mining projects and with the specific condition that the already abandoned quarries should be reclaimed.

The appraisal report is approved by SEAC for forwarding to SEIAA.

Item No. 33.10 **Environmental clearance for the quarry project in Sy. Nos. 79/1-5-1(p), 79/1, 79/1/90, 79/1/91, 79/1/92, 79/1/83, 79/1/85 and 79/1/84 at Manjalloor Village & Panchayath, Muvattupuzha Taluk, Ernakulam District, Kerala by M/s St. Joseph Quarry (File No. 423/SEIAA/KL/2979/2014)**

The project proponent attended the meeting and the consultant made a brief presentation of the project. The Committee found that the present project is a new one and the project site is a virgin hill. It was also found that the slope of the area is more than 30 degree. As informed by the

proponent, there is no litigation/complaint against the proposed project. However, the Committee wanted to ascertain these and hence the item is DEFERRED FOR SITE VISIT.

Item No. 33.11 **Environmental clearance for the quarry project in Sy. Nos. 9/1,8/19,8/26,8/27 and 8/28 at Alakode Village, Edavetty Panchayath, Thodupuzha Taluk, Idukki District, Kerala by Mr. Renjith Jacob (File No. 429/SEIAA/KL/2989/2014).**

The project proponent attended the meeting and the consultant made a brief presentation of the project. As informed by the proponent, there is no litigation/complaint against the project. The Committee found that the proponent has not provided the soft copy of the basic information sought in the prescribed format and is hence directed to provide the same (in word 97 format). The Committee also found that the nearest dwelling unit of the present project site is under the ownership of another person who is the original land owner who has given the project site on lease to the proponent. The Committee asked the proponent as to whether they have any documentary evidence to prove the CSR activities done by them. To this end the proponent stated that so far they have not kept any documents with respect to the same. The Committee, at this point stated that some document should always be kept as evidence for the amount spent towards CSR.

Further to the information provided by the proponent on the queries raised by the Committee, the item is DEFERRED FOR SITE VISIT and also seeking the following additional clarifications/documents from the proponent for further consideration of the proposal:

1. Soft copy (in word 97 format) of the basic information/proforma on the salient features of the project.
2. Contour map of the area.

Item No. 33.12 **Environmental clearance for the quarry project in Sy. Nos. 247/1-1,247/10,247/11-2 and 247/11-3 at Ayyampuzha Village & Panchayath, Aluva Taluk, Ernakulam District, Kerala by M/s Pynadath Stone Quarry (File No. 430/SEIAA/KL/2990/2014)**

The project proponent attended the meeting and the consultant made a brief presentation of the project. As informed by the proponent, there is no litigation/complaint against the project and there is no crusher unit associated with the quarry. Habitation is at a distance of more than 100 m and the nearest quarry is about 300 m away from the project site. The proponent has informed that the nearest canal is about 55 m from the quarry. The Committee stated that quarrying cannot be permitted below the level of the canal. The Committee found that the proponent has not provided the soft copy of the basic information sought in the prescribed format and is hence directed to provide the same (in word 97 format).

Further to the information provided by the proponent on the queries raised by the Committee, the item is DEFERRED FOR SITE VISIT and also seeking the following additional clarifications/documents from the proponent for further consideration of the proposal:

1. Soft copy (in word 97 format) of the basic information/proforma on the salient features of the project.
2. Contour map showing the level of the canal, project area and its surroundings.

Item No. 33.13 **Environmental clearance for the quarry project in Sy. 78/2A at Kumaranalloor Village, Karassery Panchayath, Kozhokeode Taluk, Kozhikode District, Kerala by M/s Parathode Granites Pvt. Ltd. (File No. 432/SEIAA/KL/2992/2014)**

Proponent absent. Hence DEFERRED and the project proponent shall be communicated to attend the SEAC meeting on intimation, failing which the application shall be delisted.

Item No. 33.14 **Environmental clearance for the quarry project in Sy. 511/6, 511/7, 510/1-2, 510/2-4, 510/2-2, 510/1-2, 510/2-4, 510/2-2, 510/1-2, 510/2-3, 510/1-2 at Vengoor west Village, Mudakuzha Panchayath, Kunnathunadu Taluk, Ernakulam District, Kerala by K.K.Issac (File No. 434/SEIAA/KL/2994/2014)**

The project proponent attended the meeting and the consultant made a brief presentation of the project. The Committee found that there is a purambokku land and purambokku road adjacent to the project area. The present area is a purchased land.

Further to the information provided by the proponent on the queries raised by the Committee, the proposal is RECOMMENDED FOR ENVIRONMENTAL CLEARANCE stipulating the general conditions for mining projects and with the following specific conditions:

1. Dust suppression mechanisms must be enforced since the present PM₁₀ values are high indicating a dusty environment.
2. Ultimate depth of mining should not be below 55 m AMSL.

Item No. 33.15 **Environmental clearance for the quarry project in Sy. Nos. 31/1 Part-1 & 2 Block-33 Kalanjoor Village & Panchayath, Adoor Taluk, Pathanamthitta District, Kerala by M/s Darshan Granites (P) Ltd (File No. 435/SEIAA/KL/2995/2014)**

The project proponent attended the meeting and the consultant made a brief presentation of the project. The Committee found that the lease area is only 4.07 hectare and a crusher unit is also associated with the project. There is a forest land at a distance of about 500 m from the project site. The Committee directed the proponent to provide a buffer distance from the forest land. As informed by the proponent, there is no litigation/complaint against the project. But the Committee directed the proponent and decided to request the District Collector, to provide details regarding the litigation specified in the NOC.

Further to the information provided by the proponent on the queries raised by the Committee, the item is DEFERRED FOR SITE VISIT and also seeking the following additional clarification/document from the proponent for further consideration of the proposal:

1. Details regarding the litigation specified in the NOC issued by the District Collector.

Item No. 33.16 **Environmental clearance for proposed apartments (Silver Linden) Project (Sobha Rio Vista) in Sy. Nos. 208/1A at Panniyankara Village, Kozhikode Taluk, Kozhikode District, Kerala by M/s Malabar Highview Builders Pvt. Ltd (File No. 436/SEIAA/KL/2996/2014)**

The Committee found that M/s Malabar Highview Builders Pvt. Ltd. has earlier applied for obtaining environmental clearance on 16.02.2013 for the proposed apartments (Silver Linden) Project (Sobha Rio Vista) in Sy. Nos. 208/1A at Panniyankara Village, Kozhikode Taluk,

Kozhikode District, Kerala and the proposal was considered as agenda item no. 14.07 in the 14th SEAC meeting held on 6th April 2013. At that time itself the Committee found that the proponent has started construction without obtaining prior Environmental Clearance. As per the directions in O.M. No. J-11013/41/2006-IA.II(I) dt. 12.12.2012 of the Ministry of Environment and Forests, in violation cases credible action has to be taken and then only further processing of the application should be done. So the proponent was directed to stop the construction work immediately and file an affidavit stating that the violation has occurred and shall not be repeated in future. The Committee deferred the item for site inspection to assess the extent of violations for reporting to SEIAA to decide upon further action to be taken in the matter. Subsequently, a subcommittee of SEAC consisting of Sri. P. Sreekantan Nair, Secretary, SEAC; Dr. P. S. Harikumar, Dr. E. J. Joseph & Sri. John Mathai, Members of SEAC, inspected the site on 17th May 2013 FN. The matter was placed for reconsideration along with the field inspection report in the 17th SEAC meeting held on 6th July 2013 as Agenda item no. 17.14. Due to time constraints the item was deferred for consideration in the next meeting and hence was placed for consideration in the 18th SEAC meeting as agenda item no. 18.04. Further to the discussion on the site inspection conducted by the subcommittee of SEAC on 17th May 2013 especially to assess the extent of violations, it was found that the proponent has initiated the construction work with structure of two floors completed, and has thus violated the provisions of EIA Notification 2006. Hence it was decided to direct the proponent to submit a resolution passed by the Board of Directors of the firm stating that violation has occurred and shall not be repeated. The item was deferred seeking certain other additional clarifications/documents from the proponent. The decision of 18th SEAC meeting seeking additional clarifications was communicated to the proponent and it was also informed that if no satisfactory documents are received within 60 days of the said communication, the application shall be deemed withdrawn and will be delisted. Since the proponent failed to submit the additional clarifications within the stipulated time (i.e. before 08.12.2013), the initial application was delisted.

Now, the Committee found that the proponent has submitted a fresh application on the earlier proposal considered and delisted by SEAC. Since the proponent had earlier made a presentation on the project, the Committee stated that a fresh presentation on the already appraised project is not necessary. However, the Committee wanted to ascertain whether there is any fresh violation made by the proponent with respect to the present project and hence the item is DEFERRED FOR SITE VISIT.

Item No. 33.17 **Environmental clearance for the building stone quarry project in Survey Nos. 51/3 (p), 53/1 (p), 53/2 (p), 54/3 (p), 54/4 and 54/5 at Urangattiri Village, Ernad Taluk, Malappuram District, Kerala by M/s Malabar Bricks and Metals (File No. 437/SEIAA/KL/2997/2014)**

The project proponent attended the meeting and the consultant made a brief presentation of the project. Ultimate depth of should not be below 80 m. The approach road must be done by the proponent. As part of CSR the committed expenses of OP building of the primary Health Centre must be completely met by the proponent.

Considering the above, DEFERRED FOR THE SITE VISIT.

Item No. 33.18

Environmental clearance for the proposed building stone quarry project in Survey Nos. 354 (p), 354/1(p), 354/1-1(p) and 11/1/9(p) at Peragamanna Village, Ernad Taluk, Malappuram District, Kerala by M/s Bismi Granite Industries (File No. 441/SEIAA/KL/3033/2014)

The project proponent attended the meeting and the consultant made a brief presentation of the project.

- All the documents regarding the Thandapper Register should be provided
 - Narrow section with pond should not be mined.
 - Blasting time should be reduced to 2 times
 - Sleep cutting should be demarcated with fences and make free from quarrying.
 - Authentic documents pertaining to ownership of the proposed quarry area to be submitted.
- DEFERRED FOR SITE VISIT and seeking additional clarifications

Day II – 03.09.2014

The meeting commenced at 9 am with Dr. N.G.K. Pillai in the chair. The list of members present in the meeting is enclosed. The list of proponents appeared before the Committee is also enclosed. The following agenda items were appraised and decisions taken as follows:

Item No. 33.19

Environmental clearance for the building stone quarry project in Survey No. 83 (p) at Kumaranellur Village, Kozhikode Taluk, Kozhikode District, Kerala by M/s Ponoorppoyil Granites (File No. 442/SEIAA/KL/3034/2014)

The project proponent attended the meeting and the consultant made a brief presentation of the project. Life of mine is 10 yrs. A Crusher unit is also working with this quarry. Nearest habitation is at 150 m at North East side. Possession certificate were provided. The committee enquired whether the magazine installed in the area is an already abandoned one or not. The expert explained that the area is an undisturbed land. There are complaints against the Sy. Nos under possession of the quarry. The land appears to be covered with forest & hence the committee opined to submit copy of original title deed, Thandapper Register & other documents regarding the ownership of land. The documents proving CSR activities should be with the Proponent and must be provided with compliance report. CSR activities should be concentrated on Community development and for development of social infrastructure and uplift of environment. As part of CSR activity the proponent should construct two toilets and water facility in the schools adjacent to the quarries. The land is unsurveyed one.

- Sy. Nos are not clear and also mentioned that as unsurveyed land.
- The ultimate depth should not be below 60 MSL.

Considering the above DEFERRED FOR FIELD VISIT to verify the boundary and extent of land. The streams flowing near the project area should be protected by the Project Proponent.

Item No. 33.20

Environmental clearance for Gas based combined cycle power plant phase -1 project at Puthencruz Village, Kunnathunad Taluk, Ernakulam District, Kerala by Kerala State Electricity Board (File No. 443/SEIAA/KL/3035/2014)

There is an existing Diesel plant of capacity 100 MW. This is an emission friendly project compared to coal based plant. The proposed plant is for 350-475 MW gas based combined cycle

power plant. Elevation is 15-35 MSL. Kadambayar river is at 250 m from the site. 33% of green belt will be covered in addition to the land area. Heat recovery is also possible through this project. Water requirement is from Kadambayar. R.O systems are used to purify the water before using since TDS in Kadambayar is very high. Details regarding this utilization of rejects from R.O must be provided. CSR component should be properly defined benefiting to the local people.

Modelling has already been done for the project. The emission of NO_x and SO₂ are very much worried. The consultant informed that NO_x and SO₂ are produced in a very trace quantity. The NO_x emission should be controlled and the technology should be adopted for that. The noise pollution is less compared to Diesel Power Plants. A huge quantity of water is withdrawing from Kadambayar and it is doubtful whether Kadambayar can provide this much water. The committee raised the apprehension that water in Kadambayar may become saline in summer and it may affect the project. The details regarding the ownership/possession of land should be provided. Additional studies regarding Cost- Benefit analysis is required. A report on power scenario and status report should also be included.

Considering the above DEFERRED FOR DETAILED STUDY OF TOR. It was decided to constitute a subcommittee with Shri. C.N. Mohanan as Chairman and Sri. John Mathai, two experts from NTPC, Kayamkulam plant as members for fixing TORs.

Item No. 33.21 **Environmental clearance for the proposed quarry project in Survey Nos. 1450/1, 1457/1, 1461/1, 1462/1,2, 1463/1,2, 1464/1 and 1465/1 at Madakkathara Village and Panchayath, Thrissur Taluk, Thrissur District, Kerala by M/s Mridhul Granites and Crusher Pvt. Ltd (File No. 451/SEIAA/KL/3125/2014)**

There is another quarry adjacent to this project under the partnership of the Project Proponent. This present project is in an undisturbed land & is a new quarry. A road was constructed to the project site before getting EC. The Project Proponent informed that it is for the purpose of rubber plantation. The life of mine is 10 yrs. The natural vegetation should be kept undisturbed. Copy of the title deed and Thandapper Register should be provided. Cadastral map of the area should also be provided, and hence the item is DEFERRED FOR FIELD VISIT.

Item No. 33.22 **Environmental clearance for the development of campus of Indian Institute of Information Technology and Management project in Survey Nos. 293, 308 (p), 309 (p), 210 (p) and 311(p) at Kurakkad, Veiloor Village, Thiruvananthapuram Taluk, Thiruvananthapuram District, Kerala by M/s Indian Institute of Information Technology and Management (File No. 459/SEIAA/KL/3181/2014)**

The entrance is from the proposed road within the Technocity. It is informed that the entrance/ exit details are not finalized. The proponent has not provided the basic information sought in the prescribed format. The area is likely to flood. There is a perennial stream within the site, and chance of occurring seasonal flooding may happen in the area. Deepening stream or dewatering may create problem. Some detailed study regarding the entry of water in the plot and also ensuring the water availability of the local people around the area should be made. A large scale map with all measurements and specification should be provided. The quantity of earth to be removed and the usage of removed earth should also be provided. Regarding the width of the road and traffic management more clarity is needed. Additional parking facility must be

provided. The general facilities provided by the technopark should also be indicated. A clarification on the nature of foundation may provided by the proponent.

DEFERRED FOR FIELD VISIT and for seeking the required details.

Item No. 33.23 **Environmental clearance for the granite building stone quarry project in Survey Nos. 253/2, 253/4-1, 253/4-2, 253/4-3, 253/4-4, 254/2, 255/7, 252/5, 252/6 and 252/7 at Rayamangalam Village, Kunnathunadu Taluk, Ernakulam District, Kerala by M/s Pavan Quarry and Aggregates Pvt. Ltd. (File No. 470/SEIAA/KL/3214/2014)**

Crusher is also with this project. Crusher unit is working for last 3 years. All private land. 25 acres of land. No human settlements on 3 sides. No complaints from local people. The proponent has not provided the basic information sought in the perscribed format. Nearest habitation is 107 m from the quarry site.

DEFERRED FOR FIELD VISIT.

Item No. 33.24 **EC application for removal of ordinary earth from Sy. No. 12/1 at Velookkara Village & Panchayath, Mukundapuram Taluk, Thrissur District, Kerala by Mr. Pradeep T.V. (File No. /SEIAA/KL/2993/2014) (Former item no. 32.50)**

In view of the apprehensions raised on regarding the terrain conditions and quantity of earth to be removed the item is DEFERRED FOR FIELD VISIT.

Item No. 33.25 **Environmental clearance for removal of ordinary earth in Re. Sy. No. 116/10-1 Block 31 at Vembayam Village, Vembayam Panchayath, Nedumangadu Taluk, Thiruvananthapuram District, Kerala by Mr. Madhu Kumar A S (File No. 446/SEIAA/KL/3119/2014)**

RECOMMENDED for issuance of Environmental Clearance on usual conditions for mining of brick earth/ordinary earth stipulated in O.M. No. L-11011/47/2011-IA.II(M) dt. 24.06.2013 of Ministry of Environment and Forests, for removal of 720 m³ of ordinary earth from the land comprised in Re. Sy. No. 116/10-1 Block 31 at Vembayam Village, Vembayam Panchayath, Nedumangadu Taluk, Thiruvananthapuram District, Kerala. The removed earth must be used for levelling the land in Sy. Nos. 40/3-1, 40/3 and 40/4 owned by Smt. Saraswathy Amma.

Item No. 33.26 **Environmental clearance for removal of ordinary earth in Re. Sy. No. 17/6-4 Block 25 at Nellanadu Village, Nellanadu Panchayath, Nedumangadu Taluk, Thiruvananthapuram District, Kerala by Smt.Asoka Kumari (File No. 447/SEIAA/KL/3120/2014)**

RECOMMENDED for issuance of Environmental Clearance on usual conditions for mining of brick earth/ordinary earth stipulated in O.M. No. L-11011/47/2011-IA.II(M) dt. 24.06.2013 of Ministry of Environment and Forests, for removal of 800 m³ of ordinary earth earth from the land comprised in Re. Sy. No. 17/6-4 Block 25 at Nellanadu Village, Nellanadu Panchayath, Nedumangadu Taluk, Thiruvananthapuram District, Kerala. The removed earth must be used for agricultural purpose in the land comprised in Sy. Nos. 247/10, 247/17, 247/12-12 in Nellanad Village under the ownership of Sri. Sainulabdeen and Smt. Sheeja.

Item No. 33.27 **Environmental clearance for removal of ordinary earth in Re. Sy. No. 288/5-1 Block 25 at Omalloor Village, Omalloor Panchayath, Kozhencherry Taluk, Pathanamthitta District, Kerala by Sri. Shaji Daniel (File No. 448/SEIAA/KL/3122/2014)**

RECOMMENDED for issuance of Environmental Clearance on usual conditions for mining of brick earth/ordinary earth stipulated in O.M. No. L-11011/47/2011-IA.II(M) dt. 24.06.2013 of Ministry of Environment and Forests, for removal of 600 m³ of ordinary earth from the land comprised in Re. Sy. No. 288/5-1 Block 25 at Omalloor Village, Omalloor Panchayath, Kozhencherry Taluk, Pathanamthitta District, Kerala. The removed earth should be used for levelling the plot for the construction of a dwelling unit in Sy. No. 227/4-2 in Omalloor Village.

Item No. 33.28 **Environmental clearance for removal of ordinary earth in Re. Sy. No. 558/17 Block 33 at Anchal Village, Anchal Panchayath, Punaloor Taluk, Kollam District, Kerala by Sri. Shaji Daniel (File No. 449/SEIAA/KL/3123/2014)**

RECOMMENDED for issuance of Environmental Clearance on usual conditions for mining of brick earth/ordinary earth stipulated in O.M. No. L-11011/47/2011-IA.II(M) dt. 24.06.2013 of Ministry of Environment and Forests, for removal of 400 m³ of ordinary earth from the land comprised in Re. Sy. No. 558/17 Block 33 at Anchal Village, Anchal Panchayath, Punaloor Taluk, Kollam District, Kerala for the construction of a shopping complex. The removed earth must be utilized for levelling the plot in Sy. No. 519/1/56 in Alayamon Village under the ownership of Smt. Majida Beegum.

Item No. 33.29 **Environmental clearance for removal of ordinary earth in Re. Sy. Nos. 374/15-3 & 374/15-1-1 Block 41 at Aruvikkara village, Aruvikkara Panchayath, Nedumangadu Taluk, Thiruvananthapuram District, Kerala by Sri. Soman P. (File No. 450/SEIAA/KL/3124/2014)**

RECOMMENDED for issuance of Environmental Clearance on usual conditions for mining of brick earth/ordinary earth stipulated in O.M. No. L-11011/47/2011-IA.II(M) dt. 24.06.2013 of Ministry of Environment and Forests, for removal of 400 m³ of ordinary earth from the land comprised in Re. Sy. Nos. 374/15-3 & 374/15-1-1 Block 41 at Aruvikkara village, Aruvikkara Panchayath, Nedumangadu Taluk, Thiruvananthapuram District, Kerala. The removed earth must be utilized for levelling the plot in Sy. No. 3748/A1-2-3 in Vattiyookavu Village under the ownership of Sri. Shaji for the construction of a dwelling unit.

Item No. 33.30 **Environmental clearance for removal of ordinary earth in Re Sy. No. 297/4 of Block no. 29 at Mazhuvannur Village, Kunnathunad Taluk, Ernakulam District, Kerala by Mr.Gigy Mathew. (File No. 452/SEIAA/KL/3126/2014)**

In view of the apprehensions raised on regarding the terrain conditions and quantity of earth to be removed the item is DEFERRED FOR FIELD VISIT.

Item No. 33.31 **Environmental clearance for removal of ordinary earth in Re Sy. No. 396/27-1 of Block no. 41 at Aruvikkara Village, Nedumangad Taluk, Thiruvananthapuram District, Kerala by Ms. Nayanamol S. L. (File No. 453/SEIAA/KL/3127/2014)**

RECOMMENDED for issuance of Environmental Clearance on usual conditions for mining of brick earth/ordinary earth stipulated in O.M. No. L-11011/47/2011-IA.II(M) dt. 24.06.2013 of Ministry of Environment and Forests, for removal of 300 m³ of ordinary earth from the land comprised in Re Sy. No. 396/27-1 of Block no. 41 at Aruvikkara Village, Nedumangad Taluk, Thiruvananthapuram District, Kerala for the construction of a dwelling unit. The removed earth should be utilized for the construction of CMSE facilities at V.S.S.C. Vattiyoor kavu as per the work order issued by V.S.S.C. No. VSSC/CMD-E CW/VKC/70/246 dt. 14.03.2014.

Item No. 33.32 **Environmental clearance for removal of ordinary earth in Sy. No. 409/1-1 at Vettikkavala Village, Kottarakkara Taluk, Kollam District, Kerala by Mr. Rejimon Yohannan (File No. 454/SEIAA/KL/3137/2014)**

RECOMMENDED for issuance of Environmental Clearance on usual conditions for mining of brick earth/ordinary earth stipulated in O.M. No. L-11011/47/2011-IA.II(M) dt. 24.06.2013 of Ministry of Environment and Forests, for removal of 500 m³ of ordinary earth from the land comprised in Sy. No. 409/1-1 at Vettikkavala Village, Kottarakkara Taluk, Kollam District, Kerala for the construction of a dwelling unit. The removed earth must be used for the construction of Ummaparambu-Kattil road as per the letter no. 1/2013-14/AEI dt. 27.06.2013 of A.E. Harbour Engineering Section.

Item No. 33.33 **Environmental clearance for removal of ordinary earth in Sy. Nos. 471/7- 4, 471/7-3 at Palliman Village, Kollam Taluk, Kollam District, Kerala by Mr. Lissan Chakko (File No. 455/SEIAA/KL/3172/2014)**

RECOMMENDED for issuance of Environmental Clearance on usual conditions for mining of brick earth/ordinary earth stipulated in O.M. No. L-11011/47/2011-IA.II(M) dt. 24.06.2013 of Ministry of Environment and Forests, for removal of 150 m³ of ordinary earth from 2.83 ares of land in the North-West side of total land comprised in Sy. Nos. 471/7- 4 and 471/7-3 at Palliman Village, Kollam Taluk, Kollam District, Kerala for the construction of a building. The removed earth must be used for levelling the land in Sy. Nos. 490/2, 490/1-4, 490/1,2 and 490/1,3 in Adichanalloor village, under the ownership of Smt. Aysha Bai.

Item No. 33.34 **Environmental clearance for removal of ordinary earth in Sy. No. 381/9 at Kottarakkara Village, Kottarakkara Taluk, Kollam District, Kerala by Mr. Thomas (File No. 456/SEIAA/KL/3178/2014)**

Proponent absent. Hence DEFERRED and the project proponent shall be communicated to attend the SEAC meeting on intimation, failing which the application shall be delisted.

Item No. 33.35 **Environmental clearance for removal of ordinary earth in Sy. No.445/7-1, 445/8A-2 of at Ranni Village and panchayath Ranni Taluk, Pathanamthitta District, Kerala by Mr. K.T. Varughese (File No. 457/SEIAA/KL/3197/2014)**

Proponent absent. Hence DEFERRED and the project proponent shall be communicated to attend the SEAC meeting on intimation, failing which the application shall be delisted.

Item No. 33.36 **Environmental clearance for removal of ordinary earth in Sy. No. 303/4-1 at Mazhuvannoor Village, Kunnathunad Taluk, Ernakulam District, Kerala by Mr. Yacobe (File No. 458/SEIAA/KL/3180/2014)**

In view of the apprehensions raised on regarding the terrain conditions and quantity of earth to be removed the item is DEFERRED FOR FIELD VISIT.

Item No. 33.37 **Environmental clearance for removal of ordinary earth in Sy. No. 214/6 at Anchal Village, Punalur Taluk, Kollam District, Kerala by Mr. Abdul Khani (File No. 461/SEIAA/KL/3194/2014)**

RECOMMENDED for issuance of Environmental Clearance on usual conditions for mining of brick earth/ordinary earth stipulated in O.M. No. L-11011/47/2011-IA.II(M) dt. 24.06.2013 of Ministry of Environment and Forests, for removal of 400 m³ of ordinary earth from 2.02 ares of land from a total of 6.02 ares as specified by Tahsildar comprised in Sy. No. 214/6 at Anchal Village, Punalur Taluk, Kollam District, Kerala. The removed earth must be utilized for filling the deep pit in Sy. No. 519/56 under the ownership of Smt. Majida Beegum in Alayamon village.

Item No. 33.38 **Environmental clearance for removal of ordinary earth in Block-27 R Syno.350/17 at Athirumpuzha Village, Kottayam Taluk, Kottayam District, Kerala by Mr. Joseph Mathew (File No. 462/SEIAA/KL/3195/2014)**

In view of the apprehensions raised on regarding the terrain conditions and quantity of earth to be removed the item is DEFERRED FOR FIELD VISIT.

Item No. 33.39 **Environmental clearance for removal of ordinary earth in 6/3 at Anad Village,& Panchayath Nedumanagad Taluk, Thiruvananthapuram District, Kerala by Mr. Vijayamohanam (File No. 463/SEIAA/KL/3196/2014)**

RECOMMENDED for issuance of Environmental Clearance on usual conditions for mining of brick earth/ordinary earth stipulated in O.M. No. L-11011/47/2011-IA.II(M) dt. 24.06.2013 of Ministry of Environment and Forests, for removal of 63 m³ of ordinary earth from land comprised in Sy. No. 6/3 at Anad Village & Panchayath Nedumanagad Taluk, Thiruvananthapuram District, Kerala. The removed earth must be used for levelling land in Sy. No. 226/9/2 in Anad village under the ownership of Smt. Geena.

Item No. 33.40 **Environmental clearance for removal of ordinary earth in Sy. No.491/3A of at Kadambanadu Village Adoor Taluk, Pathanamthitta District, Kerala by Mr. Sasankan (File No. 464/SEIAA/KL/3208/2014).**

RECOMMENDED for issuance of Environmental Clearance on usual conditions for mining of brick earth/ordinary earth stipulated in O.M. No. L-11011/47/2011-IA.II(M) dt. 24.06.2013 of Ministry of Environment and Forests, for removal of 3 tonnes of ordinary earth from land comprised Sy. No. 491/3A of at Kadambanadu Village Adoor Taluk,

Pathanamthitta District, Kerala. The removed earth should be used for levelling the plot in Sy. No. 278/1-7 in Kadambanad village under the ownership of Sri. Omanakuttan.

Item No. 33.41 **Environmental clearance for removal of ordinary earth in Sy. No. 300/2 at Thamarakulam Village, Mavelikkara Taluk, Alappuzha District, Kerala by Sri. Mohanan Pillai J. (File No. 465/SEIAA/KL/3209/2014)**

In view of the apprehensions raised on regarding the terrain conditions and quantity of earth to be removed the item is DEFERRED FOR FIELD VISIT.

Item No. 33.42 **Environmental clearance for removal of ordinary earth in Sy. Nos. 295/1/2, 294/1/2 at Thamarakulam Village, Mavelikkara Taluk, Alappuzha District, Kerala by Sri. Mohanan Pillai J. (File No. 466/SEIAA/KL/3210/2014)**

In view of the apprehensions raised on regarding the terrain conditions and quantity of earth to be removed the item is DEFERRED FOR FIELD VISIT.

Item No. 33.43 **Environmental clearance for removal of ordinary earth in Re. Sy. No. 4/2 Block Nil at Mupilyam village, Varantharapilly Panchayath, Chalakkudy Taluk, Thrissur District, Kerala by Sri. Ramachandran V.B. (File No. 467/SEIAA/KL/3211/2014)**

In view of the apprehensions raised on regarding the terrain conditions and quantity of earth to be removed the item is DEFERRED FOR FIELD VISIT.

Item No. 33.44 **Environmental clearance for removal of ordinary earth in Sy. No. 297/9-1of Block-25 at Perumbaikkadu Village, Kottayam Taluk, Kottayam District, Kerala by Mr. Zacharia Varghese (File No. 468/SEIAA/KL/3212/2014).**

RECOMMENDED for issuance of Environmental Clearance on usual conditions for mining of brick earth/ordinary earth stipulated in O.M. No. L-11011/47/2011-IA.II(M) dt. 24.06.2013 of Ministry of Environment and Forests, for removal of 1600 m³ of ordinary earth from land comprised in Sy. No. 297/9-1of Block-25 at Perumbaikkadu Village, Kottayam Taluk, Kottayam District, Kerala, for levelling the land for the construction of a dwelling unit. The removed earth should be used for levelling the land in Sy. No. 312/2 in Perumbaikkad village under the possession of Sri. Mathew, Sy. No. 312/3 in Perumbaikkad under the possession of Sri. Joseph and Sy. Nos. 31/5, 32/5, 33/3 and 34/3 in Kottayam village under the possession of Sri. Tom Thomas.

Item No. 33.45 **Environmental clearance for removal of ordinary earth in Sy. No. 443/3 at Aruvikkara Village & Panchayath, Nedumangad Taluk, Thiruvananthapuram District, Kerala by Smt. Sunitha S. (File No. 469/SEIAA/KL/3213/2014)**

Proponent absent. Hence DEFERRED and the project proponent shall be communicated to attend the SEAC meeting on intimation, failing which the application shall be delisted.

Item No. 33.46 **Environmental clearance for removal of ordinary earth in Sy. No. 74/1-1 at Kulanada Village and Panchayath, Kozhencherry Taluk, Pathanamthitta District, Kerala by Smt. Shyla Varghese (File No. 513/SEIAA/KL/3695/2014)**

In view of the apprehensions raised on regarding the terrain conditions and quantity of earth to be removed the item is DEFERRED FOR FIELD VISIT.

Item No. 33.47 **Any other item approved by Chair**

Item No. 33.47.01 **Environmental clearance for river sand mining in Kannur District, Kerala (File No. 571/SEIAA/KL/4230/2014)**

The quantity of sand projected in the report is 2m below the summer water level. The proponent have to recomputed the sand quantity above summer water level and provide the quantity of sand. As per the clause in OM. Of MoEF dated 24.12.2012 issued on the basis of the Hon'ble Supreme Court verdict, permission can be given to take sand above summer level.

The committee recommended to take 50% of the quantity of sand assessed by CED for a period of four months from September to December.

Item No. 33.47.02 **Environmental clearance for removal of ordinary earth in Sy. Nos. 310/2 and 317/5 at Ettumanoor Village, Kottayam Taluk, Kottayam District, Kerala by Sri. Pradeep (File No. 472/SEIAA/KL/3218/2014)**

Proponent absent. Hence DEFERRED and the project proponent shall be communicated to attend the SEAC meeting on intimation, failing which the application shall be delisted.

Item No. 33.47.03 **Environmental clearance for removal of ordinary earth from Sy. No. 29/2 at Aanikkad Village & Pallikkathode Panchayath, Kottayam Taluk, Kottayam District, Kerala by Sri. Joseph John (File No. 473/SEIAA/KL/3219/2014)**

RECOMMENDED for issuance of Environmental Clearance on usual conditions for mining of brick earth/ordinary earth stipulated in O.M. No. L-11011/47/2011-IA.II(M) dt. 24.06.2013 of Ministry of Environment and Forests, for removal of 960 m³ of ordinary earth from land comprised in Sy. No. 29/2 at Aanikkad Village & Pallikkathode Panchayath, Kottayam Taluk, Kottayam District, Kerala. The removed earth should be used for construction of PWD road.

Item No. 33.47.04 Environmental clearance for the proposed IBS SEZ campus in Survey Nos. 616, 623, 636 / Ward 7 at Kakkanad Village, Thrikkakkara Municipality, Kanayannoor Taluk, Ernakulam District, Kerala by M/s IBS Software Services Pvt. Ltd. (File No. 533/SEIAA/KL/3876/2014)

The present proposal was considered and appraised on 23.03.2014 and delisted due to the delayed submission of certain documents by the proponent. The total number of floors has been reduced from 13 to 12 and the basement has been extended to provide more parking facility. Parking facility is proposed for 670 cars and 840 two wheelers.

DEFERRED FOR FIELD VISIT.

Item No. 33.47.05 Environmental clearance for the proposed IT building project including its services and roads and boundary walls in Survey Nos. 636 part, 637 part, 615/2 part, 637/2 part and 615/2 part at Kakkanad Village, Thrikkakkara Municipality, Kanayannoor Taluk, Ernakulam District, Kerala by M/s Lulu Tech Park Ltd. (File No. 534/SEIAA/KL/3877/2014)

The FAR as per proposal is 5 which is different from FAR as per KMBR. The proponent informed that there is a Government order regarding FAR as 5 for IT projects. Hence the proponent is directed to provide document regarding the same. Parking facilities are provided for 1475 cars and 689 two wheelers. The Committee was anxious and concerned about the multilayer parking and associated congestions that may happen during the peak time.

DEFERRED FOR FIELD VISIT.

SEAC members who participated in the meeting:

Dr. N. G. K. Pillai (Chairman SEAC); Sri. C.S. Yalakki IFS (Secretary SEAC); Dr. V. Anitha (Member, SEAC); Sri. John Mathai (Member, SEAC); Dr. C.N. Mohanan (Member, SEAC); Dr. K.M. Khaleel Chovva (Member, SEAC); Dr. E.A. Jayson (Member, SEAC); Dr. P.S. Harikumar (Member, SEAC); Prof. (Dr.) K. Sajan (Member, SEAC); Sri. Eapen Varughese (Member, SEAC); Dr. Oommen V. Oommen (Vice Chairman, SEAC)