STATE EXPERT APPRAISAL COMMITTEE (SEAC): :ASSAM: 3RD FLOOR, POLLUTION CONTROL BOARD, ASSAM, BAMUNIMAIDAM, GUWAHATI- 781021

Email id: expertappraisalassam@gmail.com

Minutes of the 5th meeting (2nd sitting) of the State Expert Appraisal Committee (SEAC), Assam held at 2-00 PM to 5.00 PM on 30th January, 2024 in the Conference Hall of the Pollution Control Board, Assam, Bamunimaidam, Guwahati-781021.

List of the Hon'ble Members present in the meeting:

SI no.	Name	Designation	Signature
1	Sri Jatindra Sarma, IFS (Retd.)	Chairman	Sd/-
2	Dr. Raja Rafique Haque	Member	Sd/-
3	Sri. Arup Barpujary	Member	Sd/-
4	Shri Shantanoo Bhattacharyya	Member	Sd/-
5	Dr. Bijoy Sankar Goswami	Member	Sd/-
6	Dr. S.K.Dutta	Member Secretary	Sd/-

The 5th meeting (2nd sitting) of the State Expert Appraisal Committee (SEAC), Assam was held on 30th January, 2024 for detailed discussions and deliberations on the project proposals as per the agenda circulated to all concerned on 25th January 2024.

At the very outset, the Member Secretary, SEAC welcomed the Hon'ble Chairman, SEAC and the Hon'ble Members and briefed them about the agenda for the meeting.

As per the agenda, the august committee duly deliberated, discussed and made appraisal and furnished their opinion which were unanimously accepted as pointed out against each of the agenda items quoted hereunder:

 Environmental Clearance for Arang Stone Minor Mineral Unit No. 1 at Vill: Bhangarpar Pt-I, P.O.- Bhangarpar, P.S.- Borkhola under Karimganj Forest Division propoed by Sri Abdul Barbhuiya (SIA/AS/IND1/450159/2023) SEIAA. 3644/2024

Resolution No. 5/1:

This is a project proposal for grant of the Environmental Clearance (EC) in respect mining of Stone comprising of an area of 13.3 Ha. The approved quantity as per the Mining Plan is 50,000 cum of Stone in



5 (five) years. The Letter of Intent (LOI) is granted for **7 (Seven)** years on **17.09.2022** by the DFO, Karimganj Division, Karimganj.

The RQP Sri Prabal Kumar Goswami has prepared the Mining Plan, which was duly approved by the Director, Geology and Mining as forwarded on 10.11.2022 approving total quantity of Minor Mineral measuring 50,000 cum in 5 (five) years. As the proposal is falling under the B-1 Category, therefore, standard Term of Reference (Tor) was issued in favour of the Project Proponent by the SEIAA on 5.04.2023 for conducting the EIA study and Public Hearing as part of the conditions precedent for grant of the EC.

Facts and records were placed before the august Committee for discussions and deliberations. The Consultant Ultra-Tech, represented by Sri **Debasish Sengupta** made full and detailed presentation before the Committee in presence of the Proponent. The Committee after hearing the party made the following observations which need to be addressed by the proponent as mentioned here under:

- a. As the proposed stretch of the mining area beyond 1 Km, a gap of 50 mtrs is to be kept as non mining (buffer zone) stretch every after every 1 (one) km stretch.
- b. Plantations proposed need to be attended with utmost sincerity and care. The Proponent shall consult the DFO, Karimganj Division and work out for a realistic plantation scheme to be carried out in 4.10 Ha of area with suitable species of plants for the area. The species of plants may include Albizzia lebbeck (Kala Siris), Gamhar (Gmelina arborea), Garjan (Dipterocarpus turbinatus), Kadam (Anthocephalus cadamba), Khakan (Duabanga grandiflora), Defol (Garcinia nervosa), Hilikha (Terminalia chebula), Semul (Bombax ceiba) etc etc. The expenditures involved up to its establishment (5th year of maintenance) need to be worked out and the requisite fund shall be made available to the DFO, Social Forestry Division, Karimganj for proper execution in the field and accountability. The total cost of raising plantations (Roadside, Institutional) as shall be decided by the concerned DFO, involving local Institutions, Public, Organizations need to be uploaded in PARIVESH Portal with the compliance reports to be submitted every after 6(six) months ie on half yearly basis.
- c. The proponent shall take up the CER (Corporate Environmental Responsibility) activities involving public utility works in nearby villages and upload such works in the portal. As discussed and suggested, the Proponent shall ensure installation of Solar lights in the nearby villages and approach roads to the quarry/ mining site and an amount of Rs 8 Lakh only shall be spent for



the purposes in the 1st year itself. The Proponent shall also conduct health checkups for the villagers and daily workers engaged in the mining activity every after 6 (six) months and a budget of Rs 0.40 Lakh should be spent yearly as earmarked.

d. For mining in river beds and flood plains the Consent to Establish / Consent to Operate (CTE / CTO) are essentially required to be obtained for extraction of minerals from river beds, flood plains for non-manual extraction from the State Pollution Control Board, Assam in terms of the guidelines circulated by the CPCB / MoEF &CC.

The Committee after due deliberations and discussions made the above recommendations for follow up action by the project proponent and deem it appropriate to recommend the proposal for grant of the EC by the SEIAA approving to extract Stone 50,000 cum @ 10,000 cum, annually, from the proposed mining site within a period of 5 (five) years subject to the conditions that (a) mining shall be confined and limited to the area falling within GPS coordinates; (b) the active bank of the river is not disturbed / damaged because of mining operation and transportation of mining materials and (c)the proponent is permitted to extract the approved quantity of river bed Stone with maximum mining depth of up to 2 (two) meters from the non-mined surface. The proponent shall have to strictly follow all terms and conditions stipulated in the approved mining plan.

The Divisional Forest Officer, Karimganj Division shall ensure due vigilance in the mining area to avert irregularities during the mining period. Further, the DFO is to ensure that mining be allowed only within the approved mining site and not beyond the limit of the same. Accordingly, DFO shall also ensure marking the boundary of the mining site on the ground fixing permanent concrete pillars, painted yellow with the coordinates depicted there in on the pillars / posts, following the GPS coordinates leaving a buffer zone of 50m stretch after every 1km stretch of the allotted area mentioned in the approved mining plan and duly authenticated by the DFO in consultation with the Mining Plan as approved.

 Grant of ToR for Barak Sand Minor Mineral Unit No. 1 near Kalain , P. O & P.S: Kalain, District: Cachar, under Kalain Range of Karimganj Forest Division, Assam proposed by Sri Abdul Barbhuiya (SIA/AS/MIN/453198/2023) SEIAA. 3632/2023

Resolution 5/2

This is a project proposal for river bed mining of **Sand** comprising an area of **12.7** Ha, with 4 (four) different Blocks namely, Block A (371m in length), Block B (1010 m in length), Block C (979m in length) and Block D (575 m in length). The project Proponent is Sri Abdul Munim Barbhuiya. The Letter of Intent (LOI) is issued for 7 (Seven) years on 26/05/2023 by the DFO, Karimganj Division, Karimganj.



The RQP Sri Prabal Kumar Goswami has prepared the Mining Plan for 5 (five) years and was duly approved by the Director Geology and Mining, Assam as forwarded vide letter dated 04.11.2022 recommending total quantity of Minor Mineral measuring 51,000 Cum Sand in 3 (Three) years @ 17,000 cu m, annually.

Facts and records were placed before the august Committee for discussions and deliberations. The Consultant (Ultra Tech), represented by Debasish Sengupta, made full and detailed presentation before the Committee in presence of the project Proponent. The Committee after hearing the party made the following observations, which need to be addressed by the proponent as mentioned here under as additional points in the ToR:

- The NOC from the Water Resources Department for the proposed mining operation in the area bounded by the Geo-coordinates.
- II. The guidelines for sustainable sand mining needs to be strictly adhered to and the deficiencies, if any, in the approved mining plan needs to be attended to carefully with due rectification at the initial stage itself.
- III. Plantations proposed need to be attended with utmost sincerity and care. The proponent shall consult the DFO concerned and come up with a realistic plantation scheme covering an area of 4.2 Ha with endemic and rare species, locally called, Garjan (*Dipterocarpus turbinatus*) and Defol (*Garcinia nervosa*) to be carried out in 2 (two) different plots of these two specie of plants specially in order to make a holistic effort in conserving and propagating the species endemic to Barak Valley. The expenditures involved up to its establishment need to be worked out and the requisite fund, as worked out, should be made available to the DFO, for proper execution in the field and accountability. This may be decided by the concerned DFO. It is to be noted that educational institutions, Public places (Graveyard, Namghar, Temples, Masjids) etc etc may also be given priority for plantation works involving the local population, School Children, NGOs etc with adequate safe guard measures for survival and success of plants. In such cases the species of plants should be aesthetic in nature, of medicinal importance and of Evergreen in nature etc. Each of the plants so planted should be with proper labeling showing its scientific name, local name and its medicinal importance when done in Educational Institutions.
- IV. The recommended species of plants in the locality could be of species like Bakul (Mimoups elengi), Agor (Aquillaria malaccensis), Amlokhi (Phyllantus emblica), Hilikha (Terminalia chebula), Asoca (Saraca asoca), Bael (Aegle marmelos), Bokphul (Sesbania grandiflora), Mohaneem (Azedirachta indica), Jamun (Syzygium cuminii), Kordoi (Averrhoa carambola), Ariun (Terminalia ariuna) etc etc.
- V. Details of plantations in the areas are to be quantified and worked out meticulously covering the area as earmarked.

VI) In the process of Public hearing to be conducted in due course, all stake holders are to be invited including Public Representatives and the Registered NGOs with their up to date renewal of the Registrations (of the respective NGOs) and such PH shall be conducted by PCBA & district administration and a detailed report with summary of public demands in physical terms showing the financial involvement not less than 2% of the total cost of the project are to be submitted accordingly to the SEAC.

VII) For the purpose of the EMP budget and CSR, ECR etc all the details indicating the proposed targets in physical terms involving financial expenditures are to be accordingly reflected for each year for due consideration and reasonable decisions by the SEAC in due course.

With the above stipulations the Committee is of the considered opinion to recommend issue of the ToR by the SEIAA to the project Proponent.

 ToR for Cement Plant of 600 TPD (Phase I: 300 TPD Grinding, Phase II: 300 TPD Clinker & 300 TPD Grinding) by M/s. Kanak Minerals LLP (SIA/AS/IND1/453789/2023) SEIAA. 3642/2024

Resolution 5/3

Brief Description of the Project:

M/s. Kanak Minerals LLP proposes to set up a Cement Plant of 600 TPD capacity (Phase I: 300 TPD Grinding, Phase II: 300 TPD Clinker & 300 TPD Grinding) at Dag no. 168, 170, 171, 172, Patta No. 8, 31, 105, 193, Village Roumari Doloni, Mouza Borbhogia, Circle Koliabor, Dist.: Nagaon, Assam — 782138. Land involved in the project is 3.47 Ha. The project falls under Schedule 3(b) as per the EIA Notification dated 14th September, 2006. It is categorized as "Category B1" project. It is a greenfield project. The Company is represented by its partner Mr. Rohit Agarwal who is also the applicant. Total cost of the Project proposed is Rs 45.5 Crore. As per the EMP the cost in Environment & Pollution Control measures towards Capital Cost is Rs.1.007 Crore and Recurring cost is Rs.1.48 Crore per year.

The facts are placed before the Hon'ble Committee for detail deliberations and discussions. The KML file is examined and the aerial distance from the buffer zone of the Kaziranga National Park and Tiger Reserve is revealed to be 3.06 km which need to be addressed in the preparation of the EMP.



Detailed presentation was made by the consultant Envision Enviro Technologies Pvt. Ltd in presence of the Directors of the company. The Committee stressed that name of the consultant be furnished to keep accountability and to vest liability on the part of the Consultant for any misinformation or suppression of material facts before the committee.

Upon hearing the party and due deliberation the committee deemed it appropriate to invoke certain conditions in the ToR apart from the Standard Terms of Reference as under:

- a. Development of green belt, the plant species to be planted being tolerant to the air pollution in the area and Miyawaki Model of Plantation be followed under the guidance of the Member Secretary, SPBC/SEAC, Assam Dr S K Dutta. List of plant species, so suitable for the area shall be furnished by the Chairman of the SEAC, if so advised;
- The technology involved in cement production shall ensure environmental best practices to minimise on air pollution;
- Disposal mechanism of various wastes, viz plastic, hazardous, e-waste, etc shall need to be clearly spelt out;
- d. Use of Green Energy around the Project area needs to be proposed;
- Environment Management Plan is required to ensure support by way of livelihood generation to nearby community.
- f. For the purpose of the EMP budget indicating the activities under the CSR, ECR, etc, all the details with the proposed targets in physical terms showing financial expenditures are to be accordingly reflected for each year keeping in view the public demand/ requirement for due consideration, deliberation and reasonable pragmatic decisions by the SEAC in due course.

With the above stipulations the Committee is of the considered opinion to recommend issue of the ToR by the SEIAA to the project Proponent.

 Environmental Clearance for Proposed Residential Complex Fortune Victor (a unit of Fortune Towers Pvt Ltd) by Fortune Towers (India) Private Limited (SIA/AS/INFRA2/431555/2023) SEIAA. 3534/2023

Resolution 5/4:

The Project is for construction of a Residential complex Fortune Victor at Gotanagar, Jalukbari, Guwahati. Project Proponent Fortune Towers (India) Private Limited, applicant being Sri Rana Pratap Bordoloi also the Director of the company.

The total built up area of the proposed residential complex is 23,899.15 Sqm while the Plot area is 6651 Sqm. It is a proposed residential complex project with 209 flats in 2 Blocks. Project cost is estimated at Rs 53.19 Crore.

The project proponent has made a presentation before the Committee.

Requisite documents requiring clearances from the statutory bodies are uploaded including the EMP, water and waste water management details, Municipal Solid Waste Management Plan, E-waste details, Rain Water Harvesting (RWH) system, Drainage plan, Parking plan and the Registered Agreement in respect of Land Deed.

Distances of the Project from the boundary of the Protected Areas (PAs) namely, Deepor Beel W.L. Sanctuary and Amsung Wildlife Sanctuary are 5.88 km and 17.37 km respectively. It is clarified by the Proponent that there is no bar on construction as the plot is beyond the boundary of the respective Eco Sensitive Zones.

The august Committee thoroughly deliberated upon the matter and also discussed on each of the relevant issues after presentation and under consideration. It was specifically suggested by the Committee that special attention needs to be paid by the Proponent in the matter of development on greenery around the premises where in the inmates could feel the benefits due to greenery by raising plants of religious importance, health benefits having medicinal importance as also being of aesthetic nature etc. The Committee is also of the considered opinion that adequate provision is made by the proponent for the inmates specially for the Children, the Women and as well for the elderly inmates for a YOGA Hall (Yoga Centre) wherein a trained personnel in Yoga could come to train the inmates adequately for a healthy living.

The total plot area of the proposed residential complex is at least 6,651 Sqm and, therefore, around 80-90 numbers of plants are to be planted by the project proponent at suitable locations and patches in the plot area covering at least 640 Sq m, which is 10 % of the plot area with evergreen species of plants and are primarily of aesthetic in nature and of medicinal value.

It was suggested by the committee that the plant species preferably be are of Bael (Aegle marmelos), Giloy (Tinospora cordifolia), Bakul (Mimosups elengi), Nahor (Mesua ferrea), Ashoka (Saraca asoca),

Kanchan (Bauhinia purpurea), Rudrakhya (Elaeocarps ganitrus), Joba (Hibiscus rosa sinensis), Sonaru (Cassia fistula), Putranjiba (Putranjiva roxburghii), Tezpatta (Cinamomum tamala), Dalchini (Cinamomum zeylanicum), Sewali phul (Nyctanthes arbor tris tis), Money plant (Araceae member), Sanseviera zelanica, indigenous flowering plant species of herbs and shrubs like Kamini Kusum (Murraya paniculata), Aparajita (Clitorea ternatea), Narasingha (Murraya koengii) etc etc.

The Committee felt it expedient that the numbers of plants should not be restricted to the stipulations and the same should invariably be increased accordingly comprising of herbs, shrubs, climbers and trees, etc with touch of religious utility of flowering plants and effort to gamer support from the inmates for future maintenance with their active support, particularly school going Children. Efforts need to be put to get the plants with their scientific names, local names properly labeled showing medicinal value for appreciation by the inmates.

The Committee after due deliberations and discussions recommends for grant of the EC by the SEIAA with mandatory compliance of conditions of Indian Green Building Council (IGBC) or GRIHA (Green Rating for Integrated Habitat Assessment) / LEEDS (Leadership in Energy and Environmental Development Systems) including the proposed greenery around the premises, as prescribed, and the same are to be uploaded in the PARIVESH portal. Further, the STP is to be managed by the Project Proponent for the period even after handing over the projects to the stakeholders. The PP shall have AMC with the STP provider for operation and maintenance for a period of at least 10 yrs at the initial / 1st instance and their maintenance shall be ensured by the PCB, Assam. Certificate from the Central Ground Water Authority for use of water in the operational phase needs to be obtained by the Proponent.

The cost earmarked for the environmental safeguards contained in the Environment Management Plan (EMP) amounting to Rs 345 Lakh as Capital Cost and Rs 4.1 Lakh as recurring cost per year against each of the components shall have to be utilized and shall not be diverted for any other purposes and year wise expenditures both in constructional and operational phases shall be reported to the PCB, Assam & SEIAA, the Regional Office, MoEF&CC, GoI, Guwahati along with the break up of expenditures for record and monitoring.

 Amendment of TOR for Regularization of existing production facilities for TMT Bar-84000 TPA, MS Coil-12936 TPA, MS Black Wire-1116 TPA & MS Wire Nail-792 TPA and MS Steel Billet-66000 TPA through IF(10 TPH x 3) by K D Iron and Steel Co (SIA/AS/IND/306807/2023) SEIAA.3456/2023

Resolution 5/5:

The proposal requesting for Amendment of ToR for Regularization of existing production facilities for TMT Bar-84000 TPA, MS Coil-12936 TPA, MS Black Wire-1116 TPA & MS Wire Nail-792 TPA and MS Steel



Billet-66000 TPA through IF(10 TPH x 3) at IIDC, Village: Borshil, PO: Maranjana, Rangia, Kamrup, Assam proposed by K D Iron and Steel Co is placed before the SEAC for appraisal and necessary deliberation.

Area of the proposed project is 3.14 Ha and the project proposal falls under Category B₁ of Schedule 3 (a) of the EIA notification. Initially, online standard ToR was granted by the SEIAA on 17.05.2023.

The Proponent of the proposal is Sri Vikash Bagaria, a partner of the Company and the detail presentation was made by the consultant Anacon Laboratories Ltd represented by Sri Swaroop Tripathy.

The Budgetary provisions for Environmental Management Plan considered the Capital investment is **Rs. 90 Cr** including the EMP cost. Additional proposed cost for the expansion of the project is estimated at **Rs. 115.00 Cr**. Thus, the total Project cost after proposed expansion is **Rs 205 Cr**.

The proposal is for ToR for Regularization of existing production facilities for TMT Bar-84000 TPA, MS Coil-12936 TPA, MS Black Wire-1116 TPA & MS Wire Nail-792 TPA (Total Production Capacity under Regularization-98,844 TPA) and MS Steel Billet-66000 TPA through IF(10 x 3 TPH) for which EC was granted by the SEIAA, Assam on 16.02.2018 (EC Capacity 90,000 TPA) within the same plant premises of M/s. KD Iron & Steel Co. (EC granted as per the GOI Notification dated 20th July, 2022). The amended EC was also granted subsequently on application by the SEIAA, Assam vide letter dated 19.06.2023.

The reasons furnished for amendment of the ToR as already granted (Standard ToR), the project Proponent clarified that the management have decided to expand its existing production facilities for M.S. Billet (from 66000 TPA to 180000 TPA) through Induction Furnace (15 TPH x 4 Nos.) and Re-rolled products [From 98844 TPA to 200000 TPA (174600 TPA through Hot Charging & 25400 TPA through Reheating Furnace 20TPH] within the existing plant area of 3.14 Ha.

All the material facts are placed before the august Committee for perusal and deliberation. The papers connected to the project and the requisite forms as uploaded were also placed before the Committee including the Pre Feasibility Report (PFR) for detail discussion and deliberation.

The EIA Consultant Anacon Laboratories Pvt. Ltd made presentation in detail supported by one of the Company Partners.

The Committee decided to have a ground verification of the plant activities and the scope for enhancement of production capacities through a sub-committee of the SEAC to be constituted for the purpose before recommending for grant of the amendment of ToR by the SEIAA.



 Extension of validity of EC for M/S PBI Brick Industry Mining Permit Area proposed by Sri Pankaj Soud (SIA/AS/MIN/300673/2023) SEIAA.1545/2021

Resolution 5/6:

The project proposal requesting modification of the EC for mining of Ordinary Earth from the M/S PBI Brick Industry Mining Permit Area under Kamrup West Division proposed by Sri Pankaj Soud is placed before the SEAC for appraisal and detailed discussion. The Project Area as allotted for mining is measuring 0.29 Ha in M/S PBI Brick Industry Mining Permit Area with the recommended quantity of Ordinary Earth measuring 2,680 Cm for 2 yrs as per the approved Mining Plan. The Mining Plan was prepared by the Registered Qualified Person (RQP) Dr Saptarishi Aich Sakar and the proposed mining area was visited by the RQP while the same was approved by the Director, Geology and Mining, Govt of Assam on 21.01.2023. The DFO, Kamrup West Division had recommended the proposal on 25.05.23. Previously EC was granted allowing mining of Ordinary Earth measuring 6,000cm in 2(Two) Years time as revealed from the status report submitted by the DFO. Half Yearly Compliance Report has duly been uploaded as authenticated by the DFO.

Necessary documents furnished by the proponent along with the approved Mining Plan in support of the proposal are discussed in detail. On deliberation it came to light that the proponent had obtained the Consent to Operate (CTE) from the PBC, Assam as far back as on 22.03.2012. Due deliberation is held and the committee is pleased to recommend for the modification of the EC by extending the validity for 1 (One) Year approving to extract 2,680 cu.m of Ordinary Earth from the proposed site within a period of 1 (one) year only with the condition (i) that maximum mining depth is allowed up to 2 (two) meters from the non-mined ground surface strictly following all the terms and conditions laid down in the approved mining plan; (ii) the Proponent shall also invariably obtain the copy of latest CTE / CTO from the PCB, Assam and (iii) the Proponent shall strictly follow the Zigzag technology for production of bricks.

The Proponent further must ensure raising Green Belt around the premises in consultation with the DFO for planting suitable evergreen species of plants all along the periphery of the plot of land which need to be uploaded in the PARIVESH portal.

The Divisional Forest Officer, Kamrup West Division is required to ensure due vigilance on the mining operation to avoid occurrence of irregularities during the mining period. Further, DFO is to ensure that mining be allowed only within the approved mining site and not beyond the limit of the same. Accordingly, DFO shall arrange to mark the boundary of the mining site on ground fixing permanent pillars, painted yellow inscribing the Geo-coordinates therein on the pillars, following the GPS coordinates mentioned in the



approved mining plan. Compliance by the proponent of all the terms and conditions stipulated in the EC shall have to be ensured by the concerned Divisional Forest Officer.

 Environmental Clearance for the Proposed "5000 Seating Capacity Auditorium" by Public Works Department (Building) at Khanapara, Guwahati, Assam by Public Work Department (Loko Nirman Bibhag) (SIA/AS/INFRA2/438706/2023) SEIAA. 3548/2023

Resolution 5/7:

The proposal was earlier discussed in the 1st SEAC meeting held on 30.10.2023 and Additional Documents Sought (ADS) by the Committee in respect of certain deficiencies in the project proposal seeking clarification and also for overall improvement in the project keeping in view the future usage, traffic management, capacity of the Auditorium and prevailing circumstances owing to the location of the project.

For the sake of brevity the Resolution of the 1st SEAC Meeting adopted for the purposes is reproduced in verbatim as follows:

"The proposed project is for "5000 Seating Capacity Auditorium" by the Public Works Department (Building) at Khanapara, Guwahati, Assam. Plot area is measuring 77,912.993 m² and the total Built up area 32,507.194 m². Project cost is projected at Rs 185 Crore.

As the total built up area is 32,507.194 m² and 410 no of plants need to be planted by the project proponent in suitable patches in and around the project area covering around 5 Ha areas.

It was suggested by the Committee that the plant species may be Bakul (Mimosups elengi), Nahor (Mesua ferrea), Ashoka (Saraca asoca), Kanchan (Bauhinia purpurea), Rudrakhya (Elaeocarpus ganitrus), Ronga Joba (Hibiscus rosa sinensis), Chandan (Santalum album), Agor (Aquillaria malaccensis), Sewali phul (Nyctanthes arbor tris tis), Money plant (Araceae member), Maha Neem (Azadirachta indica), indigenous



flowering plant species of shrubs etc etc. Development of Green belt or the plantation activities around the Project area shall be mandatory to be carried out by the project proponent and uploaded accordingly with photographic evidence which shall be treated as one of the conditions for the compliance report subjected to monitoring in due course by the competent authority.

The committee further found the documents and information wanting in the aforesaid proposal submitted by the proponent:

- Water body or natural drain flowing through the premises to be protected with all precautionary
 measure to ensure that free flow of drainage water is not hindered and the blockade of drainage do
 not occur.
- Traffic management plan in and out (entry and exit) to the project area need to be furnished in the form of hard copy duly approved by the competent authority (GMDA) to the SEIAA for record and perusal.
- 3. Approved Plan by the GMDA / Gauhati Municipal Corporation
- 4. Disaster Management Plan
- Rain water harvesting, Sewage Treatment Plan (STP)
- 6. Certificate regarding use of water from the Central Ground Water Authority.
- 7. Solid waste management plan
- 8. Plan for translocation of existing tree species, if any, to avoid felling as far as practicable
- Concept and plan of Green building with its stipulations so far use of solar energy and parameters to be adhered to.

With the above observations the committee, in principle, unanimously agreed to recommend for approval to grant of the EC by the SEIAA after due compliance of the information / receipt of the documents and presentations by the proponent in the next meeting."

The project was placed before the Committee with all pertaining records of the case. The project Proponent has furnished the replies, point wise, to the ADS with supporting documents, as necessary, on



08.01.2024. The NOC from the GMC is yet to be furnished. The proponent shall furnish the same to the SEIAA for record.

A detail presentation was again made before the SEAC by Sri Debasish Sengupta representing the consultancy firm **Ultra Tech** in presence of the project proponent and it was placed before the Committee that there was a need for removal of 40 numbers of plants out of existing 400 plants from the area. The plants are of miscellaneous species of *Areca catechu* (Betelnut), *Mangifera indica* (Aam), *Erythrina indica* (Modar), *Litsea* pp (Bon Soalu) and a single tree of *Azedirachta indica* (Moha neem) etc. and the concerned DFO is working on the same for getting those enumerated and disposal as may be necessary. It was also informed that few trees are falling in the drainage system requiring uprooting.

The Committee made it clear that barest minimum involvement of tree felling should be resorted to and the drainage may be diverted as may be feasible to ensure that the existing trees are not felled.

It is also suggested that wherever possible the trees may be transplanted in the premises itself following the guidelines and the SOP issued by the Forest Department vide No FG.27/Nodal/Tree Transplantation/2024 dated 08.02.2024 as circulated to all concerned stakeholders in consultation with the DFO, Kamrup East Division, Guwahati and also the DFO, Social Forestry Division, Guwahati.

The amount of fund allocated in the ECR for raising of Green Belt should be deposited with the DFO, Social Forestry, Guwahati in due consultation for raising of adequate nursery saplings of prescribed species of plants and subsequent plantations including their upkeep in and around the project area.

The Committee after due deliberations and discussions recommend for grant of the EC by the SEIAA with compliance of all mandatory conditions of Indian Green Building Council (IGBC) or GRIHA (Green Rating for Integrated Habitat Assessment) / LEEDS (Leadership in Energy and Environmental Development Systems) concept for compliance including the proposed greenery around the premises, as prescribed, and the same are to be uploaded in the **PARIVESH** portal.

The cost earmarked for the environmental safeguards contained in the Corporate Environment Responsibility (CER) against each of the components shall be utilized and shall not be diverted for any

other purposes and year wise expenditures both in constructional and operational phases shall be reported to the PCB, Assam & SEIAA, the Regional Office, MoEF & CC, GoI, Guwahati along with the break up of expenditures for record and monitoring.

 EC for Redevelopment of Assam Police Reserve Campus, Guwahati, Assam By M/S Public Works Department (P.W.D.) of Assam by Public Work Department (Loko Nirman Bibhag) (SIA/AS/INFRA2/434599/2023) SEIAA. 3547/2023

The proposal was discussed in 1st SEAC meeting held on 30/10/2023 and ADS is sought. Resolution of 1st SEAC Meeting is as follows:

The project is on Re-development of the **Assam Police Reserve Campus** by the M/S Public Works Department (PWD), Assam located at Dag no. 541, Patta No (Government Land), Guwahati, District: Kamrup Metropolitan, Guwahati, Assam - 781001. Total Builtup area under the Project =1,02,740.69 m². Project cost is projected at Rs 544 Crore.

As the total built up area is 1,02,740.69 m², therefore, 1284 number of plants are required to be planted by the project proponent in suitable patches in and around the project area covering around 1Ha of the total project area. It was suggested by the committee that the plant species may be Bakul (Mimosups elengi), Nahor (Mesua ferrea), Ashoka (Saraca asoca), Bokphul (Sesbania grandiflora), Kordoi (Averrhoa carambola), Kanchan (Bauhinia purpurea), Jalphai (Ealeocarpus floribundus), Hilikha (Terminalia chebula), Amlokhi (Phyllanthus embelica), Rudrakshya (Elaeocarpus ganitrus), Kuji thekera (Garcinia morella), Ronga Joba (Hibiscus rosa sinensis), Bael (Aegle marmelos), Chandan (Santalum album), Agor (Aquillaria malaccensis), Giloy (Tinospora cordifolia), Sewali phul (Nyctanthes arbor tris tis), Mohaneem (Azedirachta indica), Money plant (Araceae member), indigenous flowering species of shrubs like Kamini kusum (Murraya paniculata), Narasingha (Murraya koengii) etc etc.

Development of green belt or the plantation activities around the Project area shall mandatorily be carried out by the project proponent and uploaded accordingly with photographic evidence which shall be treated as one of the primary condition for the compliance report subject to monitoring in due course by the competent authority.

The committee further found the documents and information wanting in the aforesaid proposal submitted by the proponent:

- a. Approved Plan by the GMDA/ Gauhati Municipal Corporation
- b. Disaster Management Plan
- c. Rain water harvesting, Sewage Treatment Plan (STP)
- d. Certificate regarding use of ground water from the Central Ground Water Authority.
- e. Solid waste management plan



- f. Plan for translocation of existing tree species, if any, to avoid felling as far as practicable
- g. Concept and plan of Green building with its stipulations so far use of solar energy and parameters to be adhered to.

With the above observations the committee in principle unanimously agreed to recommend approval for grant of the EC by the SEIAA after due compliance of the information /documents sought and presentations by the proponent in the next meeting.

Since the Proponent did not turn up in the meeting for presentation, the party may be informed to give this presentation in the next meeting.

 EC for Barnadi Sand, Gravel and Stone Mahal -10 proposed by the DFO, Baksa Forest Division, Mushalpur (SIA/AS/MIN/428654/2023) SEIAA. 3480/2023

This proposal was discussed in 1st SEAC Meeting held on 30.10.2023 and Resolution taken is as follows:

"The Project for the grant of the EC for mining in river bed for sand-gravel and stone from the "Barnadi Sand, Gravel and Stone Mahal -10." under Baksa Forest Division of BTC proposed by the DFO, Baksa is placed before the SEAC for appraisal and detail discussion. The Project area is 4.9 Ha located on the river bed. The mining plan is approved by the DGM, Assam communicated vide letter dated 10th April, 2023 is deliberated. Recommendation of the concerned DFO is also discussed in detail. Analytical report of the ratio of the minable quantum of minor minerals submitted along with the mining plan is also examined and appraised. After discussion and deliberation the committee recommended the proposal in principle approving to excavate 54,370 cu.m. sand, 72,490 cu.m gravel and 54,370cu.m. stone from the river bed stone from the proposed mining area within a period of 5 (five) years. It is further recommended to extract 10,874 cu.m. sand, 10,874 cu.m. stone & 14,498 cu.m gravel respectively per year strictly following all the terms and conditions laid down in the mining plan during the contract period of mining.

The project shall be approved for grant of the EC by the SEIAA on receipt of the clarification of the RQP who shall submit documentary evidence regarding his personal verification / visit of the site in question while preparation of the Mining Plan by him. He shall visit the area with the DFO, Baksa or the authorized officer as deputed by the DFO for the purpose at the disposal of the DFO, Baksa. The DFO shall submit / upload the report accordingly of having ground verification with Geo coordinates. Field verification of the site may also be caused by the officer delegated / deputed by the DFO to accompany the RQP including the Project Proponent who shall visit the area, the extent of which is nearly 5 Ha.

On receipt of the report necessary steps shall be taken for approval to grant the EC by the SEIAA."



Furthermore, Additional Documents Sought (ADS) in respect of the alleged uploading of the **DSR (District Survey Report)** and the issue of the Letter of Intent (LoI) in the Form-I was discussed. The NOC from the Water Resources' Department is found submitted vide letter dated 18.12.2023 by the concerned EE. Bare perusal of the report as submitted in the form of the NOC goes to show that:

"Activities in the proposed Mahal like digging may be allowed from the mid channel area of the river bed at least 50 M (Metre) distance from the bank of both side and opening of Mahal at Barnadi river may be allowed by maintaining the norms provided below...... removal of river bed materials may be allowed only from the convex (outward) bend."

It is on record that the Proponent has simply replied to the ADS that the documents in question are found missing. This needs to be clarified by the DFO, Baksa. It was also asked to have a field verification which have not been carried out as desired by the Committee in the 1st Meeting itself. Therefore, the Committee is of the opinion that following actions are taken and complied with as quoted hereunder:

I) The field verification with the RQP jointly with the competent forest official not below the rank of Forest Ranger is to be carried out and to upload the Geo tagged photograph of the mining area.

II) Whether LoI was at all issued by the DFO, Baksa Division and the DSR in question, if available, for the district are to be clarified by the DFO, Baksa.

On receipt of the desired clarification and reports, in due course, the matter shall be considered accordingly for grant of the EC by the SEIAA, Assam.

 EC for Mairapur Village Patta Land Ordinary Earth and Stone Mining Permit Area (Block-2) proposed by Smti Jonali Das (SIA/AS/MIN/428114/2023) SEIAA.3459/2023

The proposal was discussed in 61st SEAC Meeting held on 20.05.2023 and the resolution is as follows

Resolution 61/17:

"The project proposal asking EC for mining of ordinary earth and stone from the "Mairapur Village Patta Land Ordinary Earth and Stone Mining Permit Area (Block-2)" under Kamrup East Forest Division, Basistha

proposed jointly by Smt. Jonali Das and Smt. Nilima Boro is placed before the SEAC for appraisal and detail discussion. Proposed project area is 1.0 hect situated on the patta land covering Dag. No. 602, 599 under patta No. 38 & 71 at village Mairapur of Polashbari Revenue Circle. The mining plan approved by the DGM, Assam communicated vide letter dated 19th Jan 2023 is discussed in detail.

Report of the concerned DFO relating to the proposal and JVR are examined. On examining the documents, it is revealed that the plots of land classified as agricultural land. Copy of the Jamabandi pertaining to Dag.No. 602 & patta No. 38 has been submitted but land records of Dag. No.599 & patta No. 71 has not been furnished. Figure of the area shown in the Trace map and figure shown in the Google map do not match each other. Detailed discussion is held and the committee requires the following document/ information for further processing of the proposal.

- Fresh trace map showing the proper Dag Nos. & signed by the competent Revenue Authority.
- Non agriculture land certificate pertaining to the proposed patta land from the Revenue Authority.
- Jamabandi copy of the patta land under Dag No. 599 of patta No. 71.
- (iv) Registered land agreement between the lesse and lessor."

The records as submitted pertaining to the case by the proponent in the form of reply to the ADS raised are placed before the committee.

The issue has been deliberated thoroughly. The committee after due deliberation and considering the recommendation made in the approved Mining Plan decided to recommend for grant of the EC by the SEIAA approving to extraction of minor mineral with the quantum of 50,000 Cu.m. stone @ 25,000 cu m / year and 40,000 cu m of Ordinary Earth @ 20,000 cu m /year from the proposed mining site within a period of 2 (two) years subject to the conditions that (a) mining shall be confined and limited to the area falling within GPS coordinates; (b) there shall not be use of explosives for mining activity without prior approval and permission from the competent authority.

The proponent shall have to strictly follow all other terms and conditions laid down in the approved mining plan.

Further, the Proponent shall have to undertake CER (Corporate Environment Responsibility) activities amounting to 2% of the total cost of the project by way of raising plantations (Road side / Institutional), works of public utility as shall be decided by the concerned DFO involving local Institutions, Public, Organizations etc. Such activities need to be uploaded in the PARIVESH Portal with the compliance reports to be submitted half yearly. Such steps of plantation activities with endemic species of plants of evergreen nature, aesthetic value and medicinal importance must have to be given priority by the DFO concerned involving local NGOs, if need be, for accomplishment within the first year of planting season. The fund required for the plantation activities are to be placed at the disposal of the DFO concerned for raising of quality saplings of suitable species of plants, in advance, with due consultation of the DFO concerned.

The Divisional Forest Officer, Kamrup East Forest Division, Basistha, Guwahati is to ensure due surveillance against occurrence of irregularities during mining operation. The DFO will further ensure demarcation of mining area on ground fixing pillars and Geo referencing prior to start of actual mining operation as mining is not permitted beyond the limit of the same. The DFO is also requested to ensure necessary compliance of all the terms and conditions as shall be laid down in the EC by the proponent in course of mining operation.

EC for construction of Proposed B+G+18 Residential cum Commercial Bullding at Garchuk, Guwahati, Assam proposed by Agarwalla Brothers (SIA/AS/INFRA2/431122/2023) SEIAA. 3534/2023

The proposal was already under process of recommendation to the SEIAA subject to compliance of certain stipulated conditions and also outcome of the field inspection of the proposed location of the area to ascertain its status, as deliberated in the 2nd SEAC meeting held on 10th November, 2023. It came to light that the cause of action got unattended for quite a long time and a field visit was proposed subsequently to be conducted by the sub-committee constituted for the purpose and inspection was to be completed within 14.01.2024. Due to preoccupation of the Hon'ble members of the sub-committee inspection could not be materialized, therefore, it was decided to use Drone Technology to have the aerial survey of the area, ascertain the status of the project area in detail in the meeting.

Deliberation of 2nd SEAC Meeting held on 10th November, 2023 (2nd Sitting) in *verbatim* is reproduced as below:

"It is a proposal seeking grant of the Environmental Clearance (EC), as applied by the proponent / applicant Mr Suresh Agarwalla on 04.07.2023. The details of the project proposal is as under:

This is a project proposal for construction of Residential cum Commercial Building at Gorchuk and he person making the application is Mr Suresh Agarwalla (Partner). The total plot area is measuring 9742.39 sq.m while the Built up is 43,985.80 sq.m. Cost of the project is proposed at Rs 90 Crore.

The matter was placed before the august SEAC body for deliberation and discussion for issue of the Environmental Clearance (EC). Deliberations were made and thorough discussions held on presentation made by the consultant M/S OCEAO-ENVIRO Management Solutions (India) Private Limited. It was emphasized to have a ground inspection and verification of the project as to its present status by a committee comprising of domain experts on a later date to be notified accordingly. It is on record that the States' only Ramsar Site, Deepor Beel is located at a distance of around 6.40 km. On deliberation the august Committee sought the necessary documents / information which ought to be furnished / submitted as mentioned here under are:

- a. Furnish the name of the Consultant with his undertaking so that adequate accountability and responsibility could be vested for any kind of misinformation or suppression of material facts;
- b. Approved Plan by the GMDA and GMC to be furnished;
- c. Disaster Management Plan;
- d. Rain Water Harvesting, Sewage Treatment Plan (STP);
- Certificate regarding use of ground water from the Central Ground Water Commission;
- f. Solid Waste Management Plan with segregation mechanism and their disposal plan;
- g. Plan of Green Building with its stipulations so far use of Solar Energy;
- h. Drainage Layout Plan along with the connection to the outside main drain;
- Procurement of Raw material and their storage specially in case of use of Minor Mineral;

- j. Traffic Management Plan;
- k. Detail development of the Green Belt / Green Cover and the landscape plan;
- I. EMP during construction & operational phases.

The committee is of the opinion that the information be furnished and the conditions complied with for approval to grant the EC by the SEIAA."

Requisite documents as furnished pursuant to the observations of the Committee with records were placed before the Committee. The Drone images and the video captured showing the topography, location of the proposed project area was also presented before the Committee.

The august Committee thoroughly deliberated upon the matter and also discussed on each of the relevant issues after presentation under consideration. It was specifically suggested by the Committee that special attention needs to be paid by the Proponent in the matter of greenery around the premises where in the inmates could feel the benefits due to greenery by raising plants of religious importance, health benefits having medicinal importance as also being of aesthetic nature etc. The Committee is also of the considered opinion that adequate provision is made by the proponent for the inmates specially for the Children, the Women and as well for the elderly inmates for a YOGA Hall (Yoga Centre) wherein a trained personnel in Yoga could come to train the inmates adequately for a healthy living.

The total plot area of the proposed residential complex is at least 9,742.39 Sqm and, therefore, around 1220 numbers of plants are to be planted by the project proponent at suitable locations and patches in the plot area covering at least 975 Sq m, which is 10 % of the plot area with evergreen species of plants which could withstand storm and are primarily of aesthetic in nature and of medicinal value.

It was suggested by the committee that the plant species preferably be are of Bael (Aegle marmelos), Bakul (Mimosups elengi), Nahor (Mesua ferrea), Ashoka (Saraca asoca), Kanchan (Bauhinia purpurea), Joba (Hibiscus rosa sinensis), Sonaru (Cassia fistula), Putranjiba (Putranjiva roxburghii), Tezpatta (Cinamomum tamala), Dalchini (Cinamomum zeylanicum), Sewali phul (Nyctanthes arbor tris tis), Sanseviera zelanica, indigenous flowering plant species of herbs and shrubs like Kamini Kusum (Murraya paniculata), Aparajita (Clitorea ternatea), Narasingha (Murraya koengii) etc etc.

The Committee felt it expedient that the numbers of plants should not be restricted to the stipulations and the same should invariably be increased accordingly comprising of herbs, shrubs, climbers and trees, etc

with touch of religious utility of flowering plants and effort to garner support from the inmates for future maintenance with their active support, particularly school going Children. Efforts need to be put to get the plants with their scientific names, local names properly labeled showing medicinal value for appreciation by the inmates.

The committee after due deliberations and discussions recommend for grant of the EC by the SEIAA with mandatory compliance of conditions of Indian Green Building Council (IGBC) or GRIHA (Green Rating for Integrated Habitat Assessment) / LEEDS (Leadership in Energy and Environmental Development Systems) including the proposed greenery around the premises, as prescribed, and the same are to be uploaded in the PARIVESH portal. Further, the STP is to be managed by the Project Proponent for the period even after handing over the projects to the stakeholders. The PP shall have AMC with the STP provider for operation and maintenance for a period of at least 10 yrs at the initial / 1st instance and their maintenance shall be ensured by the PCB, Assam. Centralized AC and the exhaust over rooftop of the commercial segment has to be followed. Certificate from the Central Ground Water Commission for use of water in the operational phase needs to be obtained by the Proponent.

The cost earmarked for the environmental safeguards contained in the Environment Management Plan (EMP) amounting to Rs 345 Lakh as Capital Cost and Rs 4.1 Lakh as recurring cost per year against each of the components shall have to be utilized and shall not be diverted for any other purposes and year wise expenditures both in constructional and operational phases shall be reported to the PCB, Assam & SEIAA, the Regional Office, MoEF & CC, GoI, Guwahati along with the break up of expenditures for record and monitoring.

EC for Na-Pani Sarthe Killing Gaon (Govt. Land Stone Permit Area) proposed by Sri Bhupen Killing (SIA/AS/MIN/419307/2023) SEIAA. 3404/2023

This proposal was discussed in the 3rd SEAC Meeting held on 1st Dec, 2023. Deliberations and discussions as held on the aforesaid meeting and the resolutions taken by the SEAC is as follows:



Resolution 3/1:

"The Project Area as allotted is measuring 4.37 Ha with the recommended quantity of 50,000 cu.m Stone in 2 (two) years as per the approved Mining Plan @ (25,000 cum stone annually). The Mining Plan was prepared by the Required Qualified Person (RQP) Dr Abhijit Bora and the proposed mining area was visited by the RQP while the same was approved by the Director, Geology and Mining, Govt. of Assam on 29.11.2022. The quantum of stone to be extracted from the area annually is @ 25,000 cum. The DFO, Karbi Anglong East Division, Diphu had recommended the proposal for extraction on 14.02.2023.

Necessary documents submitted in support of the proposal is examined and appraised. Recommendation of the concerned DFO dated 14th February, 2023 and the EDS submitted dated 15.06.2023 are considered. Due discussions and deliberations is held. The committee observed that mining in the nearby areas as proposed in the approved Mining Plan are noticed which need to be ascertained by the committee through on the spot verification to be assisted by the DFO, Karbi Anglong East Division, Diphu and also the RQP Dr Abhijit Bora. The Committee felt it expedient to consider the case afresh in the next meeting on receipt of the report of the fact finding Team to be constituted for the proposes. The project proponent shall invariably be present at the proposed Mining Area on the appointed date of visit of the sub-committee.

Therefore, the matter is proposed to be listed in the next sitting for appraisal of the Committee."

As a sequel to the decisions taken by the Committee a field visit was undertaken by a sub-committee pursuant to the order issued on 04.12.2023 and inspection of the proposed site was done by the sub-committee on 14.12.2023. Accordingly, the field visit report was received on 28.12.2023 by the SEAC. The said report was discussed as placed before the Committee and excerpts of the report as relevant to the issue is reproduced as under:

"The project is located on a hill top and the site is covered with vegetation. There is no road leading to the project site, only a track path exists towards the site. Access to the actual project site was difficult as there

was not even a track path. The team could approach up to about 100 m from the site. However, no sign of any activity could be seen.

It is seen that there are several stone mines near the concerned project location. The entire area looked like a stone quarry hub."

The Committee deliberated on the issue and appreciated that the LoI had already been issued in favour of the project Proponent. Besides, some of the areas falling under Karbi Anglong are remote with not much of connectivity and some of these hills are almost free from human interference / activity. It has been highlighted in the report of the Sub Committee that there are mining activities going in nearby areas which need to be checked if not with valid ECs by the DFO by invigorating proper monitoring of the area.

It was categorically suggested by the Committee that the DFO shall personally ensure no mining activities are carried out without a valid EC and it was also opined that allowing mining activity in the proposed area may check and control the illegal activity, if any, around the area as the persons engaged for the purposes may be actively engaged in the permitted area under the proposal.

After due discussions and deliberations the Committee recommended the project proposal for grant of EC by the SEIAA approving extraction of 50,000 cum of stone @ 25,000 cum / year from the proposed mining site within a period of 2 (two) years subject to the conditions that (a) mining shall be confined and limited to the area falling within GPS coordinates; (b) there shall not be use of explosives for mining activity without prior approval and permission from the competent authority and (c) plantation activities are to be carried out in and around the project area in plot(s) of land measuring around 0.50 Ha (as to be identified and raised / established) preferably of the species comprising of medicinal value and of aesthetic value in the institutions like Schools, Public places with due consultation with the DFO concerned as a post reclamation and mitigation measure.

The Divisional Forest Officer, Karbi Anglong East Division shall ensure due vigilance in the mining area to avert any kind of irregularities during the mining period. Further, the DFO is to ensure that mining shall be allowed only within the approved mining site and not beyond the limits of the same.



Accordingly, the DFO shall ensure marking the boundary of the mining site on the ground fixing permanent concrete pillars, painted yellow, with the coordinates depicted therein on the pillars / posts, following the GPS coordinates mentioned in the approved mining plan.

The meeting is ended with vote of thanks to the Chair.

W

Chairman SEAC, Assam

Memo No. SEIAA.33/2013/Pt-I

-A

Dated: 14 /02 / 2024

Copy to:

- The Chairman, State Environment Impact Assessment Authority (SEIAA), Assam for favour of kind information.
- The Member Secretary, State Environment Impact Assessment Authority (SEIAA), Assam for favour of kind information and necessary action.
- 3) All Hon'bie Members, SEAC, Assam for favour of their kind information.
- 4) Concerned DFOs for their information and necessary action.
- Accountant cum Cashier of the office of the SEIAA, Assam for his information.
- Office copy for each proposal in question.

Member secretary, SEAC, Assam