

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

Minutes of the 4th meeting (2nd sitting) of the State Expert Appraisal Committee (SEAC), Assam was held at 2-00 PM to 5.00 PM on 28th December, 2023 in the Conference Hall of the Pollution Control Board, Assam, Bamunimaidam, Guwahati-781021.

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

<i>Sl no.</i>	<i>Name</i>	<i>Designation</i>	<i>Signature</i>
<i>1</i>	<i>Sri Jatindra Sarma, IFS (Retd.)</i>	<i>Chairman, SEAC</i>	<i>Sd/-</i>
<i>2</i>	<i>Dr. Rahul Mahanta</i>	<i>Member, SEAC</i>	<i>Sd/-</i>
<i>3</i>	<i>Sri. Arup Barpujary</i>	<i>Member, SEAC</i>	<i>Sd/-</i>
<i>4</i>	<i>Shri Shantanoo Bhattacharyya</i>	<i>Member, SEAC</i>	<i>Sd/-</i>
<i>5</i>	<i>Dr. S.K.Dutta</i>	<i>Member Secretary, SEAC</i>	<i>Sd/-</i>

The 4th meeting (2nd sitting) of the State Expert Appraisal Committee (SEAC), Assam was held on 28th December, 2023 from 2-00 PM onwards till 5.00 PM in the Conference Hall of the Pollution Control Board, Assam, for detail discussions and deliberations on the project proposals as per the agenda circulated to all concerned on 22nd December'2023.

At the very outset, the Member Secretary of the SEAC welcomed all the Hon'ble Chairman, EAC and the Hon'ble Members of the Committee and also Professor (Dr) Khanindra Pathak, Kharagpur IIT who was requested to attend to the proceedings with a request to put forth his suggestions/opinion on relevant issues under deliberation. The Member Secretary, SEAC 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:

- 1. Proposal for grant of EC for "Residential Project at Village: Barsajai, Beltola, District- Kamrup (M), Assam " proposed by M/s Myriad Developers; SEIAA. 3609 /2023 (SIA/AS/MIN/448719 /2023)**

Resolution 4/1:

The Project is for construction of a Residential Building at Barsajai, Beltola, Kamrup Metro, Guwahati, Project proponent **M/s Myriad Developers**, applicant being Mr Sahil Agarwal.



The total built up area of the proposed residential complex is **22,212.2** Sqm while the Plot area is **6,408.21** Sqm. The project includes 153 Residential Dwelling units and a Banquet Hall.

Project cost is estimated at Rs **36.33** Crore.

Requisite documents requiring clearances from the statutory bodies are uploaded including the EMP, the Waste Management Plan, STP with its diagram, Rain Water Harvesting (RWH), Solid Waste Management Scheme and the Registered Agreement in respect of Land Deed. Parking Plan is also uploaded. Consent To Establish (CTE) is found wanting for the purposes.

Presentation was made by the consultant Grass Roots Research and Creation India (P) Ltd supported by the Project Proponent.

Distances of the Project from the boundary of the Protected Areas (PAs) namely, Deepor Beel W.L.Sanctuary (Ramsar Site) and Amsung Wildlife Sanctuary are **9.5** km and **6.8** km respectively. It is clarified by the Proponent that there is no bar on construction as the plot is beyond the boundary of the ESZ.

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 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 **6,408** 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 64 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*), 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*), Chandan (*Santalum album*), Agor (*Aquillaria malaccensis*), Tezpatta (*Cinamomum tamala*), Dalchini (*Cinamomum zeylanicum*), Sewali phul (*Nyctanthes arbor tris tis*), Money plant (*Araceae* member), *Sansevieria*

zelanica, indigenous flowering plant species of herbs and shrubs like Kamini Kusum (*Murraya paniculata*), Aparajita (*Clitoria ternatea*), Narasingha (*Murraya koengii*) 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 labelled 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 ETP provided for operation and maintenance for a period of atleast 10 yrs at the initial/ 1st instance and their maintenance shall be ensured by the PCB, Assam. The Proponent shall also arrange for centralized AC with exhaust at the roof top of the building.

The cost earmarked for the environmental safeguards contained in the Environment Management Plan (EMP) amounting to **Rs 25.368** Lakh as Capital Cost and **Rs 15.342** 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.

2. **Proposal for grant of EC for “Commercial Building Project at G.S. Road, Near Six Mile Flyover, Guwahati, Dist- Kamrup (M), Assam ” proposed by M/s Greentech Projects; SEIAA.3610/2023 (SIA/AS/MIN/451250 /2023)**

Resolution 4/2:

The Project is for construction of a Commercial Building at Six Mile Flyover, Kamrup (Metro), Guwahati-21 by the Project proponent **M/s Greentech Projects**, applicant being Mr Ritesh Bawri.



The total built up area of the proposed commercial complex is **22,100** Sqm and the Plot area involved is **5,801** Sqm. The project is comprising of the Commercial facilities like shops, offices, restaurants. The project cost is estimated at Rs **48.63** Crore.

Requisite documents requiring clearances from the statutory bodies are uploaded and submitted besides the EMP, the Waste Management Plan, STP with its detail diagram, Rain Water Harvesting (RWH), Solid Waste Management Scheme and the relevant land documents. Parking Plan is also uploaded.

Presentation was made by the consultant **Grass Roots Research and Creation India (P) Ltd** in presence of the Project Proponent.

Distance from the boundary of the Protected Area namely, from the Amsung Wildlife Sanctuary is nearly 7.88 km. It is clarified by the Proponent that there is no bar as not strictly a prohibited activity attracting the provisions of the ESZ. 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 ETP provide for operation and maintenance for a period of atleast 10 yrs at the initial/ 1st instance and their maintenance shall be ensured by the PCB, Assam.

The august Committee thoroughly deliberated upon the matter after presentation and also discussed on each of the relevant issues 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 as this project is a commercial venture.

The total built up area of the proposed commercial complex is **22,210** Sqm, therefore, around **280** numbers of plants are to be planted by the project proponent at suitable locations and patches in the plot area covering **58 Sq mt** comprising 10 % with evergreen species of plants which could withstand storm and are primarily of aesthetic value.

It was suggested by the committee that the plant species preferably be are of Bakul (*Mimosups elengi*), Nahor (*Mesua ferrea*), Ashoka (*Saraca asoca*), Kanchan (*Bauhinia purpurea*), Joba (*Hibiscus rosa sinensis*), Sonaru (*Cassia fistula*), Putranjiba (*Putranjiva roxburghii*), Sewali phul (*Nyctanthes arbor tris tis*), flowering plant species of herbs and shrubs like Kamini Kusum (*Murraya paniculata*), Aparajita (*Clitoria ternatea*) 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 labelled 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 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 Proponent shall also arrange for centralized AC with exhaust at the roof top of the building. The requisite permission for use of ground water from the competent authority (Central Ground Water Authority) shall be obtained by the project Proponent and submitted to the SEIAA for record.

The cost earmarked for the environmental safeguards contained in the Environment Management Plan (EMP) amounting to **Rs 78.62 Lakh** as Capital Cost and **Rs 15.342 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.

3. **Proposal for grant of EC for Commercial and Residential Building “Arya Arcade” at NH-31 Dhopatari Bazar, near AIIMS, Changsari Dist- Kamrup (M), Assam proposed by M/s Arya Erectors India; SEIAA.3620/2023 (SIA/AS/MIN/438326 /2023)**

Resolution 4/3:

The Project is for construction of the Commercial cum Residential Building at Changsari, near AIIMS, Kamrup (Metro), Guwahati by the Project proponent **M/s Arya Erectors Pvt Ltd** represented by its Director Er Anil Kr Sarma.

The total built up area of the proposed commercial complex is **26,352.25 Sqm** and the Plot area involved is **6939 Sqm**. The project comprises of Dwelling Houses-139, 1-Shopping Mall, Multiplex-2 Screen, Hotel-1. It has two Blocks A Block comprising up to 11th Floor and B Block up to 8th Floor.

The project cost is estimated at **Rs 79.15 Crore**.

Requisite documents requiring clearances from the statutory bodies are uploaded and submitted besides the EMP, the Waste Management Plan, STP with its detail diagram,



Rain Water Harvesting (RWH), Solid Waste Management Scheme and the relevant land documents.

The august Committee thoroughly deliberated upon the matter after presentation and also discussed on each of the relevant issues 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 as this project is a commercial venture.

The total built up area of the proposed commercial complex is **26,352.25** Sqm, therefore, around **320** numbers of plants are to be planted by the project proponent at suitable locations and patches in the plot area covering **6939 Sq.m** comprising 10 % with evergreen species of plants which could withstand storm and are primarily of aesthetic value.

It was suggested by the committee that the plant species preferably be are of Bakul (*Mimosups elengi*), Nahor (*Mesua ferrea*), Ashoka (*Saraca asoca*), Kanchan (*Bauhinia purpurea*), Joba (*Hibiscus rosa sinensis*), Sonaru (*Cassia fistula*), Putranjiba (*Putranjiva roxburghii*), Agor (*Aquillaria malaccensis*), Sewali phul (*Nyctanthes arbor tris tis*), flowering plant species of herbs and shrubs like Kamini Kusum (*Murraya paniculata*), Aparajita (*Clitoria ternatea*) 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 labelled 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 for 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. 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 ETP provider for operation and maintenance for a period of atleast 10 yrs at the initial/ 1st instance and their maintenance shall be ensured by the PCB, Assam.

The Proponent shall also arrange for centralized AC with provision for exhaust at the roof top of the building.



The cost earmarked for the environmental safeguards contained in the Environment Management Plan (EMP) amounting to **Rs 47.85 Lakh** as Capital Cost and **Rs 6.275 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 (Rs 30.8 Lakh as capital cost and Rs 9.90 Lakh as recurring costs) 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.

4. **Proposal for grant of the EC for production of 28375 TPA MS Billets through 1x15T Induction Furnace along with 1x18T Ladle Refining Furnace and CCM (2 strand 4/7) proposed by M/s Kade Global Infrastructure LLP, Vill-Pangram Part-I, Udharband, Dist-Cachar India; SEIAA.3611/2023 (SIA/AS/MIN/451633 /2023)**

Resolution 4/4:

The proposal requesting for grant of the EC by the Project Proponent for “Enhancing the production of MS Billets from 28,375 TPA to 90,000 TPA by installing additional 1x10T Induction Furnace to existing 1x15T Induction Furnace and 1x18T Ladle Refining Furnace along with CCM (2 strand 4/7) by M/s KADE GLOBAL INFRASTRUCTURE LLP” at Village- Pangram Part-I, P.O Udharbond in the District- Cachar, Assam proposed by KADE GLOBAL INFRASTRUCTURE LLP is placed before the SEAC for appraisal and necessary deliberation. Area of the proposed project is 2.02 Ha and falls under Category B₁ of Schedule 3 (a). Initially, ToR was granted on 31st December, 2022 and subsequently the committee after due deliberation recommended for amendment of the ToR directing the Proponent to submit the detailed EIA report. SEIAA accordingly issued amended ToR on 04.04.2023. Reason for Amendment in the ToR was owing to the grant of the ToR, initially, for the existing production capacity of 28,375 TPA, and the ToR was required to be obtained for enhanced production capacity of 90,000 TPA.

The LLP is promoted by the partners namely, Mr. Ashwin Surana, Mr. Rajesh Choraria, Mr. Rajendra Choraria and M/s Ohana Creations LLP.

Presently, the Company is having production capacity of **28,375 TPA MS Billets** through installed 1x15T Induction Furnace and 1x18T Ladle Refining Furnace along with CCM: 2 strands of 4/7 and a slag crusher of 3TPH capacity. No Environment Clearance (EC) was required for the existing plant as per the EIA Notification, 2006 (as amended) for the projects listed under the Schedule at 3(a), Metallurgical Industry (Ferrous & Non-ferrous) and involving Secondary Metallurgical Process. The prior



Environment Clearance (EC) is required only for the projects with production capacity **beyond 30,000TPA.**

However, since the case at hand is an expansion proposal, the proposed final capacity being **90,000 TPA**, therefore, the project activity falls under Category **B₁**, as per the EIA Notification, 2006 requiring appraisal by the State Expert Appraisal Committee (SEAC), Assam for grant of prior EC for the expansion project.

Public Hearing for the project was conducted on 27.07.2023 and finally EC application is submitted on 09.11.2023. The detail EIA was submitted with all statutory requirements, NOCs, permissions, CTE from the PCB, Assam etc.

All the material facts are placed before the august Committee for perusal and deliberation. The Company made presentation in detail supported by one of the Company Partners.

It is on record that the distance from the boundary of the Barail WL Sanctuary is 8.01 km and from the boundary of the ESZ is at a distance of 6.0 Km to the project site and there is no bar for expansion of the ongoing project from the Wildlife point of view.

The cost of the Project as proposed is **Rs 57 Crore** and an amount of **Rs 6.7 Lakh** is kept aside for Green Belt development around the premises by way of planting around **1700** numbers of local plant species, endemic to the Barak Valley region, covering an area of **0.67 Ha.** The Budgetary allocation made (**Rs 12 Lakh**)for development of the Schedule I species of fauna in terms of the **Conservation Plan** shall be spent accordingly under due consultation with the DFO, Cachar Division, Silchar

After threadbare discussion the Committee is of the opinion that the Company shall on priority take up all the issues emerged during the public consultation for ensuring local employment, maintenance of Health and Hygiene of the nearby villagers and also special effort for uplifting the economy of the Women folk and employment or livelihood generation scheme specially for the **differently able persons, widow, unmarried girls** in the nearby villages and shall be reflected in the mandatory Compliance Report to be submitted Half Yearly. The Committee also suggested for planting of the species for raising Green Belt comprising:

Kala Siris (*Albizzia lebbeck*), Agor (*Aquillaria malaccensis*), Defol (*Garcinia nervosa* , *Garcinia pedunculata*), Garjan (*Dipterocarpus turbinatus*), Khair (*Acacia catechu*), Mohaneem (*Azadirachta indica*), Jamun (*Syzygium cuminii*), Champa (*Magnolia spp*) etc etc.

The Committee further advised the Proponent for compliance and to maintenance of all the parameters pertaining to the Environmental Management Plan (EMP)



meticulously in a holistic manner to showcase itself as an exemplary environmental friendly industry. The cost earmarked for the environmental safeguards contained in the Environment Management Plan (EMP) as Capital Cost and 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 expansion 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. The CSR fund earmarked and Budgeted amounting to **Rs 39 Lakh** in 2 (two) years shall have to be spent accordingly and no deviation/ diversion of the earmarked fund shall be allowed which need to be uploaded in the half yearly compliance report with pictorial evidences.

The Committee with the above observations recommend the SEIAA for grant of the EC accordingly.

5. EC for manufacturing unit Kamlang Saw & Veneer Mills Private Limited of 7500 MTPA capacity that produces timber based products and resins of 475 MTPA by Kamlang Saw & Veneer Mills Pvt Ltd; SEIAA. 3603/2023 (SIA/AS/IND3/436150/2023)

- a. Date of submission 10/07/2023
- b. EDS replied on 6/11/2023
- c. Location Palashbari
- d. Manufacturer of plywood, block board, flush doors, amino plastic resin and phenolic resin.
- e. Name of applicant : Abhishek Khetan (Director)
- f. Project cost: 8.93 Crore
- g. Land area 1.3 Ha
- h. KML file uploaded and found to be correct
- i. Green belt area proposed 0.07 Ha (5%)
- j. No of tree saplings to be planted 10,000
- k. Funds for plantation 5 Lakhs
- l. CTO from PCBA dt 7/6/2022 valid till 31/03/2023
- m. NOC from Palashbari Municipal Board
- n. Documents submitted- EMP, PFR

Resolution 4/5:

As the case at hand is similarly placed with that of the project under the Project at Sl 6 where in site inspection is conducted and, therefore, the observations / findings of the august sub-committee is awaited and the same shall be attended to accordingly deserving its merit.



6. **EC for Regularization of existing manufacturing unit- Khandelwal Saw Mills private limited that produces timber based products of capacity 8972 MTPA and resin of capacity 243 MTPA by Khandelwal Saw Mills Private Limited. (SIA/AS/IND3/439525/2023) SEIAA. 3606/2023**
- a. Date of submission 7/08/2023
 - b. EDS reply on 6/11/2023
 - c. Location Palashbari
 - d. Name of applicant Bhawesh Mittal (Director)
 - e. Project cost 12 Crore
 - f. CTO from PCBA dated 27/06/2022 valid till 31/03/2023
 - g. NOC from Palashbari Municipal Board
 - h. KML file examined and found correct
 - i. CGWA- Exemption letter as use of water is less than 10 cum / day
 - j. Documents submitted- EMP, PFR
 - k. Registered Deed of Sale uploaded
 - l. Status of licence for Wood based Industries

Resolution 4/6:

As the case at hand is in the process of site inspection, therefore, the observations / findings of the august sub-committee is awaited and the same shall be attended to accordingly deserving its merit.

7. **Regularisation of existing manufacturing unit-Gitanjali Udhyog that produces Plywoods of capacity 6000 MTPA and resins of capacity 500 MTPA by Gitanjali Udhyog (SIA/AS/IND3/449744/2023), SEIAA. 3605/2023.**



- a. Date of submission : 21/10/2023
- b. Location : Palashbari
- c. Name of applicant: Pawan Kumar Harlalka(Partner)
- d. Project cost 3.27 Crore
- e. Land construction permit from Palashbari Municipal Board, dt 2/2/2008
- f. KML file examined and found correct
- g. Project report
- h. Documents submitted- EMP, PFR
- i. Registered Deed of Lease uploaded
- j. Solid Waste Management Plan & Rain Water Harvesting plan uploaded
- k. Fire fighting system uploaded
- l. Disaster Management Plan uploaded

Resolution 4/7:

As the case at hand is similarly placed with that of the project under the Project at Sl 6 where in site inspection is conducted and, therefore, the observations / findings of the august sub-committee is awaited and the same shall be attended to accordingly deserving its merit

8. **Regularisation of manufacturing unit- Ju Polymers Private Limited that produces MF Resin of 400 MTPA and pre-laminated Particle Board of 7,20,000 Sq ft/month Ju Polymers Private Limited (Proposal No: SIA/AS/IND3/448735/2023) SEIAA. 3604/2023.**



- a. Date of submission: 13/10/2023
- b. Location : Bahupara Dakshin Rani
- c. Name of applicant: Niraj Jajodia(Director)
- d. Project cost 6.89 Crore
- e. NOC from Rani Anchalik Panchayat as the area is at Rani Industrial Area.
- f. KML file examined and found correct
- g. Documents submitted- EMP, RWH plan, Solid Waste Management Plan, Fire fighting system, Disaster Management Plan
- h. Registered Lease Agreement uploaded
- i. Solid Waste Management Plan & Rain Water Harvesting plan uploaded
- j. Fire fighting system uploaded
- k. Disaster Management Plan uploaded
- l. Green Belt
 - Area proposed for green belt=130 Sq.m.
 - Width of green belt=1 Meter
 - Percentage of green belt=7
 - Details of species: Areca plam, neem, haritaki, eucalyptus, deodar, mango etc.
 - No of tree saplings to be planted= 2000 Nos
 - Funds allocated for plantation= Rs 3 Lakh

Resolution 4/8:

As the case at hand is similarly placed with that of the project under the Project at SI 6 where in site inspection is conducted and, therefore, the observations / findings of the august sub-committee is awaited and the same shall be attended to accordingly deserving its merit.

9. **Proposal for grant of EC for Residential cum Commercial Building “Ashi Ville” at NH-37 at Betkuchi, Opposite-DTO Office, Guwahati, Dist- Kamrup (M), Assam proposed by M/s Priyashi Ashi Developers Private Ltd; SEIAA.3600/2023. (SIA/AS/MIN/436361 /2023).**

Resolution 4/9:

The Project is the Construction of a Residential cum Commercial Building at Betkuchi, opposite to the DTO Office, Kamrup (Metro), Guwahati by the Project proponent **M/s Priyashi Ashi Developers Private Ltd.**, applicant being Mr Sandeep Agarwal, Director.

The total built up area of the proposed complex is **49,085.90** Sqm while the Plot area involved is **11,543.92** Sqm. The project consists of 1 (one) Commercial Block and 4



(four) Residential Blocks.

Project cost is estimated at Rs **5.0** Crore.

Requisite documents requiring clearances from the statutory bodies are uploaded including the EMP, the Waste Management Plan, STP with its detailed diagram, Rain Water Harvesting (RWH), Solid Waste Management Scheme and the Registered Agreement in respect of Land Deed. Parking Plan is also uploaded. Consent To Establish (CTE) is found wanting for the purposes which need to be uploaded with the Half Yearly Compliance Report.

Presentation was made by the consultant **Rian Enviro Pvt Ltd** duly supported by one of the Project Proponents.

Distance of the project from the boundary of Deepor Beel W.L.Sanctuary (Ramsar Site) **3.1** km. It is clarified by the Proponent that there is no bar as not strictly falling in the prohibited activities attracting the ESZ.

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 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 **11,543.92** Sqm, therefore, around **145** numbers of plants are to be planted by the project proponent at suitable locations and patches in the plot area covering **240 Sq.m** comprising 20.73% 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*), 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*), Chandan (*Santalum album*), Agor (*Aquillaria malaccensis*), Tezpatta (*Cinamomum tamala*), Dalchini (*Cinamomum zeylanicum*), Sewali phul (*Nyctanthes arbor tris tis*), Money plant (*Araceae* member), *Sansevieria zelanica*, indigenous flowering plant species of herbs and shrubs like Kamini Kusum

(*Murraya paniculata*), Aparajita (*Clitoria ternatea*), Narasingha (*Murraya koengii*) 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 labelled showing medicinal value for appreciation by the inmates.

A sub-committee was constituted for an on the spot site inspection of the plot area in question and the august Body submitted their field inspection report dated 18.12.2023 as caused on 13.12.2023. The same was also placed before the august body for appraisal. The report *inter alia* among others state in the remark paragraph that ***“The Project Proponent during discussion at site informed that the construction work was initiated in the month of September, 2023, after applying for the EC. The Project Proponent also contended that as there was no SEIAA/SEAC in existence at that point of time, considering the uncertainty of initiation of the EC process, the construction work was started keeping in mind the commercial aspect of the project.”*** On perusal of the report it shows that the Proponent had started some ground works of piling etc after obtaining necessary permissions from the concerned Regulatory Bodies like GMDA etc although the sub-committee did not notice any ongoing activity in progress in the field for development of the project. Upon query during the course of presentation, the Proponent had pressed that they had applied for the EC to the SEIAA on 16.07.2023 and was awaiting the grant of the EC. The Proponent, however, admitted the fact that they were not very seriously considering this to be a violation case in view of the inordinate delay in disposal of their case due to the circumstances with grant of the EC by the SEIAA while they were already in possession of the other permissions, as necessary, and pleaded for sensitizing the Builders and Developers as some stake holders in the field may not be aware of the provisions and consequences as a result of such unintentional violation. They also prayed the Committee, ***unconditionally***, that the lapses on the part of the Proponent be ***condoned*** and not be treated as a violation case. The Committee considering the circumstances and the pleadings of the Proponent decided to issue a caution note to refrain from such acts of omissions. This shall however be subject to the outcome of the case pending disposal before the Hon’ble Supreme Court whereby the operation of the SOP issued by the Ministry (MoEF & CC) dated 7th July, 2021 and 28th January, 2022 are stayed in the matter of WP(C) No 1394/2023 (Vanashakti vs Union of India) vide its order dated 02.01.2024.

The committee after due deliberations and discussions cautioned the Proponent not to resort to such ***malpractices*** for future and proposed to 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) concepts including the proposed greenery around the premises, landscaping 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 ETP provider for operation and maintenance for a period of atleast 10 yrs at the initial/ 1st instance and their maintenance shall be ensured by the PCB, Assam.

The Proponent shall also arrange for centralized AC with exhaust at the roof top of the building.

10. Proposal seeking Terms of Reference (ToR) for Proposed Residential cum Commercial Building “Aashi Marq” at Adabari, Guwahati, Dist- Kamrup (M), Assam proposed by M/s Map Buildcon Private Ltd; SEIAA.3497/2023 (SIA/AS/MIN/432464 /2023)

Resolution 4/10:

The project is *prima facie* a violation project of proposed Residential cum Commercial Building named as “Aashi Marq” at Adabari, Guwahati, Kamrup (M), Assam. The person making the application is Mr Umesh Kumar Beria (Authorized signatory, MAP Buildcon). The total plot area is measuring **24,196.28** Sqm while the Built up area is **99,676.68** Sqm. The project is comprising of 5-Residential Blocks , 1-Commercial Block and a Club House. There are 4 (four) Residential Blocks with G +16 floors and 1 (one) with G + 13 floors. Cost of the project is proposed at **Rs 196** Crore.

The matter was placed before the august SEAC body for deliberation and discussion for issue of ToR in the meeting on 10.11.2023. Deliberations were made and thorough discussions held on the presentation made by the Consultant for the Project Proponent. 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.

It is noted that an inspection of the project was done on 1st March,23 by a Team comprising of the members of the SEAC and, there after, the applicant Proponent was asked to stop all kinds of constructional works. There were allegations of having continued their works and, therefore, it was felt expedient to have the exact information by way of ground truth verification by a team comprising of domain experts in the field to ascertain the veracity of such allegations.

Accordingly, a sub-committee was formed for inspection of the site, progress of works with a *special invitee* to assist the sub-committee and the said Committee had thoroughly inspected the works on 16.11.2023 and submitted their report on 05.12.2023. ***It is assessed by the Committee that Residential Blocks were completed up***



to 13th floors and Basement floor of Commercial Block is 60% completed. Overall 35.27% of the project work had been completed (physical progress) as reported by the special invitee (EE, PWD, Jalukbari and Guwahati West Territorial Building Division) who was *co-opted* to assist the sub committee. During inspection it was noticed by the Committee that there was no external or internal ongoing activity in progress of the project.

The field report goes to show that 35.27% of the physical structures have been completed till the day of inspection by the sub-committee while constructional works are stopped by the Proponent. The status of construction was also corroborated from the statement furnished by the CA responsible for the upkeep of Book of Accounts for the Proponent showing financial expenditures of **Rs 49,98,87,900.00** for constructional purposes while the estimated cost of the project at hand is Rs 196 Crore.

In the 2nd meeting held on 10.11.2023 it was also decided by the august Committee to impose additional **ToR** points which were required to be submitted / clarified as under:

1. The KML file reveal that the plot area in question is **20,866.85** Sq m . However, in Form-I the total plot area is shown to be **24,198.28** Sq m the apparent difference need to be clarified.
2. Item wise Break up of total project cost incurred up to the date of filing of the application along with EIA / EMP Report and also the break up of costs item wise incurred as on date of inspection of the project by the august Committee, separately for the Residential component and Commercial Component.
3. Detail development of the Green Belt / Green Cover and the landscape plan.
4. EMP during construction & operational phases.

Requisite documents requiring clearances from the statutory bodies are to be uploaded including the EMP, the Waste Management Plan, STP with its diagram, Rain Water Harvesting (RWH), Solid Waste Management Scheme and the Registered Agreement in respect of Land Deed. Parking Plan is also to be uploaded.

Consent To Establish (CTE) is found wanting for the purposes which need to be uploaded with the Half Yearly Compliance Report.

Presentation was made by the consultant **Rian Enviro Pvt Ltd** duly supported by one of the Project Proponents.

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 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 complex is **24,196.28** Sqm, therefore, around **350** numbers of plants are to be planted by the project proponent at suitable locations and patches in the plot area covering **800 sq.m** comprising around 33% 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*), Giloy (*Tinospora cordifolia*), Bakul (*Mimosops elengi*), Nahor (*Mesua ferrea*), Ashoka (*Saraca asoca*), Kanchan (*Bauhinia purpurea*), Rudrakhya (*Elaeocarps ganitrus*), Joba (*Hibiscus rosa sinensis*), Sonaru (*Cassia fistula*), Putranjiba (*Putranjiva roxburghii*), Chandan (*Santalum album*), Agor (*Aquillaria malaccensis*), Tezpatta (*Cinamomum tamala*), Dalchini (*Cinamomum zeylanicum*), Sewali phul (*Nyctanthes arbor tris tis*), Money plant (*Araceae* member), *Sansevieria 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 the element of touch of religious utility of flowering plants and efforts 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 particularly the school going children.

The Committee further examined the report of the sub-committee as submitted on 05.12.2023. It was crystal clear from the report of inspection and assessment that there was apparently violation by way of undertaking constructional works without prior EC. However, it was submitted while presentation of the case by the Proponent that it was a *suo moto* disclosure of constructional works while they had filed the application seeking issuance of ToR by the SEIAA on 07.06.2023.

Prior to the issuance of the ToR by the SEIAA a Committee comprising of the Chairpersons, SEIAA and SEAC; Hon'ble members of SEAC, SEIAA had done an on the spot verification of the project on 1st March'2023 while detailed findings with assessment are found wanting. However, from the records available by way of a statement from the consultant Architect that around 23% of the works had been executed and there after a written instruction was issued to stop further constructional works to the project Proponent.



On deliberation by the august Committee on the issues, as poised differently, it was well considered that the Proponent be charged with the penalty adequately in terms of the provisions (SOP) of the issued by the **MoEF & CC under F.No.22-21/ 2020-IA.III dated 07.07.221** for the part of the constructional works (35.27%) as a *suo moto* disclosure entailing payment of penalty by the project Proponent @ .5% on the total project cost. The amount of money, as penalty, is to be deposited in the account of the PCB, Assam as may be decided in due course by the SEIAA.

The Committee also proposed for 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) concepts including the 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 and their maintenance shall be ensured by the PCB, Assam.

The Proponent shall also arrange for centralized AC with exhaust at the roof top of the Commercial Building.

The Committee recommend the SEIAA for grant of the ToR with the stipulations as quoted above and the on the below mentioned points for compliance accordingly by the Project Proponent and for subsequent consideration.

1. Ecological/ Environmental damage assessment needs to done with its Remediation plan needs to be submitted.
2. Natural and community resource augmentation plan needs to be submitted.

It is, however, made it clear that the Hon'ble Apex Court have already stayed the operation of the SOP contained in the aforesaid notification dated **07.07.2021** among others in *W.P. (C) No. 1294 / 2023 (Vanashakti vs. Union of India)* as duly communicated to the SEIAA by the MoEFF & CC.

In view of the above proposition, the alleged violation case at hand against the project Proponent shall not be given effect to till final adjudication of the matter by the Hon'ble Court and further instructions from the MoEF & CC.

11. **Proposal for issue of ToR for Bardanga Sand & Silt /Earth Mining Project at Beki River Bed, Village: Bardanga, P.O. -Charchoria, Kalgachia, District: Barpeta, State-Assam proposed by Sri Debadib Das; SEIAA.3599/2023 (SIA/AS/MIN/449171 /2023)**

Resolution 4/11

This is a project proposal for mining of Sand, Silt / Earth comprising an area of **61.68** Ha and the area allotted for mining is measuring **45.95** Ha. The Letter of Intent (LOI) is granted for 7 (Seven) years on by the DFO, NK Division.



The RQP Dr Abhijit Bora has prepared the Mining Plan which was duly approved by the Director Geology and Mining as forwarded vide letter dated 11.01.2023 recommending total quantity of Minor Mineral measuring 21,24,400 Cum Sand and Silt/ Earth in 5 (Five) years.

Facts were placed before the august Committee for discussions and deliberations. The Consultant Cognizance Research India Ltd represented by its Director Sri Sanchit Kumar made full and detailed presentation before the Committee. The Committee after hearing the party made the following observations, which need to be addressed by the proponent as mentioned here under:

- I. The NOC from the Water Resources Department regarding any adverse impact for mining operation in the area bounded by the Geo-coordinates.
- II. Gradation of Minor Minerals and its quantification out of Mining.
- III. As the proposed Stretch of the mining area is beyond 1 Km a gap of 50 mtrs should be kept as **non mining** (buffer zone) stretch after each 1 (one) km stretch.
- IV. 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.
- V. Plantation proposed appears to be vague in nature which need to be attended with utmost sincerity and care. The proponent shall consult the DFO concerned and come up with a realistic plantation scheme to be carried out with suitable species of plants. The expenditures involved up to its establishment need to be worked out and the requisite fund may be made available to the DFO, Social Forestry Division, Barpeta for proper execution in the field and accountability. This may be decided by the concerned DFO. It is to be noted that local Educational institutions, public places (Graveyard, Namghar, Satras, Majids) etc etc be given priority for plantation works involving the local population, School Children, NGOs etc with adequate safe guards for survival. The species of plants should be aesthetic in nature, of Medicinal importance, of Evergreen in nature etc. Each of the plants so planted should be with label showing its scientific name, local name and its medicinal importance when done in Educational Institutions.
- VI. The recommended species of plants in the locality could be of species like Bakul (*Mimops elengi*), Agor (*Aquillaria malaccensis*), Amlokhi (*Phyllanthus emblica*), Hilikha (*Terminalia chebula*), Thekera (*Garcinia morella*, *Garcinia pedunculata*), Bael (*Aegle marmelos*), Bokphul (*Sesbania grandiflora*), Mohaneem (*Azadirachta indica*), Jamun (*Syzygium cumini*), Kordoi (*Averrhoa carambola*), Arjun (*Terminalia arjuna*) etc etc.
- VII. Details of plantations in the areas are to be quantified and worked out meticulously covering the area as earmarked.

In the process of Public hearing to be conducted in due course, all stake holders are to be invited including Public Representative and the Registered NGOs with their up to



date renewal of the Registrations (of the respective NGOs) and such PH are to be conducted PCB, Assam and a detailed report submitted accordingly to the SEIAA.

With the above stipulations the Committee is of the considered opinion to recommend issue of ToR to the Project Proponent.

12. **Proposal for seeking extension of the EC for Mrh Maxim Guwahati Hotel cum Office proposed by Maxim Infrastructure and Real Estate Private Ltd; SEIAA.3546/2023 (SIA/AS/MIN/300610 /2023)**

Resolution 4/12:

For the sake of brevity the discussions held and the resolution adopted by the SEAC in its meeting held on 10th Nov' 2023 is reproduced below in verbatim.

"It is a proposal seeking extension of the Environmental Clearance (EC) granted earlier by the MoEF and CC, GoI on 01.06.2011.

The project proponent is represented by **Mr Ashish Jasrasaria**, who has submitted the proposal on 27th June, 2023. The project site is located at Dispur, Guwahati with the plot area measuring **8292 Sqm** and the Built up area of **30,401.67 Sqm**. The proponent has duly applied under prescribed Form No- 6 but without submission / uploading of the mandatory **Compliance Report**, which is required to be complied with for further processing.

It is on record that the EC was granted by the GoI in the Ministry of Environment, Forests and Climate Change (MoEF &CC) for a period of 7 (Seven) Years there by meaning that the validity of the EC so granted expired on 31st May, 2018. There are no records to show that the Company had ever applied for extension of the EC, as was eligible, for another 3 (Three) years' time for the purpose based on the then prevailing MoEF & CC Notification. The present Notification under OM No F.No 1A3-22/28/2022-1A.111 [181584] dated 13th Dec, 2022 envisages clearly for grant of the EC for **10 (Ten)** years extendable by another **1 (One)** Year. In the instant case, the situation is peculiarly poised in as much as the proponent Company had failed to apply for extension in the stipulated time frame as mandated under the said notification and, ordinarily, there is no basis based on which Extension of the EC could be granted by the SEIAA.

The reasons explained and furnished in the application before the SEIAA is perused, relied upon the supporting papers as made available and the delay caused in approach for the extension of the EC are genuinely found to be with merit and there have been no deliberate delay and latches on the part of the present Project Proponent. Reasons elaborated with documentary evidences go to show that necessary applications or for the purpose of submission of mandatory compliance Reports in terms of the EC granted were beyond the control of the present Project Proponent. The primary reasons being the moratorium imposed due to intervention of the Hon'ble Tribunal, NCLT, Guwahati



Bench and the Covid-19 Pandemic, change in the entire management of the company due to reasons of insolvency etc etc. The delay part is adequately covered by such litigation, orders including moratorium imposed on the consortium of Banks. This is an exceptional case at hand and, therefore, needs further appraisal and deliberation after an on the spot study / inspection by a team of Hon'ble members of the SEAC with domain experts within a short time to ascertain if there be any violation or change required to be made / imposed or resorted to in terms of the latest guidelines governing grant of the EC or Extension of the EC by the SEIAA. Proposed visit of the august Committee members will be communicated to the present Proponent for presenting and facilitating inspection, study of records.

The matter was placed before the august committee and on deliberations, discussions sought the detail information on the project from the proponent covering the under mentioned points before presentation on an appointed date. The information required to be furnished and explained in the meeting before the Committee for further consideration and disposal of the case for grant of Extension of the EC by the SEIAA are:

- I. Approved Plan by the GMC & GMDA, Guwahati;
- II. Disaster Management Plan;
- III. Rain Water Harvesting, Sewage Treatment Plan (STP);
- IV. Certificate regarding use of ground water from the Central Ground Water Commission;
- V. Solid Waste Management with segregation mechanism and their disposal plan;
- VI. Concept of Green Building with its stipulations for use of Solar Energy;
- VII. Storm Water Drainage Management Plan;
- VIII. Development of Green Belt etc etc the conditions which were primarily stipulated in the EC during 2011 by the MoEF & CC.

The Committee is of the considered opinion that a detailed presentation be made in the next sitting for explaining the above parameters with the compliance sought indicated there in for recommendation of granting Extension of the EC for a period of 1(one) year by the SEIAA condoning the delay part.”

Pursuant to the Resolutions of the SEAC a sub-committee comprising of the Hon'ble members was constituted for inspection of the project site and assessment made thereto by way of inspection on **03.12. 2023** and a report was filed on **21.12.2023**. The report of the Committee is placed before the SEAC. On bare perusal of the report it is seen that the construction of the project had almost been completed by the earlier project Proponent namely Maxim Infrastructure and Real Estate Pvt Ltd in terms of the EC granted by the MoEF & CC in 2011. Among other matters, the instant report also highlights the chronological events relating to the High Court Cases, Orders passed by Hon'ble Tribunal (NLCT), Order passed by the NCLAT etc etc from October 2019 till May, 2023.



The sub-committee also suggested / stipulated certain conditions which need compliance by the Proponent:

1. Dual plumbing system shall be installed for recycling of treated water from the STP.
2. The outside exposed areas be paved with porous concrete or pavers block to the maximum extent and as far as possible.
3. In house solid waste composting system like installation of organic waste converter shall be made mandatory.

A detailed presentation was also made by the Project Proponent and one of the partners of the Company. The project with Built up area of **30,401.67 Sqm** is comprising of **Hotel-G+8; Office-G+7; 2 Level Basements** having facilities for **180** luxury rooms with Office complex.

Upon due discussions and deliberations it emerged that the condition as stipulated under Sl (i) regarding the permission from the GMDA is still found wanting besides the fulfillment of the conditions stipulated at Sl (viii) regarding the status of development of the Green Belt around the premises and the scope / area left out / earmarked for doing so could not be justifiably explained. The above deficiencies are required to be complied with and details are to be furnished and uploaded in the PARIVESH portal.

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 greenery around the premises where in the inmates could feel the benefits due to greenery by raising plants 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 and demonstrate the inmates adequately for a healthy living.

The proposed 30% of the area as earmarked for greenery within the premises measuring **2490 Sqm**, therefore, around **300** numbers of plants are to be planted by the project proponent at suitable locations and patches in 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*), Giloy (*Tinospora cordifolia*), Bakul (*Mimosops elengi*), Nahor (*Mesua ferrea*), Ashoka (*Saraca asoca*), Kanchan (*Bauhinia purpurea*), Rudrakhya (*Elaeocarps ganitrus*), Joba (*Hibiscus rosa sinensis*), Sonaru (*Cassia fistula*), Putranjiba (*Putranjiva roxburghii*), Chandan (*Santalum album*), Agor (*Aquillaria malaccensis*), Tezpatta (*Cinamomum tamala*), Dalchini (*Cinamomum zeylanicum*), Sewali phul (*Nyctanthes arbor tris tis*), Money plant (*Araceae* member), *Sansevieria*

zelanica, indigenous flowering plant species of herbs and shrubs like Kamini Kusum (*Murraya paniculata*), Aparajita (*Clitoria 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.

Efforts need to be put to get the plants with their scientific names, local names properly labelled showing medicinal value for appreciation by the inmates particularly the school going children and visitors / guests.

The committee after due deliberations and discussions opined that the 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 and their maintenance shall be ensured by the PCB, Assam. The Proponent shall also arrange for centralized AC with exhaust at the roof top of the building.

The cost earmarked for the environmental safeguards contained in the Environment Management Plan (EMP) amounting to **Rs 74 Lakh** as Capital Cost and **Rs 6.88 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 the remaining 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.

The Committee also examined the **MoEF & CC Notification dated 18.03.2021{S.O.1247 (E)}** by which provisions are made for exemption of public hearing in case of application of fresh EC after expiry of the validity of the previous EC where the project could not be completed.

The Committee after thorough discussions, deliberations and due appraisal of the issue deem it just and appropriate to recommend the SEIAA for extension of the EC for a reasonable period of 2 (two) years only in terms of the earlier Notification by which the EC was granted during 2011 *duly condoning the period covering series of litigation and, thereafter, adjudication by the Hon'ble Tribunals; withdrawal of pending Petitions by the respective Plaintiffs / Petitioners etc* as the reasons for delay in timely application for extension of the EC was beyond the control of the present Company.

13. **Proposal for seeking extension of the EC for “Borjuri P.P. Land Stone Mining Contract Area” under Karbi Anglong East Division proposed by Sri Tularam Terang SEIAA.996/2023 (SIA/AS/MIN/300573/2023)**

Resolution 4/13:

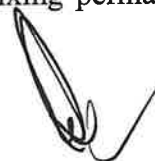
The proposal praying modification of EC for mining of stone from “**Borjuri P.P. Land Stone Mining Contract Area**” under Karbi Anglong East Division, Diphu proposed by Sri Tularam Terang was placed before the SEAC for appraisal and detail discussion. The previous EC was granted on 29th February’ 2020 with validity of 3 (Three) years for extraction of 6,150 cu.m Stone from the Patta land under the possession of the Proponent. The Mining Plan, as approved, the quantity shown for extraction was 10, 000 cum in a span of 5 (Five) Years, approved mining area being 02.53 Ha.

The records as submitted pertaining to the case by the proponent are placed before the committee. The half yearly compliance report countersigned by the DFO is uploaded. On scrutiny it is revealed that the proponent could extract the allotted quantity of 6,150 cum mineral up to the 3rd Year and the DFO has recommended for extraction of additional quantity of 15,000 cum in another 3 (three) Years. This is revealed from the report of the DFO, Karbi Anglong East Division vide his letter dated 13.04.2023 based on the approved Mining Plan dated 05.02.2023, placed for appraisal 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 modification of the EC by the SEIAA approving to extract 12,000 Cu.m. stone from the proposed mining site within a period of 2 (two) years. The proponent shall have to strictly follow all terms and conditions laid down in the approved mining plan.*

Further, the Proponent shall have to undertake CER (Corporate Environment Responsibility) 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 Divisional Forest Officer, Karbi Anglong shall ensure due vigilance in the mining area to avert any kind of irregularities / illegalities during the mining period. Further, he is requested to ensure that mining be allowed only within the approved mining site and not beyond the limit of the same. Accordingly, he 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 mentioned in the approved mining plan.

14. **Proposal for seeking modification of the EC for collection of brick earth from “M/S JRK Brick Industry Mining Permit Area” under Kamrup West Division proposed by Sri Ranjit Kalita SEIAA.1681/2023 (SIA/AS/MIN/300759/2023)**

Resolution 4/14:

The project proposal requesting modification of the EC for mining of Ordinary Earth from the M/S JRK Brick Industry Mining Permit Area under Kamrup West Division proposed by **Sri Ranjit Kalita** is placed before the SEAC for appraisal and detailed discussion. The Project Area as allotted for mining is measuring **01.86 Ha** in M/S JRK Brick **Mining Permit Area** with the recommended quantity of of Ordinary Earth measuring 2,000 cu m for 1 (One) year 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 15.01.2023. The DFO, Kamrup West Division had recommended the proposal on 25.05.23. Previously EC was granted allowing mining of Ordinary Earth measuring 4,000cm 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 SPBC, Assam as far back as on 22.03.12 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 2,000 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 SPCB, Assam and (iii) the Proponent shall strictly follow the **Zigzag** methodology 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.

ADS REPLY

Agenda No 15 & 16 are ADS reply proposal

- 15. Simlaguri Village Patta Land Sand-Gravel, Gravel, Earth, Sand and Stone Mining Permit Area Sanjoufu Basumatary SIA/AS/MIN/286259/2022 SEIAA. 3146/2022.**

Observation

1. Quarry Name: **Simlaguri Village Patta Land Sand-Gravel, Gravel, Earth, Sand and Stone Mining Permit Area**
2. Quantity recommended: 11,156 cu.m Sand- Gravel, 8478 cu.m Gravel, 2232 cu.m earth, 8924 cu.m sand and 6692 cu.m Stone for 1 year
3. Project area: Mining area= 2.10Ha
4. DGM approved=27/06/2022
5. DFO recommendation=8/7/2022 Chirang Division
6. Land Doc- Dag-90,92,94 patta-2
 - Aggrement Copy
 - JVR
 - Sketchmap
 - Jamabandi
 - Non Agriculture land certificate submitted=13/9/2022
 - Land holding Certificate-23/12/2021
7. KML examined and it is found to be correct
8. Whether the RQP visited the area ?Yes.
9. Mining Plan prepared by Prabal Kr. Goswami.
10. Gradation report submitted

Resolution 4/15:

On scrutiny of the replies furnished by the Proponent it is seen that requisite documents in respect of land has not been furnished from the competent authority. Since the Proponent has failed to furnish the requisite papers as directed, area falling clearly in midst of river bed, therefore, the proposal is rejected by the Committee.

- 16. EC for Haropara P.P. land Ordinary Earth Mining Permit Area Sahanur Ali SIA/AS/MIN/421827/2023 SEIAA. 3419/2023.**



1. Quarry Name Haropara P.P. land Ordinary Earth Mining Permit Area
2. Quantity recommended: 3328 cum Sand for 1 years
3. Project area: Allotted area = 0.36 Ha ,
4. DGM approved= 7/2/2023
5. DFO recommendation = 4/3/2023 Kamrup West Division
6. KML examined and it is found to be correct
7. Land doc- dag=418 patta=73
 - JVR=22/9/2022.
 - Jamabandi
 - Sketchmap
 - Aggrement
8. Whether the RQP visited the area- Yes
9. Mining Plan prepared by RQP Dr. Saptarathi Aich Sarkar
10. **ADS raised -2/6/23**--On scrutiny the required land records, it is revealed that the patta land under Dag. No. 418 of Patta No. 73 in village Haropara under Polashbari Revenue Circle is an ezmalli pata in the name of three pattadars and necessary land agreement record has not been furnished. Due discussion is held and the committee requires proper Registered Land agreement between the pattadars and proponent for further processing of the proposal is requested to upload/ furnish the requisite land agreement being ADS.
11. P.P replied=30/7/2023

Resolution 4/15:

On scrutiny of the replies furnished by the Proponent it is seen that requisite documents in respect of land in question lacks deficiency regarding the ownership and authority to allow mining. Since the Proponent has failed to furnish the requisite papers as directed without proper supporting documents, therefore, the proposal is rejected by the Committee

2. Any other matter:

- a) **Proposed Expansion of Lokpriya Gopinath Bordoloi International Airport (LGBIA) to enhance the Passenger Handling Capacity up to 18 MPPA & Cargo Handling Capacity up to 0.15 MTPA at Guwahati, Assam-Exemption from Public Hearing regarding , SEIAA. 3498/2023 (SIA/AS/INFRA2/430008/2023)**



Lokpriya Gopinath Bordoloi International Airport (LGBIA), is an International Airport located at Guwahati, the gateway to the North-East India. The proposed capacity enhancement activity includes improvement, modification / up-gradation / augmentation and modernization of existing Air side / Land side facilities and infrastructure to meet the operational safety requirements in order to cater to the needs of the projected passengers and cargo capacity in the coming years which are in the increasing trend. The expansion project is based on the Airport development requirements in accordance with the concession Agreement between the Guwahati International Airport Limited (GIAL) & the Airport Authority of India Ltd (AAI).

The GIAL had applied for issue of ToR (since the EC granted by the MoEF & CC on 16.08.2018 to the AAI Ltd was duly transferred in favour of the GIAL). Accordingly, the GIAL was granted Standard ToR on 21.06.2023 for preparation of the EIA Report and EMP for Proposed Expansion of Lokpriya Gopinath Bordoloi International Airport (LGBIA) to enhance the Passenger Handling Capacity up to 18 MPPA & Cargo Handling Capacity up to 0.15 MTPA by M/s Guwahati International Airport Limited (GIAL).

The Proposed Expansion of Lokpriya Gopinath Bordoloi International Airport (LGBIA) is primarily to enhance the Passenger Handling Capacity up to **18 MPPA** & Cargo Handling Capacity up to **0.15 MTPA** by M/s Guwahati International Airport Limited (GIAL) involving a project cost of **Rs 4,232 Crore** within the Built up area of **3559** Sqm.

The project / activity is covered under category 'B' of item 7 (a) 'Airports' of the Schedule to the EIA Notification, 2006 and its subsequent amendments, and requires appraisal by the SEAC, Assam.

Project Proponent has requested and submitted a detailed proposal to the SEAC on 19th December, 2023, seeking Public Hearing exemption, under clause 8 of Para 7(ii) of the MoEF & CC O.M. dated 11.04.2022, under EIA Notification 2006, amended till date.

Pursuant to the receipt of the application seeking exemption of Public Hearing, the Project Proponent was asked to make a presentation wherein a detailed presentation was made by the PP supported by the NABET accredited Environment Consultant in the meeting held on 28th December, 2023.

Project Proponent has submitted about the Proposed expansion project, LGBIA's commitment towards Environment & Sustainability vision and further requested for amendment of the ToR considering exemption of Public Hearing under clause 8 of Para 7(ii) of the MoEF & CC O.M. dated 11.04.2022, under EIA Notification 2006, as amended till date, considering the circumstances and relevant facts quoted hereunder:

- **Public Hearing** was already carried out considering the expansion and future development area for Lokpriya Gopinath Bordoloi International Airport (LGBIA), on 30.12.2017 pursuant to the aforesaid EIA Notification 2006 and all the representations received as a part of Public Hearing were responded, based on which Environment Clearance was granted on 16th April, 2018. All the issues raised by the people during the earlier Public Hearing, have been addressed and satisfactorily implemented at LGBIA.

- **No Land acquisition and involvement of R&R** - Proposed expansion will be carried out within an area of 290.95 Ha, i.e within the land allotted as a part of the concession Agreement between AAI & GIAL on 19th January, 2021. No land acquisition and R&R is envisaged, as a part of proposed project.
 - **Litigation** - There is no litigation pending against Guwahati International Airport Limited (GIAL)
 - **No Change in Land use** - There is no change in land use, as the land use proposed for Lokpriya Gopinath Bordoloi International Airport (LGBIA) is defined under Transportation General (Airport) land use category, as per Guwahati Development Authority (GDA) Plan 2025.
 - **Environment Management Practices** - GIAL is effectively implementing Environment Management Plan across the site and is regularly carrying out Environment monitoring with respect to Air, Noise, Wastewater and Water etc. and reports are being submitted to all the regulatory authorities, as a part of Six-Monthly Compliance report. Compliance Certificate from IRO-MoEF & CC will be obtained.
 - Wastewater generated is being treated in 100 KLD STP and treated water is 100% recycled for usage in Horticulture.
- **Carbon neutrality & Operational Net Zero** - GIAL aspires to achieve leadership position in the Airport Carbon International's (ACI) Accreditation Program. GIAL is committed towards enhancing energy efficiency and absolute GHG emission reduction through various interventions and collaborative efforts with various stakeholders and achieve Carbon Neutral status and will further continuously strive to achieve the target of operational net-zero emissions and undertake measures to *de-carbonize* the operations in the long-term.
- **Corporate Social Responsibility** - GIAL is committed to implemented CSR activity through *Adani Foundation*, inline to "The Company's Act, 2013 in the field of Education, Community Health, Sustainable Livelihood Development, Community Infrastructure Development, Skill Development for the overall improvement of living standards in the region. However, various works like renovation of the school at Kahikuchi village, donation to flood victims, health camps etc have already been done and organized.
- **Rehabilitation and Resettlement (R&R):**
- No R&R is involved as part of proposed Master Plan.
- **Employment Potential :**
- Construction Phase: **1525** direct & indirect employment and
 - Operational Phase: **11,800** direct and indirect employment

Another point of concern has been the existence of Defence Airport basically its strategic location on account of National Security point of view and the threat perceptions. It has been spelt out that the Defence area is located in the Western Side of the Airport and a dedicated Taxiway access and apron is provided for the same which no way is conflicting. The Taxiway in the East are for Civil air traffic while the Taxiways on the West are exclusively for Defence Aircraft movement and expansion of the LGBIA shall no way interfere with the Defence area

and their operations.

All the papers connected with the case was placed before the Committee for appraisal and deliberation. The august Committee after considering all aspects and the presentation made by the Project proponent, it deemed it necessary to form a sub-committee with the domain experts in the field comprising of 4(four) Hon'ble Members to visit and inspect the sites / locations and to submit detailed report with suggestions. Subsequently, in pursuance to the EIA Notification, 2006 and as envisaged under the Clause 5(d) of the said Notification, 2006 dated 14th September, 2006 by the MoEF & CC in the Govt. of India a sub-committee of the SEAC, Assam was constituted comprising of the Hon'ble Members to conduct physical field inspection of the project site for adequate appraisal of the project proposal. Accordingly, the following members of SEAC, Assam conducted field survey on January 05, 2024.

1. **Shri Shantanoo Bhattacharyya**
2. **Dr. Rahul Mahanta**
3. **Shri Arup Barpujary and**
4. **Dr. Shantanu Kr. Dutta, Member Secretary, SEAC, Assam.**

The mandate of the sub-committee was to inspect the proposed site, assess the present status of expansion of the Lokpriya Gopinath Bordoloi International Airport (LGBIA) and also to assess the existing environmental status, appraisal on the probable environmental impact that may generate on the natural environment in the surroundings. The sub-committee was advised to submit their detail site inspection report showing the status of the proposal along with specific suggestions, findings / observations etc. for further action by the SEAC.

The sub-committee caused inspection of the LGBIA Airport for the purposes on 5th January, 2024 and submitted their field report on 22.01.2024. The report of the recommendations and the comments made thereunder are placed for consideration and deliberation by the Committee. Among other observations the sub-committee in their reports have put up valuable comments which are reproduced in verbatim which shall also be taken as additional points in the ToR for due compliance by the Project Proponent.

"Comments:

The Committee considered the amendment notification regarding exemptions of Public Hearing under clause 8 of Para 7(ii) of the MoEF&CC O.M. dated 11.04.2022, under EIA Notification 2006, amended till date for the proposed project and **was of the opinion that the TOR granted to the projects could be amended by exemption of the Public Hearing.** The Committee recommends to add the following clauses in the TOR and subsequent EC to be granted to GIAL.

1. The PP needs to obtain Compliance Certificate from IRO-MoEF&CC for the EC granted to LGBIA, which shall be considered by the SEAC for the proposed project of GIAL, as both the projects are linked.
2. The PP has to ensure that the environmental standards applicable to Hot Mix Plant (HMP) and Batch Mix Plant (BMP) shall be fully complied with by itself or by the third party agencies.

3. Conditions of installation of three (3) online noise monitoring system shall be included in the TOR/EC conditions. The stations shall be set up in consultation with PCB, Assam.
4. The PP shall install mist cannon for regular water sprinkling in the construction site as well as in the areas near the batch mix plant and hot mix plant so as to suppress fugitive dust during operation of HMP/BMP and transportation of construction materials through the haul roads.

The Committee agreed that the proposal for amendment in ToR with respect to relaxation of Public Hearing may be considered by the authority.”

After the detailed deliberation and discussions on all the issues having relevance to the Project under expansion, SEAC unanimously accepted the proposal for exemption from Public Hearing and recommend for the additional ToR, with Public Hearing exemption in terms of clause 8 of Para 7(ii) of the MoEF & CC O.M. dated 11.04.2022, under EIA Notification 2006, amended till date, for preparation of EIA/EMP reports.

The Committee felt it absolutely necessary also to incorporate the additional ToR points which shall need to be attended for preparation of the detailed EIA / EMP reports for further consideration.

1. Details of the CSR initiatives / activities and their compliance status showing physical and financial achievement against each of the proposed activities as listed and prioritized as a sequel to the Public Hearing on 30.12.2017.

2. Details of proposed activities: I) for impart of the skill development of youths of 9 surrounding villages for future employment in the LGBIA, II) generation of livelihood options for womenfolk of these villages particularly for Widow, unmarried aged Girls, employment to differently able Youths; III) adoption as **model village** (at least- 3 villages), IV) livelihood options for youths of these villages for self employment by way of financial assistance in purchase of **e vehicles** for use in the Airport as one of the livelihood options.

3. **Deepor beel** is not only an Wildlife Bird Sanctuary but also the only **Ramsar site** with much of wet land significance in respect of aquatic floral and fauna diversity, hardly located at a distance of 3.1 Km from the Airport. The proponent shall ensure consultation with the DFO, Wildlife Division, Guwahati in preparation of the scheme for Wetland Management which shall form a part of the EMP. Adequate fund shall be earmarked for the purposes out of the CSR component.

4. Under ECR component the Proponent shall identify areas (stretches of approach roads to the Airport from Guwahati, Mirza, Garal) for plantation in suitable patches with plant species primarily of aesthetic value, evergreen in nature (preferably) with both summer flowering and winter flowering. The species of plants need to be labeled accordingly with its upkeep till establishment (budget provision for at least 5 years). The species of plants may be :

Palash(*Butea manosperma*), Nahor (*Mesua ferrea*), Bakul (*Mimosups elengi*), Ashoka (*Saraca asoca*), Moder (*Erythrina indica*), Kanchan (*Bauhinia purpurea / Bauhinia variegata*), Bixa (*Bixa orellana*), Peacock flower (*Caesalpinia pulcherrima*), Sonaru (*Cassia fistula*), Ajar (*Lagerstroemia speciosa*), Jamun (*Syzygium cumini*), Tagar (*Gardenia jasminoides*), Debadaru (*Polyalthia pendula*), Tecoma (*Tecoma stans*), Thunbergia / Nilakantha (*Thunbergia erecta*), Parijat (*Nyctanthes arbor tris tis*) etc etc



The Committee is also considered opinion that the Proponent shall make all out efforts to furnish the crucial information relating to the project as quoted here under and incorporate in the additional ToR addressing each of these points.

A. Detailed particular information to be furnished in the ToR in respect of :

1. Structural Construction:

- An overview of completed structures (terminals, hangars, etc.) and their current state of construction.
- Highlight any quality control measures implemented during structural construction.

2. Infrastructure Development:

- Assess the progress of critical infrastructure components (runways, taxiways, etc.) and their compliance with engineering standards.
- Identify any deviations from the original plan and provide an analysis of the impact on the overall project timeline.

B. Compliance with Regulations:

1. Adherence to Building Codes:

- If the construction adheres to local and national building codes, specifying the codes applicable.
- Identify any instances of non-compliance and proposed corrective actions.

2. Safety Standards:

- Assess the implementation of safety measures on the construction site, including the use of personal protective equipment (PPE) and adherence to safety protocols.
- Identify any safety concerns or incidents and provide recommendations for improvement.

C. Timelines and Schedule:

1. Baseline Timeline:

- Provide the original project schedule with milestones, deadlines, and key completion dates.
- Include a detailed breakdown of major phases and their corresponding timelines.

2. Progress Against Schedule:

- Evaluate the project's progress against the original schedule.
- Provide a detailed analysis of the completion status of each milestone and phase.

D. Delays and Mitigation:

1. Causes of Delay:

- Identify the primary causes of any delays in the project timeline, including external factors such as weather conditions or regulatory issues.
- Classify delays as internal (e.g., resource constraints) or external factors.



2. Mitigation Strategies:

- Outline strategies implemented to mitigate delays, detailing how these strategies were devised and their effectiveness.
- Provide insights into the success or challenges encountered during the implementation of mitigation measures.

E. Stakeholder Communication:

1. Stakeholder Engagement:

- Evaluate the effectiveness of communication channels with stakeholders, including government agencies, local communities, and project partners.
- Summarize any feedback received from stakeholders and assess the overall level of satisfaction or concerns.

2. Public Relations:

- Assess the project's public image and relations, considering media coverage and public perception.
- Highlight any instances of positive or negative feedback from the public and actions taken to address concerns.

F. Risk Identification and Analysis:

1. Identification of Flood Zones:

- Identify areas prone to flooding in and around the expansion site.
- Assess historical flood data and potential future scenarios.

2. Infrastructure Vulnerability:

- Evaluate the vulnerability of airport infrastructure to flood events.
- Identify critical facilities and systems at risk.

3. Seismic Zone Analysis:

- Determine the seismic zone of the project site.
- Assess the potential impact of earthquakes on the airport structures.

4. Structural Vulnerability:

- Evaluate the structural vulnerability of airport buildings and runways.
- Identify critical structures that may be susceptible to seismic events.

5. Identification of Storm Surge Areas:

- Identify areas vulnerable to storm surges, particularly as located near water bodies.
- Assess potential storm surge heights and impacts.⁶

5. Wind Impact Analysis:

- Evaluate the impact of high winds on airport structures and installations.
- Identify measures to enhance resilience against strong winds.

7. Engineering and Design Solutions:

1. Elevated Design (Flood Resilience):



- Recommend elevated design solutions for critical infrastructure.
 - Identify areas where raising ground levels or installing barriers may mitigate flood risks.
2. **Drainage Systems:**
 - Propose improved drainage systems to manage and redirect floodwaters.
 - Identify measures to prevent water accumulation on runways and taxi way.
 3. **Seismic Retrofitting:**
 - Recommend seismic retrofitting for existing structures.
 - Specify design modifications to enhance the earthquake resilience of new constructions.
 4. **Foundation Design:**
 - Propose foundation design enhancements to withstand seismic forces.
 - Identify areas where soil stabilization may be required.
 5. **Wind-Resistant Structures:**
 - Recommend the use of materials and designs that resist high winds.
 - Identify areas where wind barriers or structural reinforcements may be necessary.
 6. **Storm Surge Protection:**
 - Propose measures to protect against storm surge impacts.
 - Recommend the construction of barriers or coastal defenses where applicable.
 7. **Emergency Response and Preparedness:**
 - (a) **Emergency Response Plans:**
 - Recommend the development of emergency response plans for each identified natural disaster.
 - Identify evacuation routes, emergency shelters, and communication protocols.
 - (b) **Training Programme:**
 - Propose training programs for airport staff and emergency respondents.
 - Conduct mock drills and simulations to ensure preparedness / readiness.
 8. **Monitoring and Reporting:**
 - **Risk Monitoring Plan:**
 - Propose a plan for ongoing monitoring of natural disaster risks during and after the project.
 - Identify key risk indicators, monitoring frequency, and responsible parties.
 - **Reporting Mechanism:**
 - Outline the process for reporting risk monitoring results to relevant authorities and the public.
 - Outline reporting timelines and accessibility of information.



- b) **Expansion of additional 7 Nos of E&A (Exploration & Appraisal) Wells and 5 Nos of EPU's / QPU's in the earlier granted Environmental Clearance (EC) for the proposed "Onshore Oil & Gas Exploration, Appraisal & Early Production in AA-ONHP-2017/4 Hydrocarbon Block", Jorhat Dist, Assam proposed by M/s Vedanta Limited (division Cairn Oil & Gas); SEIAA. 3630/2023. (Proposal No. SIA/AS/IND2/454761/2023)**

This is with reference to the application for prior Environmental Clearance (EC) for proposed "Expansion (Additional **7 numbers** E & A Wells and **5 numbers** EPU's / QPU's) in Onshore Oil & Gas Exploration, Appraisal and Early Production in AA-ONHP-2017/4 Hydrocarbon Block", falling in Jorhat District, Assam. Proposal was submitted along with the *pre feasibility* report, Project summary, EMP and other additional documents for further necessary action.

The proposal requesting expansion in the EC for Oil & Gas exploration, appraisal and early production in block AA-ONHP-2017/4 is placed before the Hon'ble Committee for appraisal and deliberation. Scrutinized the documents submitted by the Project Proponent in support of the proposal. Project Proponent has also made the detailed presentation along with the Environmental Consultant M/s AECOM India Pvt. Ltd., a NABET approved organization in presence of the authorized representative of the Company.

As on record and emerged during the deliberation, Environmental Clearances (EC) by the SEIAA were granted for as many as (total of) **25 Exploratory Wells and 10 numbers of EPU's / QPU's** vide EC letter no. SEIAA.1252/2020/EC/1209 dated 05.12.2020, SEIAA.1252/2020/EC/1383 dated 06.03.2021 and EC23B000AS171446 dated 05.01.2023.

The PP has informed that additional 7(seven) numbers of Prospects / Exploratory Wells have been identified based on the latest 2D/3D survey and Seismic data. Out of these 7(seven) Wells as identified, 4(four) locations (SP-1NE, SP-1-East-2, SP-1-East-3, SP-1-East-4) are falling in the **Dissoi Valley Reserve Forest** and also within the Eco Sensitive Zone (ESZ) of Hollongapar Gibbon Wildlife Sanctuary (WLS).

During the course of deliberation it was further clarified by the PP that they have already processed for the Forest Clearance from the competent authority in terms of the FC Act, 1980, as amended, and also for the Wildlife Clearance under the Wildlife Protection Act, 1972 (as amended up to date), for the Wells falling in the Reserve Forests and within the ESZ. It is also submitted that the requisite application for Forest Clearance and Wildlife Clearance for one of the Well locations with code '**SP-1-East-2**', is accepted by the office DFO, Jorhat and is in progress.



The PP has informed the Hon'ble Committee that they have made substantial investments in these projects and significant progresses have been made in respect of land acquisitions for the proposed Well drilling sites. Land measuring 18 Ha (*around 135 Bighas*) required for the purposes of Compensatory Afforestation have already been acquired by the Company under Teok Revenue Circle, Jorhat District which shall fulfill the total land requirement for the Compensatory Afforestation (CA) for all 4 (four) Wells falling in the forest areas. The PP also submitted the copy of the Newspaper Advertisement for the purpose of acquisition of land for the CA in Vill- Sagunpara, Teok Revenue Circle, Jorhat District as a token of evidence against their commitment towards the compliance of all requisite formalities, in terms of the compliance envisaged in the Forest Conservation Rules, well ahead of time. The PP further asserted about the progress in payment towards compensation to the beneficiaries, landowners towards acquisition of CA land etc with documentary evidences. It is also informed about the acquisition of Revenue Land for **non-forest Well drill sites** as in progress with the local district administration.

Pointed attention of the SEAC was drawn by the PP towards the conditional EC and submitted that one of the **Hydrocarbon blocks AA/ONDSF/Hazarigaon/2018** located in Golaghat district wherein the issue of ESZ pertaining to the Protected Area(PA) is involved, favoured with grant of **conditional EC** by the MoEF & CC for development & production of oil & gas vide **EC no. EC23A002AS110755 dated 11.10.2023** with the specific condition for obtaining prior clearance from the National Board for Wildlife, Govt of India. Copy of the said EC is also placed before the august Committee submitted as a piece of evidence.

The Committee discussed the implications arising out of the MoEF & CC Notifications of 2011 and subsequent clarifications contained in the Notification dated 11.04.2022 (F.No.IA3-22/10/2022-IA.III[E177258]) where by it was made absolutely clear that for processing of the cases for the EC to avert the time constraints Stage I Forest Clearance (FC) in respect of the forest land involved in the project, so that ***fait accompli*** situation does not arise. In line with the directions of the Hon'ble Supreme Court, the Ministry grants EC only after the grant of Stage-I FC, even while the project / activities get appraised in anticipation of the grant of the FC.

It is abundantly made clear that **In principle** approval is a ***pre-requisite*** for grant of the EC. Further, during discussions it also came up for deliberations that the concerned Rules made under the "Forest (Conservation) Act" now known as "***Van (Sanrakshan Evam Samvardhan) Adhiniyam, 1980***" governing the diversion of forest land are amended now known as the ***Van (Sanrakshan Evam Samvardhan) Rules, 2023*** and have come in to force from 1st of Dec'2023 which need to be kept in view as the guidelines in question for the purposes may entail revision (as ought to) as significant changes / insertions have been made in the said Rules.

The environmental clearance shall be subject to due prior clearances from the competent authority in respect of Forest Clearance from the MoEF & CC under the Forest (Conservation Rules), 2023 and the Wildlife Clearance from the Standing Committee of the National Board for Wildlife, as applicable. Grant of the Environmental Clearance (EC) for the particular Well Pad

does not necessarily imply that Forest & Wildlife Clearances shall be granted for the Project as their proposal for Forest & Wildlife Clearance under the Statutes/ Rules will be taken care of by the respective competent authorities, as the case may be, deserving its eligibility, merit and the decisions taken thereunder.

The PP shall also strictly and invariably follow all the terms and conditions envisaged in the Forest and Wildlife Clearances by the competent authorities.

The fund earmarked towards the Environment Corporate Responsibility (ECR) specially for raising the Green Belt around the drilling sites (Well Pads) shall need to be carried out in consultation with the concerned DFO having the jurisdiction over the forest area and the fund so earmarked should be made available for raising quality saplings in nursery with suitable species of plants. The saplings raised may also be utilized by the DFO for raising of plantations in suitable areas (forests, institutions, public places etc) involving stake holders, public, NGOs, students (Schools/Colleges). Such activities should invariably be uploaded in the PARIVESH portal.

After detailed discussions, deliberations the Committee is of the considered opinion that the proposals deserving grant of the EC be **recommended** for the grant of Environmental Clearance in due course based on the merits of each cases without going through further process of appraisal by the SEAC after examining the status of all the FC Clearances, First stage and the Second Stage, as received by the PP for which the ECs were earlier granted by the SEIAA based on the basis of the SOP formulated for the purposes or otherwise *as the time limit (validity) of the ECs were for a maximum period of 2 (two) years or whichever is less from the date of grant of the Stage-II FC* envisaged in the OM dated 11.04.2023. **The detailed picture of the timeline followed and review of the status shall assist the Committee in disposal of the cases at hand for due recommendation to the SEIAA for grant of EC accordingly.**

The PP is to furnish the details accordingly showing the status of the FCs etc against the ECs already granted.

- c) **Application for Expansion (additional 4 nos. of E&A wells & 4 nos. of EPU's/QPU's) in "Onshore Oil & Gas Exploration, Appraisal & Early Production in AA-ONHP-2017/3 Hydrocarbon Block", Tinsukia District, Assam M/s Vedanta Limited (division Cairn Oil & Gas); SEIAA. 3631/2023. (Proposal No SIA/AS/IND2/454808/2023)**

This is with reference to the application for prior Environmental Clearance (EC) for proposed 'Expansion (Additional 4 numbers Exploration & Appraisal Wells and 4 numbers EPU's / QPU's) in 'Onshore Oil & Gas Exploration, Appraisal and Early Production in AA-ONHP-2017/3 Hydrocarbon Block, falling in District of Tinsukia, Assam' submitted vide **Proposal**



no. SIA/AS/IND2/454808/2023 dated 11.12.2023. Proposal is submitted along with the *pre-feasibility* report, Project Summary, the EMP and other additional documents for further needful action.

It is on record that the Vedanta Ltd (Div. Oil and Gas) has been allocated AA-ONHP-2017/3 Hydrocarbon Block by the MoPN & G, GoI for exploration and extraction of hydrocarbons. The Block area is 268 Sq Km and the estimated project cost is Rs 240 Crore.

The proposal requesting expansion in EC for Oil and **Gas exploration, appraisal and early production in block AA-ONHP-2017/3** is placed before the SEAC for discussion, appraisal and deliberation. All the documents furnished by the Project Proponent are placed for scrutiny by the Committee.

The Project Proponent has made a detailed presentation along with the Environmental Consultant M/s AECOM India Pvt. Ltd., a NABET approved, in presence of the authorized representatives of the Company.

Environmental Clearances (ECs) from the SEIAA had been granted for a **total of 14 Exploratory Wells and 6 numbers of the EPU's / QPUS** vide **EC letter no. SEIAA.1606/2021/EC/1432 dated 07.05.2021, SEIAA.1606/2021/EC/1453 dated 26/07/2021 and EC22B002AS193827 dated 25/08/2022.**

The PP has also informed that additional **4 numbers** of sites with prospects / exploratory Wells have been identified based on the latest 2D/3D survey and the Seismic data. Out of these identified 4 (Four) Wells 3 (Three) of these with **code locations as Jagun updip, Jagun South & Jagun west** are falling in **Namphai RF, Tirap RF and Kotha RF** respectively. It was also pointed out that none of the Wells is falling in the ESZ or Wildlife Sanctuary. It was clarified that the the Well location **Jagun North-1** is falling in non-forest area / revenue land.

It was asserted by the PP that they have proceeded ahead for Forest Clearance for the Wells falling in the Reserved Forests. The status of Forest Clearance in respect of the Well location **'Jagun Updip'** is that the same is considered and duly recommended to the MoEF & CC by the Ministry in the Govt for grant of Stage-I Clearance. The PP has placed the copy of the letter of proposal as a token of evidence. Necessary certificate from the Gram Sabha, in compliance of Forest Rights Act (FRA), 2006 has also been completed for **'Jagun Updip'** Well location.

PP has informed that substantial investment has already been made and land acquisition for the proposed well drill sites have been completed. Approximate Land measuring 9.33 Ha (70 Bighas) for Compensatory Afforestation(CA) has already been acquired by the company in Margherita Revenue Circle, District Tinsukia which cater the total requirement of land for the purposes of the CA for all 3 (three) Well locations falling in the forest area.



Land acquisition of revenue land for the Well location **Jagun North-1** has also been completed. Payment advice towards compensation to the beneficiaries, landowners has been completed and submitted as evidence.

The PP has submitted that one of their hydrocarbon blocks **AA/ONDSF/Hazarigaon/2018** located in the Golaghat district, Assam wherein the issue of the ESZ and Wildlife Clearance is involved, has been granted conditional EC very recently by the MoEF & CC for development & production of Oil & Gas vide **EC no. EC23A002AS110755 dated 11.10.2023** with the special condition for obtaining prior Wildlife Clearance from National Board for Wildlife, GoI. A copy of the EC so granted is submitted as a token of evidence.

The Committee discussed the implications arising out of the MoEF & CC Notifications of 2011 and subsequent clarifications contained in the Notification dated 11.04.2022 (F.No.IA3-22/10/2022-IA.III[E177258]) where by it was made absolutely clear that for processing of the cases for the EC to avert the time constraints Stage I Forest Clearance (FC) in respect of the forest land involved in the project, so that ***fait accompli*** situation does not arise. In line with the directions of the Hon'ble Supreme Court, the Ministry grants EC only after the grant of Stage-I FC, even while the project / activities get appraised in anticipation of the grant of the FC.

It is abundantly made clear that **In principle** approval is a *pre-requisite* for grant of the EC. Further, during discussions it also came up for deliberations that the concerned Rules made under the "Forest (Conservation) Act" now known as "**Van (Sanrakshan Evam Samvardhan) Adhiniyam, 1980**" governing the diversion of forest land are now amended recently known as the **Van (Sanrakshan Evam Samvardhan) Rules, 2023** and have come in to force from 1st of Dec'2023 which need to be kept in view as the guidelines in question for the purposes may (as ought to) entail revision as significant incorporation have been inserted in the said Rules.

Grant of the Environmental Clearance (EC) for the particular Well Pad does not necessarily imply that Forest Clearances shall be granted for the Project as their proposal for Forests under the Statutes / Rules will be taken care of by the respective competent authorities, as the case may be, deserving its eligibility, merit and the decisions taken thereunder.

The fund earmarked towards the Environment Corporate Responsibility (ECR) specially for raising the Green Belt around the drilling sites (Well Pads) shall need to be carried out in consultation with the concerned DFO having the jurisdiction over the forest area and the fund so earmarked should be made available for raising quality saplings in nursery with suitable species of plants. The saplings raised may also be utilized by the DFO for raising of plantations in suitable areas (forests, institutions, public places etc) involving stake holders, public, NGOs, students (Schools/Colleges). Such activities should invariably be uploaded in the PARIVESH portal.

After detailed discussions, deliberations the Committee is of the considered opinion that the proposals deserving grant of the EC be **recommended** for the grant of Environmental Clearance



in due course based on the merits of each cases without going through further process of appraisal by the SEAC after examining the status of all the FC Clearances, First stage and the Second Stage, as received by the PP for which the ECs were earlier granted by the SEIAA based on the SOP formulated for the purposes or otherwise **as the time limit (validity) of the ECs were for a maximum period of 2 (two) years or whichever is less from the date of grant of the Stage-II FC** envisaged in the OM dated 11.04.2023. The detailed picture of the timeline followed and review of the status shall assist the Committee in disposal of the cases at hand for due recommendation to the SEIAA for grant of EC accordingly.

The PP is to furnish the details regarding the details of land so acquired, NOCs obtained from the competent authorities accordingly showing the status of the FCs etc against the ECs already granted including the status of the present proposals involving FC.

It was observed by the august Committee that the inputs furnished by the special invitee Dr Khanin Pathak was really of immense help where in he had dwelt at length about the precautions required in sustainable sand mining, constructions of buildings, beautification of Guwahati particularly in terms of greenery and all the members appreciated deliberations and suggestions advanced during the course of the proceedings.

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



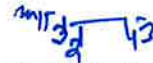
**Chairman
SEAC, Assam**

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

Dated : 24 / 01 / 2024

Copy to:

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



**Member secretary,
SEAC, Assam**