STATE ENVIRONMENT IMPACT ASSESSMENT AUTHORITY, ASSAM Ministry of Environment, Forest and Climate Change, Government of India BAMUNIMAIDAM, GUWAHATI 781021, ASSAM

Minutes of the 16th Meeting of the SEIAA, Assam held on 21/06/2024

The 16th Meeting of the SEIAA, Assam was held in the Conference Hall, 3rd floor, Pollution Control Board, Assam on 21/6/2024 at 11.00 a.m.

The following Members were present

- Sri Rajesh Kemprai, Chairman, SEIAA, Assam.
- Smti. Neera Daulagupu, ACS, Member Secretary, SEIAA, Assam.
- Dr. Sarat Phukan, Member, SEIAA, Assam.

Sri Rajesh Kemprai, Chairman, SEIAA, Assam presided over the meeting.

Agenda Item 1.

Actions on the recommendations of 8th Meeting and 9th Meeting of SEAC meeting of SEAC.

 EC for Sukhchar Part-I Patta Land Ordinary Clay Mining Permit Area on Brahmaputra River Bed, South Salmara Mancachar, Assam by Roish Mollah (SIA/AS/MIN/ 437137/2023) SEIAA. 3579/2023.

SEIAA Resolution 16/1:

Deliberations by the SEIAA in current meetings

EC is approved for project area allotted 0.55Ha with a quantity of 10,738 Cu M Ordinary clay for 1 (one) year subject to the terms and conditions laid down by SEAC.

Recommendation of SEIAA

Approved

Specific condition by SEIAA

- Mining shall be confined and limited to the area falling within the GPS coordinates.
- 2. The Project Proponent shall extract the approved quantity of mineral indicated herein with maximum mining depth of up to 2 (two) meters only from the non-mined surface.
- 3. The Proponent shall also invariably obtain the copy of latest CTE/CTO from the PCB, Assam.
- The Divisional Forest Officer shall ensure due vigilance in the mining area to avert any kind
 of irregularities / illegalities during the mining period.

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Dr. Sarat Phukan, Member, SEIAA, Assam

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

Standard Conditions of Mining Minerals

Air quality monitoring and mitigation measure

- Vehicular emissions shall be kept under control and regularly monitored. All the vehicles
 engaged in mining and allied activities shall operate only after obtaining 'PUC' certificate
 from the authorized pollution testing centres.
- 2. The transportation of materials shall be carried out as per the provisions and route proposed in the approved mining plan. Transportation of the materials through the existing road passing through any village shall be avoided. In case, it is proposed to construct a 'bypass' road, it should be so constructed that the impact of sound, dust and accidents could be appropriately mitigated.
- Major approach roads should be properly maintained with dust suppression measures and the river bank in any case must not be damaged.
- Adequate number of Fog canon (mist sprayer) shall be installed to reduce the impact of air pollution at dust generating sources with time bound action plan.

Corporate Environment Responsibility

- Self-environmental audit shall be conducted annually. Every three years third party environmental audit shall be carried out.
- 2. The company shall have a well laid down environmental policy duly approve by the Board of Directors. The environmental policy should prescribe for standard operating procedures to have proper checks and balances and to bring into focus any infringements/deviation/violation of the environmental/forest/wildlife norms/conditions. The company shall have defined system of reporting infringements/deviation/violation of the environmental/forest/wildlife norms/conditions and/or shareholders/stake holders.

Land Reclamation

Native tree species shall be selected and planted over areas affected by subsidence.

Smti. Neera Daulagupu, ACS, Secretary, Env& Forest, Assam cum Member Secretary, SEIAA, Assam. Dr. Sarat Phukan, Member, SEIAA, Assam

Mining Plan

- Efforts should be made to reduce energy and fuel consumption by conservation, efficiency improvements and use of renewable energy.
- No mining shall be carried out in forest land without obtaining Forestry Clearance as per Forest (Conservation) Act, 1980 and also adhering to The Scheduled Tribes and Other Traditional Forest Dwellers (Recognition of Forest Rights) Act, 2006 read with provisions of Indian Forest Act, 1927.
- Mining shall be carried out under strict adherence to provisions of the Mines Act 1952 and subordinate legislations made there-under as applicable.
- No change in mining method i.e. open cast to under-ground, calendar programme and scope
 of work shall be made without obtaining prior approval of the Ministry of Environment,
 Forests and Climate Change (MoEFCC).

Miscellaneous

- 1. The above conditions shall be enforced, inter-alia under the provisions of the Water (Prevention & Control of Pollution) Act, 1974, the Air (Prevention & Control of Pollution) Act, 1981, the Environment (Protection) Act, 1986, Hazardous and Other Wastes (Management and Transboundary Movement) Rules, 2016 and the Public Liability Insurance Act, 1991 along with their amendments and Rules and any other orders passed by the Hon'ble Supreme Court of India / High Courts and any other Court of Law relating to the subject matter.
- 2. The illumination and sound at night at project sites disturb the villages in respect of both human and animal population. Consequent sleeping disorders and stress may affect the health in the villages located close to mining operations. Habitations have a right for darkness and minimal noise levels at night. Project Proponents must ensure that the biological clock of the villages is not disturbed; by orienting the floodlights/ masks away from the villagers and keeping the noise levels well within the prescribed limits for day light/night hours
- The project authorities must strictly adhere to the stipulations made by the State Pollution Control Board and the State Government.
- 4. The project proponent shall make public the environmental clearance granted for their project along with the environmental conditions and safeguards at their cost by prominently advertising it at least in two local newspapers of the District or State, of which one shall be in

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- the vernacular language within seven days and in addition this shall also be displayed in the project proponent's website permanently.
- The copies of the environmental clearance shall be submitted by the project proponents to the Heads of local bodies, Panchayats and Municipal Bodies in addition to the relevant offices of the Government who in turn has to display the same for 30 days from the date of receipt.
- The project proponent shall upload the status of compliance of the stipulated environment clearance conditions, including results of monitored data on their website and update the same on half-yearly basis.
- The project proponent shall submit six-monthly reports on the status of the compliance of the stipulated environmental conditions on the website of the ministry of Environment, Forest and Climate Change at environment clearance portal.
- 8. The project proponent shall submit the environmental statement for each financial year in Form-V to the concerned State Pollution Control Board as prescribed under the Environment (Protection) Rules, 1986, as amended subsequently and put on the website of the company.
- The project authorities shall inform to the Regional Office of the MOEFCC regarding commencement of mining operations.
- No further expansion or modifications in the plant shall be carried out without prior approval
 of the Ministry of Environment, Forests and Climate Change (MoEF&CC).
- 11. The Ministry may revoke or suspend the clearance, if implementation of any of the above conditions is not satisfactory.
- 12. The Ministry reserves the right to stipulate additional conditions if found necessary. The Company in a time bound manner shall implement these conditions.
- 13. The Regional Office of this Ministry shall monitor compliance of the stipulated conditions. The project authorities should extend full cooperation to the officer (s) of the Regional Office by furnishing the requisite data / information/monitoring reports.

Noise and Vibration monitoring and prevention

 Adequate measures shall be taken for control of noise levels as per Noise Pollution Rules, 2016 in the work environment. Workers engaged in blasting and drilling operations, operation of HEMM, etc. shall be provided with personal protective equipment (PPE) like ear plugs/muffs in conformity with the prescribed norms and guidelines in this regard. Adequate

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- awareness programme for users to be conducted. Progress in usage of such accessories to be monitored.
- The noise level survey shall be carried out as per the prescribed guidelines to assess noise exposure of the workmen at vulnerable points in the mine premises, and report in this regard shall be submitted to the Ministry/RO on six-monthly basis.

Public hearing and Human health issues

- Project Proponent to take measure for installation of Renewable Energy sources in nearby area falling within 10 km radius.
- Project Proponent must ensure an emergency action plan during pandemic in order to provide assistance to the nearby villages located within the 10 km radius buffer zone (If required).
- Project Proponent is asked to also identify the rural areas for installation of solar light with its maintenance within the study area of 10 km radius buffer zone with time bound action plan.
- Effective arrangement shall be made to provide and maintain at suitable points conveniently situated, a sufficient supply of drinking water for all the persons employed.

Statutory compliance

- The project proponent shall obtain Consent to Establish / Operate under the provisions of Air (Prevention & Control of Pollution) Act, 1981 and the Water (Prevention & Control of Pollution) Act, 1974 from the Pollution Control Board Assam.
- The maximum production or peak production at any given time shall not exceed the limit as prescribed in the EC.
- The project proponent shall obtain forest clearance under the provisions of Forest (Conservation) Act, 1986, in case of the diversion of forest land for non-forest purpose involved in the project.
- The Environmental clearance shall be subject to orders of Hon'ble Supreme Court of India, Hon'ble High Courts, NGT and any other Court of Law, from time to time, and as applicable to the project
- The project proponent shall obtain clearance from the National Board for Wildlife, if applicable.
- Validity of EC is as per life of the mine mentioned in EC letter or 30 years as per EIA Notification, 2006 and its amendments therein

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Water quality monitoring and mitigation measures

- Monitoring of water quality upstream and downstream of river including pons, lakes, tanks shall be carried out once in six months and record of monitoring data shall be maintained and submitted to the Ministry of Environment, Forest and Climate Change/Regional Office.
- The project proponent shall take all precautionary measures to ensure reverian/ riparian
 ecosystem in and around the coal mine up to a distance of 5 km. A revarian /riparian ecosystem
 conservation and management plan should be prepared and implemented in consultation with
 the irrigation / water resource department in the state government.
- 3. The project proponent shall not alter major water channels around the site. Appropriate embankment shall be provided along the side of the river/nallah flowing near or adjacent to the mine. The embankment constructed along the river/nallah boundary shall be of suitable dimensions and critical patches shall be strengthened by stone pitching on the river front side, stabilized with plantation so as to withstand the peak water pressure preventing any chance of mine inundation.
- EC for Nopani Cheklangso Anglong P.P. Land Stone Quarry, Karbi Anglong East Division by Raju Engjai (SIA/AS/MIN/454177/2023) SEIAA. 3655/2024.

SEIAA Resolution 16/2:

Deliberations by the SEIAA in current meetings

EC is approved for project area allotted 1.40Ha with a quantity of 30,000 Cu M of stone from the area in 2 (two) Years @ 15,000 cum Stone, annually subject to the terms and conditions laid down by the SEAC.

Recommendation of SEIAA

Approved

Specific condition by SEIAA

- Mining shall be confined and limited to the area falling within the GPS coordinates.
- The Proponent shall extract the approved quantity of mineral indicated herein with maximum mining depth of up to 2 (two) meters only from the non-mined surface.
- 3. The Proponent shall also invariably ensure that no trees are felled and
- 4. No explosives shall be used without the proper authority from the competent authority.
- 5. The Proponent shall also invariably obtain the copy of latest CTE/CTO from the PCB, Assam.

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- The Divisional Forest Officer shall ensure due vigilance in the mining area to avert any kind of irregularities / illegalities during the mining period.
- 7. The DFO shall also ensure marking the boundary of the mining site on the ground fixing permanent concrete pillars, painted yellow with the Geo coordinates depicted there in on the pillars/posts, following the GPS coordinates mentioned in the approved mining plan.

Standard Conditions of Mining Minerals

Air quality monitoring and mitigation measure

- Vehicular emissions shall be kept under control and regularly monitored. All the vehicles
 engaged in mining and allied activities shall operate only after obtaining 'PUC' certificate
 from the authorized pollution testing centres.
- 2. The transportation of materials shall be carried out as per the provisions and route proposed in the approved mining plan. Transportation of the materials through the existing road passing through any village shall be avoided. In case, it is proposed to construct a 'bypass' road, it should be so constructed that the impact of sound, dust and accidents could be appropriately mitigated.
- Major approach roads should be properly maintained with dust suppression measures and the river bank in any case must not be damaged.
- Adequate number of Fog canon (mist sprayer) shall be installed to reduce the impact of air pollution at dust generating sources with time bound action plan.

Corporate Environment Responsibility

- Self-environmental audit shall be conducted annually. Every three years third party environmental audit shall be carried out.
- 2. The company shall have a well laid down environmental policy duly approve by the Board of Directors. The environmental policy should prescribe for standard operating procedures to have proper checks and balances and to bring into focus any infringements/deviation/violation of the environmental/forest/wildlife norms/conditions. The company shall have defined system of reporting infringements/deviation/violation of the environmental/forest/wildlife norms/conditions and/or shareholders/stake holders.

Land Reclamation

Native tree species shall be selected and planted over areas affected by subsidence.

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Mining Plan

- Efforts should be made to reduce energy and fuel consumption by conservation, efficiency improvements and use of renewable energy.
- No mining shall be carried out in forest land without obtaining Forestry Clearance as per Forest (Conservation) Act, 1980 and also adhering to The Scheduled Tribes and Other Traditional Forest Dwellers (Recognition of Forest Rights) Act, 2006 read with provisions of Indian Forest Act, 1927.
- Mining shall be carried out under strict adherence to provisions of the Mines Act 1952 and subordinate legislations made there-under as applicable.
- No change in mining method i.e. open cast to under-ground, calendar programme and scope
 of work shall be made without obtaining prior approval of the Ministry of Environment,
 Forests and Climate Change (MoEFCC).

Miscellaneous

- The above conditions shall be enforced, inter-alia under the provisions of the Water (Prevention & Control of Pollution) Act, 1974, the Air (Prevention & Control of Pollution) Act, 1981, the Environment (Protection) Act, 1986, Hazardous and Other Wastes (Management and Transboundary Movement) Rules, 2016 and the Public Liability Insurance Act, 1991 along with their amendments and Rules and any other orders passed by the Hon'ble Supreme Court of India / High Courts and any other Court of Law relating to the subject matter.
- 2. The illumination and sound at night at project sites disturb the villages in respect of both human and animal population. Consequent sleeping disorders and stress may affect the health in the villages located close to mining operations. Habitations have a right for darkness and minimal noise levels at night. Project Proponents must ensure that the biological clock of the villages is not disturbed; by orienting the floodlights/ masks away from the villagers and keeping the noise levels well within the prescribed limits for day light/night hours
- The project authorities must strictly adhere to the stipulations made by the State Pollution Control Board and the State Government.
- 4. The project proponent shall make public the environmental clearance granted for their project along with the environmental conditions and safeguards at their cost by prominently advertising it at least in two local newspapers of the District or State, of which one shall be in

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- the vernacular language within seven days and in addition this shall also be displayed in the project proponent's website permanently.
- The copies of the environmental clearance shall be submitted by the project proponents to the Heads of local bodies, Panchayats and Municipal Bodies in addition to the relevant offices of the Government who in turn has to display the same for 30 days from the date of receipt.
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- The project proponent shall submit six-monthly reports on the status of the compliance of the stipulated environmental conditions on the website of the ministry of Environment, Forest and Climate Change at environment clearance portal.
- The project proponent shall submit the environmental statement for each financial year in Form-V to the concerned State Pollution Control Board as prescribed under the Environment (Protection) Rules, 1986, as amended subsequently and put on the website of the company.
- The project authorities shall inform to the Regional Office of the MOEFCC regarding commencement of mining operations.
- 10. No further expansion or modifications in the plant shall be carried out without prior approval of the Ministry of Environment, Forests and Climate Change (MoEF&CC).
- 11. The Ministry may revoke or suspend the clearance, if implementation of any of the above conditions is not satisfactory.
- 12. The Ministry reserves the right to stipulate additional conditions if found necessary. The Company in a time bound manner shall implement these conditions.
- 13. The Regional Office of this Ministry shall monitor compliance of the stipulated conditions. The project authorities should extend full cooperation to the officer (s) of the Regional Office by furnishing the requisite data / information/monitoring reports.

Noise and Vibration monitoring and prevention

 Adequate measures shall be taken for control of noise levels as per Noise Pollution Rules, 2016 in the work environment. Workers engaged in blasting and drilling operations, operation of HEMM, etc. shall be provided with personal protective equipment (PPE) like ear plugs/muffs in conformity with the prescribed norms and guidelines in this regard. Adequate

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- awareness programme for users to be conducted. Progress in usage of such accessories to be monitored.
- The noise level survey shall be carried out as per the prescribed guidelines to assess noise exposure of the workmen at vulnerable points in the mine premises, and report in this regard shall be submitted to the Ministry/RO on six-monthly basis.

Public hearing and Human health issues

- Project Proponent to take measure for installation of Renewable Energy sources in nearby area falling within 10 km radius.
- Project Proponent must ensure an emergency action plan during pandemic in order to provide assistance to the nearby villages located within the 10 km radius buffer zone (If required).
- Project Proponent is asked to also identify the rural areas for installation of solar light with its maintenance within the study area of 10 km radius buffer zone with time bound action plan.
- Effective arrangement shall be made to provide and maintain at suitable points conveniently situated, a sufficient supply of drinking water for all the persons employed.

Statutory compliance

- The project proponent shall obtain Consent to Establish / Operate under the provisions of Air (Prevention & Control of Pollution) Act, 1981 and the Water (Prevention & Control of Pollution) Act, 1974 from the Pollution Control Board Assam.
- The maximum production or peak production at any given time shall not exceed the limit as prescribed in the EC.
- The project proponent shall obtain forest clearance under the provisions of Forest (Conservation) Act, 1986, in case of the diversion of forest land for non-forest purpose involved in the project.
- The Environmental clearance shall be subject to orders of Hon'ble Supreme Court of India, Hon'ble High Courts, NGT and any other Court of Law, from time to time, and as applicable to the project
- The project proponent shall obtain clearance from the National Board for Wildlife, if applicable.
- Validity of EC is as per life of the mine mentioned in EC letter or 30 years as per EIA Notification, 2006 and its amendments therein

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Water quality monitoring and mitigation measures

- Monitoring of water quality upstream and downstream of river including pons, lakes, tanks shall be carried out once in six months and record of monitoring data shall be maintained and submitted to the Ministry of Environment, Forest and Climate Change/Regional Office.
- The project proponent shall take all precautionary measures to ensure reverian/riparian
 ecosystem in and around the coal mine up to a distance of 5 km. A revarian/riparian ecosystem
 conservation and management plan should be prepared and implemented in consultation with
 the irrigation / water resource department in the state government.
- 3. The project proponent shall not alter major water channels around the site. Appropriate embankment shall be provided along the side of the river/nallah flowing near or adjacent to the mine. The embankment constructed along the river/nallah boundary shall be of suitable dimensions and critical patches shall be strengthened by stone pitching on the river front side, stabilized with plantation so as to withstand the peak water pressure preventing any chance of mine inundation.
- EC for Dora Nala Minor Mineral Unit (Stone), Cachar Forest Division, Silchar by Purnam Deb. (SIA/AS/MIN/ 448709/2023) SEIAA. 3578/2023.

SEIAA Resolution 16/3:

Deliberations by the SEIAA in current meetings

EC is rejected as per terms and conditions laid down by SEAC, Assam.

Recommendation of SEIAA

Reject

 EC for Proposed residential complex Fortune Victor (a Unit of Fortune Towers Pvt Ltd), Guwahati by Fortune Towers (India) Private Limited (SIA/AS/INFRA2/ 431555/2023) SEIAA. 3502/2023.

SEIAA Resolution 16/4:

Recommendation of SEIAA

The committee suggested for a site visit.

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Dr. Sarat Phukan, Member, SEIAA, Assam

 EC for Kumatia Down-stream Earth/Ordinary clay Govt. Permit Area, Dhemaji Forest Division by DFO, Dhemaji. (SIA/AS/MIN/429364/2023) SEIAA. 3481/2023.

SEIAA Resolution 16/5:

Deliberations by the SEIAA in current meetings

EC is approved for project area allotted 1.50Ha with a quantity of 37,448cum for the period of 2 (two) years @ 18,724cum annually subject to the terms and conditions laid down in the approved mining plan.

Recommendation of SEIAA

Approved

Specific condition by SEIAA

- 1. Mining shall be confined and limited to the area falling within GPS coordinates.
- The active bank of the river is not disturbed / damaged because of mining operation and transportation of mining materials.
- 3. Mining should be carried out only within the said location.
- 4. No diversion or blocking of the natural course of the river is permitted.
- 5. No damage or excavation of the bank line is permitted.
- 6. No use of chemicals affecting aquatic life and water parameters is permitted.
- Mining/excavation can be carried out keeping a distance of at least 150m from the embankment.
- The project proponent shall submit CTO/CTE from PCB, Assam in terms of the guidelines circulated by the CPCB / MoEF&CC for non-manual extraction which need to be adhered to and to be ensured by concerned DFO.
- If DFO himself is the Project Proponent than he shall initiate necessary formalities for transferring the EC to the lessee and apply accordingly to SEIAA as per the EIA Notification, 2006. The mining can only be commence after the approval of transfer of EC by SEIAA.
- 10. The DFO shall ensure necessary measure for the safety of the liners structure and mining to be restricted to within the approved mining site.
- 11. The DFO shall ensure marking the boundary of the mining site with permanent concrete pillars as per the approved mining plan.

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Standard Conditions of Mining Minerals

Air quality monitoring and mitigation measure

- Vehicular emissions shall be kept under control and regularly monitored. All the vehicles
 engaged in mining and allied activities shall operate only after obtaining 'PUC' certificate
 from the authorized pollution testing centres.
- 2. The transportation of materials shall be carried out as per the provisions and route proposed in the approved mining plan. Transportation of the materials through the existing road passing through any village shall be avoided. In case, it is proposed to construct a 'bypass' road, it should be so constructed that the impact of sound, dust and accidents could be appropriately mitigated.
- Major approach roads should be properly maintained with dust suppression measures and the river bank in any case must not be damaged.
- Adequate number of Fog canon (mist sprayer) shall be installed to reduce the impact of air pollution at dust generating sources with time bound action plan.

Corporate Environment Responsibility

- Self-environmental audit shall be conducted annually. Every three years third party environmental audit shall be carried out.
- 2. The company shall have a well laid down environmental policy duly approve by the Board of Directors. The environmental policy should prescribe for standard operating procedures to have proper checks and balances and to bring into focus any infringements/deviation/violation of the environmental/forest/wildlife norms/conditions. The company shall have defined system of reporting infringements/deviation/violation of the environmental/forest/wildlife norms/conditions and/or shareholders/stake holders.

Land Reclamation

Native tree species shall be selected and planted over areas affected by subsidence.

Mining Plan

- Efforts should be made to reduce energy and fuel consumption by conservation, efficiency improvements and use of renewable energy.
- No mining shall be carried out in forest land without obtaining Forestry Clearance as per Forest (Conservation) Act, 1980 and also adhering to The Scheduled Tribes and Other

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Traditional Forest Dwellers (Recognition of Forest Rights) Act, 2006 read with provisions of Indian Forest Act, 1927.

- Mining shall be carried out under strict adherence to provisions of the Mines Act 1952 and subordinate legislations made there-under as applicable.
- No change in mining method i.e. open cast to under-ground, calendar programme and scope
 of work shall be made without obtaining prior approval of the Ministry of Environment,
 Forests and Climate Change (MoEFCC).

Miscellaneous

- 1. The above conditions shall be enforced, inter-alia under the provisions of the Water (Prevention & Control of Pollution) Act, 1974, the Air (Prevention & Control of Pollution) Act, 1981, the Environment (Protection) Act, 1986, Hazardous and Other Wastes (Management and Transboundary Movement) Rules, 2016 and the Public Liability Insurance Act, 1991 along with their amendments and Rules and any other orders passed by the Hon'ble Supreme Court of India / High Courts and any other Court of Law relating to the subject matter.
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- 4. The project proponent shall make public the environmental clearance granted for their project along with the environmental conditions and safeguards at their cost by prominently advertising it at least in two local newspapers of the District or State, of which one shall be in the vernacular language within seven days and in addition this shall also be displayed in the project proponent's website permanently.
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- The project proponent shall upload the status of compliance of the stipulated environment clearance conditions, including results of monitored data on their website and update the same on half-yearly basis.
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- 12. The Ministry reserves the right to stipulate additional conditions if found necessary. The Company in a time bound manner shall implement these conditions.
- 13. The Regional Office of this Ministry shall monitor compliance of the stipulated conditions. The project authorities should extend full cooperation to the officer (s) of the Regional Office by furnishing the requisite data / information/monitoring reports.

Noise and Vibration monitoring and prevention

- Adequate measures shall be taken for control of noise levels as per Noise Pollution Rules, 2016 in the work environment. Workers engaged in blasting and drilling operations, operation of HEMM, etc. shall be provided with personal protective equipment (PPE) like ear plugs/muffs in conformity with the prescribed norms and guidelines in this regard. Adequate awareness programme for users to be conducted. Progress in usage of such accessories to be monitored.
- The noise level survey shall be carried out as per the prescribed guidelines to assess noise exposure of the workmen at vulnerable points in the mine premises, and report in this regard shall be submitted to the Ministry/RO on six-monthly basis.

Public hearing and Human health issues

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- Project Proponent to take measure for installation of Renewable Energy sources in nearby area falling within 10 km radius.
- Project Proponent must ensure an emergency action plan during pandemic in order to provide assistance to the nearby villages located within the 10 km radius buffer zone (If required).
- Project Proponent is asked to also identify the rural areas for installation of solar light with its maintenance within the study area of 10 km radius buffer zone with time bound action plan.
- Effective arrangement shall be made to provide and maintain at suitable points conveniently situated, a sufficient supply of drinking water for all the persons employed.

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- The Environmental clearance shall be subject to orders of Hon'ble Supreme Court of India, Hon'ble High Courts, NGT and any other Court of Law, from time to time, and as applicable to the project
- The project proponent shall obtain clearance from the National Board for Wildlife, if applicable.
- Validity of EC is as per life of the mine mentioned in EC letter or 30 years as per EIA Notification, 2006 and its amendments therein

Water quality monitoring and mitigation measures

- Monitoring of water quality upstream and downstream of river including pons, lakes, tanks shall be carried out once in six months and record of monitoring data shall be maintained and submitted to the Ministry of Environment, Forest and Climate Change/Regional Office.
- The project proponent shall take all precautionary measures to ensure reverian/ riparian ecosystem in and around the coal mine up to a distance of 5 km. A revarian /riparian ecosystem

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- conservation and management plan should be prepared and implemented in consultation with the irrigation / water resource department in the state government.
- 3. The project proponent shall not alter major water channels around the site. Appropriate embankment shall be provided along the side of the river/nallah flowing near or adjacent to the mine. The embankment constructed along the river/nallah boundary shall be of suitable dimensions and critical patches shall be strengthened by stone pitching on the river front side, stabilized with plantation so as to withstand the peak water pressure preventing any chance of mine inundation.
- EC for "Alengamari Village Patta Land Stone, Sand and Sand Gravel Mining Permit Area" proposed by Sri Sansuma Baumatary under Baksa Forest Division, Proposal No SIA/AS/MIN/408265/2022 (SEIAA. 3273/2022).

SEIAA Resolution 16/6:

Deliberations by the SEIAA in current meetings

EC is approved for project area allotted 1.50Ha with a quantity of 10,000cum stone, 5,000cum Sand & 5,000cum Sand- Gravel within a period of 2 (two) years subject to the terms and conditions laid down in the approved mining plan.

Recommendation of SEIAA

Approved

Specific condition by SEIAA

- 1. Mining shall be confined and limited to the area falling within GPS coordinates.
- The active bank of the river is not disturbed / damaged because of mining operation and transportation of mining materials.
- The proponent is permitted to extract the approved quantity of river bed Stone, Sand-Gravel and Sand with maximum mining depth up to 2 (two) meters from the non-mined surface
- The project proponent shall submit CTO/CTE from PCB, Assam in terms of the guidelines circulated by the CPCB / MoEF&CC for non-manual extraction which need to be adhered to and to be ensured by concerned DFO.
- 5. 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 (Roadside, Institutional), works of public utility as shall be decided by the concerned DFO involving

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- local Institutions, Public, Organizations etc. Such activities need to be uploaded in PARIVESH Portal with the compliance reports to be submitted half yearly.
- The DFO shall ensure necessary measure for the safety of the liners structure and mining to be restricted to within the approved mining site.
- The DFO shall ensure marking the boundary of the mining site with permanent concrete pillars as per the approved mining plan.
- The DFO is to ensure necessary compliance of all the terms and conditions stipulated in the EC by the proponent in course of mining operation.

Standard Conditions of Mining Minerals

Air quality monitoring and mitigation measure

- Vehicular emissions shall be kept under control and regularly monitored. All the vehicles
 engaged in mining and allied activities shall operate only after obtaining 'PUC' certificate
 from the authorized pollution testing centres.
- 2. The transportation of materials shall be carried out as per the provisions and route proposed in the approved mining plan. Transportation of the materials through the existing road passing through any village shall be avoided. In case, it is proposed to construct a 'bypass' road, it should be so constructed that the impact of sound, dust and accidents could be appropriately mitigated.
- Major approach roads should be properly maintained with dust suppression measures and the river bank in any case must not be damaged.
- Adequate number of Fog canon (mist sprayer) shall be installed to reduce the impact of air pollution at dust generating sources with time bound action plan.

Corporate Environment Responsibility

- Self-environmental audit shall be conducted annually. Every three years third party environmental audit shall be carried out.
- 2. The company shall have a well laid down environmental policy duly approve by the Board of Directors. The environmental policy should prescribe for standard operating procedures to have proper checks and balances and to bring into focus any infringements/deviation/violation of the environmental/forest/ wildlife norms/conditions. The company shall have

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defined system of reporting infringements/deviation/ violation of the environmental/forest/wildlife norms/conditions and/or shareholders/stake holders.

Land Reclamation

Native tree species shall be selected and planted over areas affected by subsidence.

Mining Plan

- Efforts should be made to reduce energy and fuel consumption by conservation, efficiency improvements and use of renewable energy.
- No mining shall be carried out in forest land without obtaining Forestry Clearance as per Forest (Conservation) Act, 1980 and also adhering to The Scheduled Tribes and Other Traditional Forest Dwellers (Recognition of Forest Rights) Act, 2006 read with provisions of Indian Forest Act, 1927.
- Mining shall be carried out under strict adherence to provisions of the Mines Act 1952 and subordinate legislations made there-under as applicable.
- No change in mining method i.e. open cast to under-ground, calendar programme and scope
 of work shall be made without obtaining prior approval of the Ministry of Environment,
 Forests and Climate Change (MoEFCC).

Miscellaneous

- 1. The above conditions shall be enforced, inter-alia under the provisions of the Water (Prevention & Control of Pollution) Act, 1974, the Air (Prevention & Control of Pollution) Act, 1981, the Environment (Protection) Act, 1986, Hazardous and Other Wastes (Management and Transboundary Movement) Rules, 2016 and the Public Liability Insurance Act, 1991 along with their amendments and Rules and any other orders passed by the Hon'ble Supreme Court of India / High Courts and any other Court of Law relating to the subject matter.
- 2. The illumination and sound at night at project sites disturb the villages in respect of both human and animal population. Consequent sleeping disorders and stress may affect the health in the villages located close to mining operations. Habitations have a right for darkness and minimal noise levels at night. Project Proponents must ensure that the biological clock of the villages is not disturbed; by orienting the floodlights/ masks away from the villagers and keeping the noise levels well within the prescribed limits for day light/night hours

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- The project authorities must strictly adhere to the stipulations made by the State Pollution Control Board and the State Government.
- 4. The project proponent shall make public the environmental clearance granted for their project along with the environmental conditions and safeguards at their cost by prominently advertising it at least in two local newspapers of the District or State, of which one shall be in the vernacular language within seven days and in addition this shall also be displayed in the project proponent's website permanently.
- The copies of the environmental clearance shall be submitted by the project proponents to the Heads of local bodies, Panchayats and Municipal Bodies in addition to the relevant offices of the Government who in turn has to display the same for 30 days from the date of receipt.
- The project proponent shall upload the status of compliance of the stipulated environment clearance conditions, including results of monitored data on their website and update the same on half-yearly basis.
- The project proponent shall submit six-monthly reports on the status of the compliance of the stipulated environmental conditions on the website of the ministry of Environment, Forest and Climate Change at environment clearance portal.
- The project proponent shall submit the environmental statement for each financial year in Form-V to the concerned State Pollution Control Board as prescribed under the Environment (Protection) Rules, 1986, as amended subsequently and put on the website of the company.
- The project authorities shall inform to the Regional Office of the MOEFCC regarding commencement of mining operations.
- No further expansion or modifications in the plant shall be carried out without prior approval
 of the Ministry of Environment, Forests and Climate Change (MoEF&CC).
- 11. The Ministry may revoke or suspend the clearance, if implementation of any of the above conditions is not satisfactory.
- 12. The Ministry reserves the right to stipulate additional conditions if found necessary. The Company in a time bound manner shall implement these conditions.
- 13. The Regional Office of this Ministry shall monitor compliance of the stipulated conditions. The project authorities should extend full cooperation to the officer (s) of the Regional Office by furnishing the requisite data / information/monitoring reports.

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Noise and Vibration monitoring and prevention

- Adequate measures shall be taken for control of noise levels as per Noise Pollution Rules, 2016 in the work environment. Workers engaged in blasting and drilling operations, operation of HEMM, etc. shall be provided with personal protective equipment (PPE) like ear plugs/muffs in conformity with the prescribed norms and guidelines in this regard. Adequate awareness programme for users to be conducted. Progress in usage of such accessories to be monitored.
- The noise level survey shall be carried out as per the prescribed guidelines to assess noise exposure of the workmen at vulnerable points in the mine premises, and report in this regard shall be submitted to the Ministry/RO on six-monthly basis.

Public hearing and Human health issues

- Project Proponent to take measure for installation of Renewable Energy sources in nearby area falling within 10 km radius.
- Project Proponent must ensure an emergency action plan during pandemic in order to provide assistance to the nearby villages located within the 10 km radius buffer zone (If required).
- Project Proponent is asked to also identify the rural areas for installation of solar light with its maintenance within the study area of 10 km radius buffer zone with time bound action plan.
- Effective arrangement shall be made to provide and maintain at suitable points conveniently situated, a sufficient supply of drinking water for all the persons employed.

Statutory compliance

- The project proponent shall obtain Consent to Establish / Operate under the provisions of Air (Prevention & Control of Pollution) Act, 1981 and the Water (Prevention & Control of Pollution) Act, 1974 from the Pollution Control Board Assam.
- The maximum production or peak production at any given time shall not exceed the limit as prescribed in the EC.
- The project proponent shall obtain forest clearance under the provisions of Forest (Conservation) Act, 1986, in case of the diversion of forest land for non-forest purpose involved in the project.
- 4. The Environmental clearance shall be subject to orders of Hon'ble Supreme Court of India, Hon'ble High Courts, NGT and any other Court of Law, from time to time, and as applicable to the project

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- The project proponent shall obtain clearance from the National Board for Wildlife, if applicable.
- Validity of EC is as per life of the mine mentioned in EC letter or 30 years as per EIA Notification, 2006 and its amendments therein.

Water quality monitoring and mitigation measures

- Monitoring of water quality upstream and downstream of river including pons, lakes, tanks shall be carried out once in six months and record of monitoring data shall be maintained and submitted to the Ministry of Environment, Forest and Climate Change/Regional Office.
- The project proponent shall take all precautionary measures to ensure reverian/ riparian
 ecosystem in and around the coal mine up to a distance of 5 km. A revarian /riparian ecosystem
 conservation and management plan should be prepared and implemented in consultation with
 the irrigation / water resource department in the state government.
- 3. The project proponent shall not alter major water channels around the site. Appropriate embankment shall be provided along the side of the river/nallah flowing near or adjacent to the mine. The embankment constructed along the river/nallah boundary shall be of suitable dimensions and critical patches shall be strengthened by stone pitching on the river front side, stabilized with plantation so as to withstand the peak water pressure preventing any chance of mine inundation.
- EC for "Regularisation Of Existing Manufacturing Unit Kamlang Saw & Vencer Mills
 Private Limited Of 7500 Mtpa Capacity That Produces Timber Based Products And
 Resins Of 475 Mtpa" proposed by Kamlang Saw & Vencer Mills Pvt Ltd, Proposal No
 SIA/AS/IND3/436150/2023 (SEIAA. 3603/2023).

SEIAA Resolution 16/7:

Recommendation of SEIAA

The committee suggested for a site visit.

Smti. Neera Daulagupu, ACS, Secretary, Env& Forest, Assam cum Member Secretary, SEIAA, Assam.

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8. "Amendment of TOR for Regularization of existing production facilities for TMT Bar-84000 TPA, MS Coil-12936 TPA, MS Black Wire-1116 TPA & MS Wire Nail-792 TPA and MS Steel Billet-66000 TPA through IF(10 TPH x 3)" proposed by K D Iron And Steel Co, Proposal No SIA/AS/IND/306807/2023 (SEIAA. 3456/2023).

SEIAA Resolution 16/8:

Deliberations by the SEIAA in current meetings

Amendment of TOR is approved for expand its existing production facilities for M.S. Billet (from 66000 TPA to 180000 TPA) through Induction Furnace (15 TPH x 4 Nos.) and Rerolled products [From 98844 TPA to 200000 TPA (174600 TPA through Hot Charging & 25400 TPA through Reheating Furnace 20TPH] within the existing plant area of 3.14 Ha..

Recommendation of SEIAA

Approved

Specific condition by SEIAA

- The unit shall install Online Continuous Emission Monitoring System (OCEMS) from monitoring of PM, SO₂ and NOX in its chimney and data generated shall be connected with PCBA server. The unit shall comply with the specific emission standard of 150 mg/Nm³ as specified in the MoEF & CC Notification Vide No. GSR 277 (E) dtd. 31.03.2012.
- 2. Coal shall be stored under shed. Under no circumstances, coal shall be stored in open areas.
- Rain water harvesting system with adequate capacity shall be installed and harvested rain water shall be reused to meet with raw water requirement to the maximum possible extent.
- 4. The unit shall install water sprinkling facility in the haul roads inside the factory and also outside the factory premises, at least in the front road of the factory." Mining shall be confined and limited to the area falling within GPS coordinates.
- The active bank of the river is not disturbed / damaged because of mining operation and transportation of mining materials.
- the Project as proposed is Rs 205 Crore and an area of nearly .05 ha is kept aside for Green Belt development around (16% of the plot area) the premises by way of planting around 1250 numbers of local plant species.
- 7. Minimum of 33% of the area is to be kept aside for the purpose thereby meaning that such plantations may be raised in the nearby existing institutions or public places with suitable local species of plants.

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- 8. The species for raising Green Belt comprising: Bor Thekera (Garcinia pedunculata), Khair (Acacia catechu), Mohaneem (Azedirachta indica), Jamun (Syzygium cuminii), Titasopa (Michelia champaca), Koros (Derris pinnata), Daton (Streblus asper), Bakul (Mimosups elengi), Sajina (Moringa oleifera), Ou-tenga (Dillenia indica), Kadam (Anthocephalus cadamba) etc.
- All the other terms and conditions mentioned in the Standered TOR letter dated 17/05/2023 shall remain the same.
- EC for "Redevelopment of Assam Police Reserve Campus, Guwahati, Assam By M/S
 Public Works Department (P.W.D.) Of Assam" proposed by Arup Das, Proposal No
 SIA/AS/INFRA2/434599/2023 (SEIAA. 3547/2023).

SEIAA Resolution 16/9:

Deliberations by the SEIAA in current meetings

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

Recommendation of SEIAA

Approved

Specific condition by SEIAA

- The total built up area is 1,02,740.69 m² · therefore, 1284 numbers of plants are required to be planted by the project proponent in suitable patches in and around the project area covering almost 1Ha of the total project area Mining shall be confined and limited to the area falling within GPS coordinates.
- 2. The plant species may be Bakul (Mimosups elengi), Nahor (Mesua ferrea), Ashoka (Saraca asoca), Bokphul (Sesbania grandiflora), Kordoi (Averrhoa carambola), Kanchan (Bauhinia purpurea), Jalphai (Ealeocarpus floribundus), Hilikha (Terminalia chebula), Amlokhi (Phyllanthus embelica), Rudrakshya (Elaeocarpus ganitrus), Kuji thekera (Garcinia morella), Ronga Joba (Hibiscus rosa sinensis), Bael (Aegle marmelos), Chandan (Santalum album), Agor (Aquillaria malaccensis), Giloy (Tinospora cordifolia), Sewali phul (Nyctanthes arbor

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- tris tis), Mohaneem (Azedirachta indica), Money plant (Araceae member), indigenous flowering species of shrubs like Kamini kusum (Murraya paniculata), Narasingha (Murraya koengii) etc.
- The proponent shall introduce specially for a YOGA Hall (Yoga Centre) wherein a trained personnel in Yoga could be engaged for impart of proper training for a healthy living.
- 4. The Proponent 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) including the proposed greenery around the premises and the same are to be uploaded in the PARIVESH portal.
- 5. The STP is to be managed by the Project Proponent for the period even after handing over the projects to the stakeholders. The Project Proponent shall have the AMC with the STP provider for operation and maintenance for a period of at least initial 10 (Ten) years at the 1st instance and shall be monitor the compliance by the PCB, Assam.
- The Central Ground Water Authority for use of water in the operational phase needs to be
 obtained by the Proponent including the requisite permission / NOC from the GMC. Other
 requisite information with layout plan are to be furnished by the proponent as suggested
 above.
- 7. The project Proponent shall need to get the EC transferred by filing application to the SEIAA in the name of the Developer for compliance of all the conditions / stipulations in terms of the EC and fixation of responsibilities / accountability for environmental safeguard before start of the activities.
- 8. During construction phase, rain water shall be tapped and used for construction purposes
- The unit shall retrofit acoustic enclosure around the fan blower in the mist canon to minimize noise generation.
- 10. The fine aggregates for construction shall be kept either in covered condition or in moist condition to minimize the fugitive dusts generated during handling of such materials.
- 11. The feeding station of the Batching plant should have enclosure to prevent generation of fugitive dust.
- Project Proponent shall obtain Consent to Establish (CTE) and Consent to Operate (CTO) for the entire project immediately.

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Standard Conditions of Mining Minerals

Standard Conditions:

- 1. No further expansion or modifications in the plant, other than mentioned in the EIA Notification, 2006 and its amendments, shall be carried out without prior approval of the Ministry of Environment, Forest and Climate Change/SEIAA, as applicable. In case of deviations or alterations in the project proposal from those submitted to this Ministry for clearance, a fresh reference shall be made to the Ministry/SEIAA/SEAC, as applicable, to assess the adequacy of conditions imposed and to add additional environmental protection measures required, if any.
- The energy source for lighting purpose shall be preferably LED based, or advanced having preference in energy conservation and environment betterment.
- 3. The overall noise levels in and around the plant area shall be kept well within the standards by providing noise control measures including acoustic hoods, silencers, enclosures etc. on all sources of noise generation. The ambient noise levels shall conform to the standards prescribed under the Environment (Protection) Act, 1986 Rules, 1989 viz. 75 dBA (day time) and 70 dBA (night time).
- 4. The company shall undertake all relevant measures for improving the socio-economic conditions of the surrounding area. CER activities shall be undertaken by involving local villages and administration and shall be implemented. The company shall undertake eco-developmental measures including community welfare measures in the project area for the overall improvement of the environment.
- 5. The company shall earmark sufficient funds towards capital cost and recurring cost per annum to implement the conditions stipulated by the Ministry of Environment, Forest and Climate Change as well as the State Government along with the implementation schedule for all the conditions stipulated herein. The funds so earmarked for environment management/ pollution control measures shall not be diverted for any other purpose.
- 6. A copy of the clearance letter shall be sent by the project proponent to concerned Panchayat, Zilla Parishad/ Municipal Corporation, Urban local Body and the local NGO, if any, from whom suggestions/ representations, if any, were received while processing the proposal.
- The project proponent shall also submit six monthly reports on the status of compliance of the stipulated Environmental Clearance conditions including results of monitored data (both in

Smti. Neera Daulagupu, ACS, Secretary, Env& Forest, Assam cum Member Secretary, SEIAA, Assam.

Dr. Sarat Phukan, Member, SEIAA, Assam

- hard copies as well as by e-mail) to the respective Regional Office of MoEF&CC, the respective Zonal Office of CPCB and SPCB. A copy of Environmental Clearance and six monthly compliance status report shall be posted on the website of the company.
- 8. The environmental statement for each financial year ending 31st March in Form-V as is mandated shall be submitted to the concerned State Pollution Control Board as prescribed under the Environment (Protection) Rules, 1986, as amended subsequently, shall also be put on the website of the company along with the status of compliance of environmental clearance conditions and shall also be sent to the respective Regional Offices of MoEF & CC by e-mail.
- 9. The project proponent shall inform the public that the project has been accorded environmental clearance by the Ministry and copies of the clearance letter are available with the SPCB/Committee and may also be seen at Website of the Ministry and at https://parivesh.nic.in/. This shall be advertised within seven days from the date of issue of the clearance letter, at least in two local newspapers that are widely circulated in the region of which one shall be in the vernacular language of the locality concerned and a copy of the same shall be forwarded to the concerned Regional Office of the Ministry.
- 10. The project authorities shall inform the Regional Office as well as the Ministry, the date of financial closure and final approval of the project by the concerned authorities and the date of start of the project.
- 11. This Environmental clearance is granted subject to final outcome of Hon'ble Supreme Court of India, Hon'ble High Court, Hon'ble NGT and any other Court of Law, if any, as may be applicable to this project.

Specific Conditions

- The company shall comply with all the environmental protection measures and safeguards
 proposed in the documents submitted to the Ministry. All the recommendations made in the
 EIA/EMP in respect of environmental management, and risk mitigation measures relating to
 the project shall be implemented.
- Total fresh water requirement shall not exceed 39 m3/day will be met from groundwater. Prior permission shall be obtained from the concerned regulatory authority.
- 3. The project proponent will treat and reuse the treated water within the factory and no waste or treated water shall be discharged outside the premises. Mobile ETP coupled with RO shall be installed to reuse the treated water in drilling system. Size of the waste shall be equal to

Smti. Neera Daulagupu, ACS, Secretary, Env& Forest, Assam cum Member Secretary, SEIAA, Assam.

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the hole volume+ volume of drill cutting and volume of discarded mud if any. Two feet free board may be left to accommodate rain water. There shall be separate storm water channel and rain water shall not be allowed to mix with waste water. Alternatively, if possible pit less drilling be practiced instead of above.

- 4. Approach road shall be made pucca to minimize generation of suspended dust.
- The project proponent shall make all arrangements for control of noise from the drilling activity. Acoustic enclosure shall be provided for the DG sets along with the adequate stack height as per CPCB guidelines.
- The company shall construct the garland drain to prevent runoff of any oil containing waste into the nearby water bodies. Separate drainage system shall be created for oil contaminated and non-oil contaminated.
- 7. Drill cuttings separated from drilling fluid shall be adequately washed and disposed in HDPE lined pit. Waste mud shall be tested for hazardous contaminants and disposed according to HWMH Rules, 2016. No effluent/drilling mud shall be discharged/disposed off into nearby surface water bodies. The company shall comply with the guidelines for disposal of solid waste, drill cutting and drilling fluids for onshore drilling operation notified vide GSR.546(E) dated 30th August, 2005.
- 8. Oil spillage prevention and mitigation scheme shall be prepared. In case of oil spillage/ contamination, action plan shall be prepared to clean the site by adopting proven technology. The recyclable waste (oily sludge) and spent oil shall be disposed of to the authorized recyclers.
- 9. The project proponent shall take necessary measures to prevent fire hazards, containing oil spill and soil remediation as needed. At fixed installations or plants use of ground flare shall be explored. At the place of ground flaring, the overhead flaring stack with knockout drums shall be installed to minimize gaseous emissions during operation.
- 10. The project proponent shall develop a contingency plan for H2S release including all necessary aspects from evacuation to resumption of normal operations. The workers shall be provided with personal H2S detectors in locations of high risk of exposure along with selfcontaining breathing apparatus.

11. Blow out preventor system shall be installed to prevent well blowouts during drilling operations.

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- 12. On completion of the project, necessary measures shall be taken for safe plugging of wells with secured enclosures to restore the drilling site to the original condition. The same shall be confirmed by the concerned regulatory authority from environment safety angle. In case of hydrocarbon not found economically viable, a full abandonment plan shall be implemented for the drilling site in accordance with the applicable DGH / Indian Petroleum Regulations.
- 13. As per the Ministry's OM dated 30.09.2020 superseding the OM dated 01.05.2018 regarding the Corporate Environmental Responsibility, and as per the action plan proposed by the project proponent to address the socio-economic and environmental issues in the study area, the project proponent, as committed, shall provide education funds in technical training centers/ support in nearby village's schools, support in health care facilities, drinking water supply and funds for miscellaneous activities like solar street lights, battery, solar panel etc., in the nearby villages. The action plan shall to be completed within time as proposed.
- 14. No lead acid batteries shall be utilized in the project/site.
- 15. Occupational health surveillance of the workers shall be carried out as per the prevailing Acts and Rules. All workers & employees shall be provided with required safety kits/mask for personal protection.
- 16. Oil content in the drill cuttings shall be monitored and report & shall sent to the Ministry's Regional Office.
- 17. The project proponent shall prepare operating manual in respect of all activities, which would cover all safety & environment related issues and measures to be taken for protection. One set of environmental manual shall be made available at the drilling site/ project site. Awareness shall be created at each level of the management. All the schedules and results of environmental monitoring shall be available at the project site office. Remote monitoring of site should be done.
- 18. Project Proponent shall sensitize and create awareness among the people working within the project area as well as its surrounding area on the ban of Single Use Plastic in order to ensure the compliance of Notification published by MOEFCC on 12th August, 2021. A report along with photographs on the measures taken shall also be included in the six-monthly compliance report being submitted to concerned authority.

Smti. Neera Daulagupu, ACS, Secretary, Env& Forest, Assam cum Member Secretary, SEIAA, Assam. Dr. Sarat Phukan, Member, SEIAA, Assam

 EC for Garumara Char Pt-II Sand, Gravel, Sand-Gravel, and Small Size Boulder Mining Permit Area by Delowar Hussain (SIA/AS/MIN/421402/2023) SEIAA. 3402/2023.

SEIAA Resolution 16/10:

Deliberations by the SEIAA in current meetings

EC is approved for project area allotted 2.42Ha with a quantity of 9,000cu.m of Sand, Gravel, Boulder and Sand-Gravel in 1(one) year (3,600cu.m of Sand; Sand-Gravel and 1,800cu.m Boulder) subject to the terms and conditions laid down by the SEAC.

Recommendation of SEIAA

Approved

Specific condition by SEIAA

- 1. Mining shall be confined and limited to the area falling within the GPS coordinates.
- The active bank of the river is not disturbed / damaged because of mining operation and transportation of mining materials.
- The proponent is permitted to extract the approved quantity of river bed sand, gravel and boulder with maximum mining depth of up to 2 (two) metres from the non-mined surface.
- 4. The Proponent shall also invariably obtain the copy of latest CTE/CTO from the PCB, Assam.
- The Divisional Forest Officer shall ensure due vigilance in the mining area to avert any kind of irregularities / illegalities during the mining period.
- The DFO shall also ensure marking the boundary of the mining site on the ground fixing
 permanent concrete pillars, painted yellow with the Geo coordinates depicted there in on the
 pillars/posts, following the GPS coordinates mentioned in the approved mining plan.

Standard Conditions of Mining Minerals

Air quality monitoring and mitigation measure

- Vehicular emissions shall be kept under control and regularly monitored. All the vehicles engaged in mining and allied activities shall operate only after obtaining 'PUC' certificate from the authorized pollution testing centres.
- The transportation of materials shall be carried out as per the provisions and route proposed in the approved mining plan. Transportation of the materials through the existing road passing through any village shall be avoided. In case, it is proposed to construct a 'bypass' road, it

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Dr. Sarat Phukan, Member, SEIAA, Assam

- should be so constructed that the impact of sound, dust and accidents could be appropriately mitigated.
- Major approach roads should be properly maintained with dust suppression measures and the river bank in any case must not be damaged.
- Adequate number of Fog canon (mist sprayer) shall be installed to reduce the impact of air pollution at dust generating sources with time bound action plan.

Corporate Environment Responsibility

- Self-environmental audit shall be conducted annually. Every three years third party environmental audit shall be carried out.
- 2. The company shall have a well laid down environmental policy duly approve by the Board of Directors. The environmental policy should prescribe for standard operating procedures to have proper checks and balances and to bring into focus any infringements/deviation/violation of the environmental/forest/wildlife norms/conditions. The company shall have defined system of reporting infringements/deviation/violation of the environmental/forest/wildlife norms/conditions and/or shareholders/stake holders.

Land Reclamation

Native tree species shall be selected and planted over areas affected by subsidence.

Mining Plan

- Efforts should be made to reduce energy and fuel consumption by conservation, efficiency improvements and use of renewable energy.
- No mining shall be carried out in forest land without obtaining Forestry Clearance as per Forest (Conservation) Act, 1980 and also adhering to The Scheduled Tribes and Other Traditional Forest Dwellers (Recognition of Forest Rights) Act, 2006 read with provisions of Indian Forest Act, 1927.
- Mining shall be carried out under strict adherence to provisions of the Mines Act 1952 and subordinate legislations made there-under as applicable.
- No change in mining method i.e. open cast to under-ground, calendar programme and scope
 of work shall be made without obtaining prior approval of the Ministry of Environment,
 Forests and Climate Change (MoEFCC).

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Miscellaneous

- 1. The above conditions shall be enforced, inter-alia under the provisions of the Water (Prevention & Control of Pollution) Act, 1974, the Air (Prevention & Control of Pollution) Act, 1981, the Environment (Protection) Act, 1986, Hazardous and Other Wastes (Management and Transboundary Movement) Rules, 2016 and the Public Liability Insurance Act, 1991 along with their amendments and Rules and any other orders passed by the Hon'ble Supreme Court of India / High Courts and any other Court of Law relating to the subject matter.
- 2. The illumination and sound at night at project sites disturb the villages in respect of both human and animal population. Consequent sleeping disorders and stress may affect the health in the villages located close to mining operations. Habitations have a right for darkness and minimal noise levels at night. Project Proponents must ensure that the biological clock of the villages is not disturbed; by orienting the floodlights/ masks away from the villagers and keeping the noise levels well within the prescribed limits for day light/night hours
- The project authorities must strictly adhere to the stipulations made by the State Pollution Control Board and the State Government.
- 4. The project proponent shall make public the environmental clearance granted for their project along with the environmental conditions and safeguards at their cost by prominently advertising it at least in two local newspapers of the District or State, of which one shall be in the vernacular language within seven days and in addition this shall also be displayed in the project proponent's website permanently.
- The copies of the environmental clearance shall be submitted by the project proponents to the Heads of local bodies, Panchayats and Municipal Bodies in addition to the relevant offices of the Government who in turn has to display the same for 30 days from the date of receipt.
- The project proponent shall upload the status of compliance of the stipulated environment clearance conditions, including results of monitored data on their website and update the same on half-yearly basis.
- 7. The project proponent shall submit six-monthly reports on the status of the compliance of the stipulated environmental conditions on the website of the ministry of Environment, Forest and Climate Change at environment clearance portal.

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- The project proponent shall submit the environmental statement for each financial year in Form-V to the concerned State Pollution Control Board as prescribed under the Environment (Protection) Rules, 1986, as amended subsequently and put on the website of the company.
- The project authorities shall inform to the Regional Office of the MOEFCC regarding commencement of mining operations.
- No further expansion or modifications in the plant shall be carried out without prior approval
 of the Ministry of Environment, Forests and Climate Change (MoEF&CC).
- 11. The Ministry may revoke or suspend the clearance, if implementation of any of the above conditions is not satisfactory.
- 12. The Ministry reserves the right to stipulate additional conditions if found necessary. The Company in a time bound manner shall implement these conditions.
- 13. The Regional Office of this Ministry shall monitor compliance of the stipulated conditions. The project authorities should extend full cooperation to the officer (s) of the Regional Office by furnishing the requisite data / information/monitoring reports.

Noise and Vibration monitoring and prevention

- Adequate measures shall be taken for control of noise levels as per Noise Pollution Rules, 2016 in the work environment. Workers engaged in blasting and drilling operations, operation of HEMM, etc. shall be provided with personal protective equipment (PPE) like ear plugs/muffs in conformity with the prescribed norms and guidelines in this regard. Adequate awareness programme for users to be conducted. Progress in usage of such accessories to be monitored.
- The noise level survey shall be carried out as per the prescribed guidelines to assess noise exposure of the workmen at vulnerable points in the mine premises, and report in this regard shall be submitted to the Ministry/RO on six-monthly basis.

Public hearing and Human health issues

- Project Proponent to take measure for installation of Renewable Energy sources in nearby area falling within 10 km radius.
- Project Proponent must ensure an emergency action plan during pandemic in order to provide assistance to the nearby villages located within the 10 km radius buffer zone (If required).
- Project Proponent is asked to also identify the rural areas for installation of solar light with its maintenance within the study area of 10 km radius buffer zone with time bound action plan.

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 Effective arrangement shall be made to provide and maintain at suitable points conveniently situated, a sufficient supply of drinking water for all the persons employed.

Statutory compliance

- The project proponent shall obtain Consent to Establish / Operate under the provisions of Air (Prevention & Control of Pollution) Act, 1981 and the Water (Prevention & Control of Pollution) Act, 1974 from the Pollution Control Board Assam.
- The maximum production or peak production at any given time shall not exceed the limit as prescribed in the EC.
- The project proponent shall obtain forest clearance under the provisions of Forest (Conservation) Act, 1986, in case of the diversion of forest land for non-forest purpose involved in the project.
- The Environmental clearance shall be subject to orders of Hon'ble Supreme Court of India, Hon'ble High Courts, NGT and any other Court of Law, from time to time, and as applicable to the project
- The project proponent shall obtain clearance from the National Board for Wildlife, if applicable.
- Validity of EC is as per life of the mine mentioned in EC letter or 30 years as per EIA Notification, 2006 and its amendments therein

Water quality monitoring and mitigation measures

- Monitoring of water quality upstream and downstream of river including pons, lakes, tanks shall be carried out once in six months and record of monitoring data shall be maintained and submitted to the Ministry of Environment, Forest and Climate Change/Regional Office.
- 2. The project proponent shall take all precautionary measures to ensure reverian/ riparian ecosystem in and around the coal mine up to a distance of 5 km. A revarian/riparian ecosystem conservation and management plan should be prepared and implemented in consultation with the irrigation / water resource department in the state government.
- 3. The project proponent shall not alter major water channels around the site. Appropriate embankment shall be provided along the side of the river/nallah flowing near or adjacent to the mine. The embankment constructed along the river/nallah boundary shall be of suitable dimensions and critical patches shall be strengthened by stone pitching on the river front side,

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stabilized with plantation so as to withstand the peak water pressure preventing any chance of mine inundation.

Any other matter

 ToR for proposed Sonai Irrigation Project, Taluka Silchar, District Cachar, Assam by Executive Engineer, North Eastern Investigation Division, (NEID-1) CWC, Rongpur Part-I, Silchar, Dist: Cachar, Assam by Executive Engineer, Irrigation Department, Assam (SIA/AS/RIV/432981/2023) SEIAA. 3561/2023

SEIAA Resolution 16/1:

Approved the Additional TOR.

Additional condition

- It is noted that: the project is uploaded in the name of the office is the Executive Engineer,
 Dholai- Sonai Division Irrigation, Dholai; the person making application Name is Sanghamitra
 Barbara, Engineer; E-mail address sourav.das90@assam.gov.in, as per clarification may be
 made on the correct name, designation, address & email ID which should be in the name of
 Executive Engineer, Dholai- Sonai Division Irrigation, Dholai.
- PFR is uploaded by the consultant ULTRA TECH but it could not be clarified who approved the PFR (clarification required - if the same is accepted by the Department);
- To appoint a Nodal Officer, preferably of the rank of SE of the jurisdiction for proper liasoning / oversee the progress of ToR compliances.
- Projected Cost of Restoration & Rehabilitation (R & R) all details are not projected which need to be worked out as per the prevalent policy and furnished with total cost involved with the timeline;
- Cost of Compensatory Afforestation (CA) for 20.56 Ha needs to be worked out and included in the project cost.
- 6. The projected Green Belt along the Canals is shown as 10 ha (should be ascertained in terms of the guidelines of the MoEF & CC) with planting of 25,000 numbers of saplings wherein the estimated cost is projected at Rs 352.63 Lakh which, however, shall need to be reflected in the total cost of the Project for the Environment Management Plan (EMP) which shall also entail expenditures on account of the conservation plan for the Wildlife of the area.

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- How many Schemes have been implemented during last 10 years (2013-14 to 2023-24) within Proponents' Division? Required with Geo-tagged photographs (as may overlap the proposed project area);
- 8. List of successful Schemes falling within and outside the proposed Project area.
- 9. List of Schemes which are treated as failure with causes of failure
- 10. Command area of the Cachar District involved in these schemes with different Cropping Pattern
- 11. Whether any ground work has been started for the scheme at hand and nature of works undertaken with expenditures involved.

The meeting came to an end with a vote of thanks from the Chair.

(Sri Rajesh Kemprai) Chairman,

SEIAA, Assam

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