



STATE ENVIRONMENT IMPACT ASSESSMENT AUTHORITY (SEIAA)

:: MEGHALAYA ::

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MINUTES OF THE MEETING OF THE SEIAA, MEGHALAYA.

HELD ON 30th June, 2023, AT 2:00 PM,

VENUE: OFFICE CHAMBER OF THE CHAIRMAN.

Members present in the Meeting:

1. Shri T.T.C. Marak, IFS (Retd.)Chairman, SEIAA
2. Dr. H.J. Syiemlieh, Professor, Dept. of Geography, NEHU Member, SEIAA
3. Shri W.S. Manner, IFS, CCF, SF & EMember Secy., SEIAA

Proceedings:

The Meeting was chaired by Shri T.T.C. Marak, Chairman, SEIAA. At the outset, the Chairman welcomed the Members and then invited the Member Secretary to present the agenda points for discussion.

Agenda 1 : Action taken Report - The Member Secretary informed about the action of the decisions taken in the last SEIAA's meeting held on 2nd June, 2023 and circulated the Minutes of the said meeting. The meeting approved the actions taken and confirmed the proceedings.

Agenda 2 : Grant of Environmental Clearance (EC)

2.1 Proposal No. SIA/ML/MIN/416645/2023 submitted by Shri. George S. Marak (M/s Jongmegre Boulder Stone Mine)

Deliberation:

The Project Proponent, Shri. George S. Marak submitted an online application vide proposal No. SIA/ML/MIN/416645/2023 for Environmental Clearance for Jongmegre Boulderstone Mine for an area of 4.90 hectares. The proposal is for mining of boulder stone use for construction purposes; hence the project fall under Schedule 1(a) of category B2 of EIA Notification 2006. The area is located at Jongmegre, Samanda, East Garo Hills District, Meghalaya and Survey of India toposheet No. G46M10 with the following GPS Coordinates:

Pillar No.	GPS Coordinates	
	Latitude	Longitude
1	25° 31' 35.85"N	90° 30' 4.39"E
2	25° 31' 30.30"N	90° 30' 9.31"E
3	25° 31' 26.35"N	90°30' 6.85"E
4	25° 31' 25.01"N	90° 30' 2.62"E
5	25° 31' 30.45"N	90° 30' 0.07"E

The proposed land is on lease vide Deed of Agreement which was executed on the 2nd March 2020 and the terms of agreement shall be for the period till the existing of the stone boulders, which was certified by the public Notary, East Khasi Hills, Meghalaya.

The applied area is a Non Forest Land which was confirmed by the Chief Conservator of Forests (T), Meghalaya, Shillong vide letter No.MFG.30/42/NFLC/MINING/MMMCR/2016/GH/12048, dated Shillong, the 17th December, 2021 and Letter of Intent issued by the Divisional Forest Officer, East & North

Garo Hills Territorial Division, Williamnagar vide letter No.B/50/111/1544 dated Williamnagar, the 10th March 2022.

The project proponent obtained a cluster certificate from the Divisional Mining Officer, East Garo Hills, Williamnagar vide letter No.DMO-W/MP/15/2019/84 dated Williamnagar, the 11th October, 2022 which states that there are no approved mining plan lying within 500 metres from the applied mining lease area. Hence, the Environment Management Plan is not required.

The project proponent submitted the approved Mining Plan with Progressive Mine Closure Plan approved by the Divisional Mining Officer, East Garo Hills, Williamnagar vide letter No.DMO-W/MP/82/2022/77 dated Williamnagar the 16th of September 2022. The Mining Plan has been prepared to extract boulder stone at the rate of 350064 MTPA with a project cost of ₹24.50 lakhs and the operations will be open cast, semi-mechanized method of mining.

The mineable reserves of stone are of the order of 31,20,200 MT. The production in the period of the mining plan will be around 17,50,320 MT in 5 years. Therefore, the balance reserves will be (3120200 - 1750320) or 1369880MT. If the production target is 350064MT, the balance reserve will be sufficient for (1369880 /350064) or 3.91 years. Thus, the total life of the mine is 5+3.91=8.91 or say 9 years.

Decision:

The State Environment Impact Assessment Authority, Meghalaya, in the meeting held on 30th June, 2023 noted and accepted the recommendation in the above said SEAC's Minutes relating to this project and unanimously resolved to grant Environment Clearance to this project.

Accordingly, on recommendation of the SEAC and as per the EIA Notification- 2006 and its subsequent amendments, the SEIAA in the meeting unanimously grant Environment Clearance to this project, with the Terms and conditions as stipulated in "Standard EC Conditions for Non-Coal mining sector" issued vide Ministry' OM No.22-24/2018-IA-III dtd 08.01.2019 and with the following conditions.

1. LOI ought to be renewed as the validity has expired.
2. A settling Tank is to be constructed, at a suitable site within the mining area for collection of debris, sediment, silt, fragmented stones etc. carried by surface water channelized through the Curtain drain. The deposited debris, spoils etc. are to be removed/cleared, both from the tank and drain as and when required. Overflowing water that flows downhill shall be dispersed but precautions to be taken that spoils etc. generated from mining are not carried along.
3. Garland drains is to be constructed along the periphery of the mining lease boundary to capture the storm water run-off from the mining area, all drains will link to a settling tank with compartments to check and arrest siltation in the mine water prior to discharge.
4. Curtain Drain is to be constructed properly to intercept the surface water from flowing into the mining area and water flowing out of the mine channelized to the Settling tank.
5. If any debris etc. overflows to adjoining land/agricultural field etc. during the mining operation, Monitoring Agency is to take necessary action as per relevant section(s) of Water (Prevention & Control of Pollution) Act, 1974.
6. In annual EMP budget under GREEN BELT, creation of plantations including nursery cost, fencing etc the notified norms of Forest and Environment Department, Govt of Meghalaya is to be followed strictly, including financial cost. Budget under said head stands revised accordingly.
7. To increase the allocation for plantation and maintenance to a minimum of ₹1 lakh per annum and double the number of plants to be planted. Plantation should be done in the 1st and 2nd year of the planned period.

TMB

8. CER should be included in the capital cost and it should be increased to a minimum of ₹1 lakh annually.
9. Boundary pillars with the height not less than 2.5 feet above the ground level and 1.5 feet below ground and minimum 8 inches on all faces of the pillar should be erected.
10. GPS coordinates of each pillar should be carved/painted clearly on the pillars with Red colour.
11. A board highlighting the name of project and project proponent, location name, total area of the mine, date of issue of EC by SEIAA and CTO & CTE by MSPCB should be installed at the entrance to the mining site and clearly visible.
12. Fencing of the boundary of site with minimum two strands of barbed wire or ordinary split bamboo fencing is to be erected all around the periphery of the approved mining area.
13. Storing and collection of water through rainwater harvesting for dust sprinkling and recharging of the aquifers.
14. The Green Belt shall be created within the 7.5 meter Safety Zone area during the first year of the project and if there are any sorts of vegetation in the said area, they shall be preserved and not damaged.

Member Secretary shall prepare the draft Environment Clearance for this project and circulate the same to all Members of the Authority for views/comments/corrections, if any, and then after approval of the Chairman, the Member Secretary shall issue the final Environment Clearance.

2.2. Proposal No. SIA/ML/MIN/410270/2022 submitted by Shri. Jonjeng Marak

Deliberation:

The Project Proponent Shri. Jonjeng Marak, submitted an online application vide proposal No. SIA/ML/MIN/410270/2022 for Environmental Clearance for mining of Boulder stone for an area of 1.00 hectare. The proposal is for mining of Boulder stone to be used for construction purposes. The project falls under Schedule 1(a) of category B2 of EIA Notification 2006. The mining lease area is located at Dudra Viza, P.O. Dhanua, P.S. Tura, West Garo Hills District, Meghalaya and Survey of India toposheet No.78K/6 within the following GPS Coordinates:

Pillar No.	GPS Coordinates	
	Latitude	Longitude
1	25° 39' 20.1"N	89° 57' 41.1"E
2	25° 39' 17.0"N	89° 57' 40.5"E
3	25° 39' 16.4"N	89° 57' 44.1"E
4	25° 39' 19.8"N	89° 57' 44.5"E

The proposed land is on lease for a period of 5 years vide Deed of Lease made on 31st August 2017 registered at D.C. Office by District Registrar, Tura.

The applied area is a Non Forest Land which was confirmed by the Divisional Forest Officer, West & South- West Garo Hills Territorial Division, Tura vide letter No.B/16/VII/NOC/MMMCR/2631-33 dated Tura, the 19th July 2019 and letter of Intent vide letter Memo.No. B/16/VII/2634 dated Tura, the 19th July 2019.

The project proponent has obtained a cluster certificate from the Divisional Mining Officer, East Garo Hills, Williamnagar, Government of Meghalaya, O/o of the Divisional Mining Officer, East Garo Hills, Williamnagar vide letter No.DMO-W/MP/15/2019/87 dated Williamnagar, the 26th August, 2019 which states that there are another two boulder stone mines of different owner lying within 500 metres from

the applied mining lease area. Hence the applied mining area falls under cluster category since the total area of five mines is summed up to 11.80 hectares.

The project proponent submitted the Mining Plan with Progressive Mine Closure Plan approved by the office of the Divisional Mining Officer, Mineral Resources Department, Government of Meghalaya, Williamnagar vide letter No.DMO-W/MP/26/2019/80, dated Williamnagar, the 14th August, 2019. The Mining Plan has been prepared to extract Boulder stone at an average annual production of 40550 TPA with a project cost of ₹12 lakhs and the operations will be open cast, semi-mechanized method of mining.

The mineable reserve of limestone is of the order of 330100 tonnes. The production in the period of the mining plan will be around 149760 tonnes in 5 years. Therefore, the balance reserves will be $(330100 - 149760) = 180340$ tonnes. If the production target is 40550 tonnes, the balance reserve will be sufficient for $(180340/40550) = 4.44$ years. Thus, the total life of the mine is $5 + 4.44 = 9.44$ or say 10 years.

The project was already awarded Term of Reference by the State Environment Impact Assessment Authority, Meghalaya vide letter No.ML/SEIAA/MIN/WGH/P-63/2020/4/2129 dated Shillong the 24th November 2020 and submitted the final EIA/EMP for the proposed Mining of Lime stone where the project proponent complied all the points in compliance to the Term of Reference prepared by **Chaitanya Projects Consultancy Pvt. Ltd.**

The Public Hearing was held on 4th March 2022 which was conducted by the Meghalaya State Pollution Control Board and presided over by Shri. J. R. T. Sangma, MCS, Executive Magistrate & BDO, Selsella Block, West Garo Hills District.

Decision:

The State Environment Impact Assessment Authority, Meghalaya, in the meeting held on 30th June, 2023 noted and accepted the recommendation in the above said SEAC's Minutes relating to this project and unanimously resolved to grant Environment Clearance to this project.

Accordingly, on recommendation of the SEAC and as per the EIA Notification- 2006 and its subsequent amendments, the SEIAA in the meeting unanimously grant Environment Clearance to this project, with the Terms and conditions as stipulated in "Standard EC Conditions for Non-Coal mining sector" issued vide Ministry' OM No.22-24/2018-IA-III dtd 08.01.2019 and with the following conditions.

- 1) LOI ought to be renewed as the validity has expired.
- 2) A settling Tank is to be constructed, at a suitable site within the mining area for collection of debris, sediment, silt, fragmented stones etc. carried by surface water channelized through the Curtain drain. The deposited debris, spoils etc. are to be removed/cleared, both from the tank and drain as and when required. Overflowing water that flows downhill shall be dispersed but precautions to be taken that spoils etc. generated from mining are not carried along.
- 3) Garland drains is to be constructed along the periphery of the mining lease boundary to capture the storm water run-off from the mining area, all drains will link to a settling tank with compartments to check and arrest siltation in the mine water prior to discharge.
- 4) Curtain Drain is to be constructed properly to intercept the surface water from flowing into the mining area and water flowing out of the mine channelized to the Settling tank.
- 5) If any debris etc. overflows to adjoining land/agricultural field etc. during the mining operation, Monitoring Agency is to take necessary action as per relevant section(s) of Water (Prevention & Control of Pollution) Act, 1974.
- 6) In annual EMP budget under GREEN BELT, creation of plantations including nursery cost, fencing etc the notified norms of Forest and Environment Department, Govt of Meghalaya is to be followed strictly, including financial cost. Budget under said head stands revised accordingly.

- 7) To increase the allocation for plantation and maintenance to a minimum of ₹1 lakh per annum and double the number of plants to be planted. Plantation should be done in the 1st and 2nd year of the planed period.
- 8) CER should be included in the capital cost and it should be increased to a minimum of ₹1 lakh annually.
- 9) Boundary pillars with the height not less than 2.5 feet above the ground level and 1.5 feet below ground and minimum 8 inches on all face of pillar should be erected.
- 10) GPS coordinates of each pillar should be carved/painted clearly on the pillars with Red colour.
- 11) A board highlighting the name of project and project proponent, location name, total area of the mine, date of issue of EC by SEIAA and CTO & CTE by MSPCB should be installed at the entrance to the mining site and clearly visible.
- 12) Fencing of the boundary of site with minimum two strands of barbed wire or ordinary split bamboo fencing is to be erected all around the periphery of the approved mining area.
- 13) Storing and collection of water through rainwater harvesting for dust sprinkling and recharging of the aquifers.
- 14) The Green Belt shall be created within the 7.5 meter Safety Zone area during the first year of the project and if there are any sorts of vegetation in the said area, they shall be preserved and not damaged.

Member Secretary shall prepare the draft Environment Clearance for this project and circulate the same to all Members of the Authority for views/comments/corrections, if any, and then after approval of the Chairman, the Member Secretary shall issue the final Environment Clearance.

2.3. Proposal No. SIA/ML/MIN/77252/2021 submitted by Shri. Stephan Majaw (M/s Ka Pammuriang Limestone Mine)

Deliberation:

The Project Proponent, Shri. Stephan Majaw submitted online application vide proposal No.SIA/ML/MIN/77252/2021 for Environmental Clearance for Ka Pammuriang Limestone Mine for mining of Lime stone for an area of 1.18 hectares. The proposal is for mining of lime stone to be used for construction purposes. The project falls under Schedule 1(a) of category B2 of EIA Notification 2006. The mining lease area is located at Ka Pammuriang, Elaka Wahlong Sirdarship, East Khasi Hills District, Meghalaya and toposheet Survey of India No.78 O/12 within the following GPS Coordinates:

Pillar No.	GPS Coordinates	
	Latitude	Longitude
1	25° 11' 04.60" N	91° 42' 28.83" E
2	25° 11' 05.33" N	91° 42' 29.42" E
3	25° 11' 05.54" N	91° 42' 29.88" E
4	25° 11' 05.71" N	91° 42' 30.98" E
5	25° 11' 05.64" N	91° 42' 31.70" E
6	25° 11' 05.25" N	91° 42' 31.96" E
7	25° 11' 04.19" N	91° 42' 32.05" E
8	25° 11' 02.53" N	91° 42' 32.48" E
9	25° 11' 00.67" N	91° 42' 33.50" E
10	25° 11' 00.31" N	91° 42' 31.82" E
11	25° 11' 00.55" N	91° 42' 31.27" E
12	25° 11' 01.87" N	91° 42' 30.31" E

The proposed mining area is on lease vide affidavit made on 27th August 2020 at Shillong certified by Notary Public, Shillong, East Khasi Hills.

The applied area is a Non Forest Land which was confirmed by the Divisional Forest Officer, East Khasi Hills & Ri Bhoi Territorial Division, Shillong vide letter No.KH/8/NOC/Limestone/41/Pt.IV/2338, dated Shillong, the 26th August, 2020 and letter of Intent vide letter No.KH/8/ML/Limestone/68/2535 dated Shillong, the 3rd September 2020 respectively.

The project proponent obtained a cluster certificate from the Mining Engineer, Directorate of Mineral Resources, Meghalaya, Shillong vide letter No.DMR/MM/93/2020/08 dated Shillong, the 28th January 2021 which states that there are five (5) approved mining plans lying within 500 metres from the applied mining lease area. Hence the applied mining area falls under cluster category since the total area six mines is summed up to 15.7211 hectares.

The project proponent submitted the Mining Plan with Progressive Mine Closure Plan approved by the Mining Engineer, Directorate of Mineral Resources, Meghalaya, Shillong vide letter No.DMR/MM/93/2020/04 dated Shillong, the 10th December 2020. The Mining Plan has been prepared to extract lime stone at the rate of 50075 TPA with a project cost of ₹ 21.00 lakhs and the operations will be open cast, semi-mechanized method of mining.

The mineable reserves of limestone are of the order of 5, 70,000 tonnes. The production in the period of the mining plan will be around 2, 50,375 tonnes in 5 years. Therefore, the balance reserves will be $(5, 70,000 - 2, 50,375) = 3, 19,625$ tonnes. If the production target is 50,075 tonnes, the balance reserve will be sufficient for $(3, 19,625 / 50,075) = 6.38$ years. Thus, the total life of the mine is $5 + 6.38 = 11.38$ or say 12 years.

The project was already awarded Term of Reference by the State Environment Impact Assessment Authority, Meghalaya vide letter No.ML/SEIAA/MIN/EKH/P-130/2021/443 dated Shillong the 3rd September 2021 and submitted the final EIA/EMP for the proposed Mining of Lime stone where the project proponent complied all the points in compliance to the Term of Reference prepared by **Geogreen Enviro House Pvt. Ltd.**

The public hearing was held on 5th January 2022 which was conducted by the Meghalaya State Pollution Control Board and presided over by Smt. D. Phawa, ADC, East Khasi Hills District and Chairperson, EPH.

Decision:

The State Environment Impact Assessment Authority, Meghalaya, in the meeting held on 30th June, 2023 noted and accepted the recommendation in the above said SEAC's Minutes relating to this project and unanimously resolved to grant Environment Clearance to this project.

Accordingly, on recommendation of the SEAC and as per the EIA Notification- 2006 and its subsequent amendments, the SEIAA in the meeting unanimously grant Environment Clearance to this project, with the Terms and conditions as stipulated in "Standard EC Conditions for Non-Coal mining sector" issued vide Ministry' OM No.22-24/2018-IA-III dtd 08.01.2019 and with the following conditions.

- 1) LOI ought to be renewed as the validity has expired.
- 2) A settling Tank is to be constructed, at a suitable site within the mining area for collection of debris, sediment, silt, fragmented stones etc. carried by surface water channelized through the Curtain drain. The deposited debris, spoils etc. are to be removed/cleared, both from the tank and drain as and when required. Overflowing water that flows downhill shall be dispersed but precautions to be taken that spoils etc. generated from mining are not carried along.

- 3) Garland drains is to be constructed along the periphery of the mining lease boundary to capture the storm water run-off from the mining area, all drains will link to a settling tank with compartments to check and arrest siltation in the mine water prior to discharge.
- 4) Curtain Drain is to be constructed properly to intercept the surface water from flowing into the mining area and water flowing out of the mine channelized to the Settling tank.
- 5) If any debris etc. overflows to adjoining land/agricultural field etc. during the mining operation, Monitoring Agency is to take necessary action as per relevant section(s) of Water (Prevention & Control of Pollution) Act, 1974.
- 6) In annual EMP budget under GREEN BELT, creation of plantations including nursery cost, fencing etc the notified norms of Forest and Environment Department, Govt of Meghalaya is to be followed strictly, including financial cost. Budget under said head stands revised accordingly.
- 7) To increase the allocation for plantation and maintenance to a minimum of ₹1 lakh per annum and double the number of plants to be planted. Plantation should be done in the 1st and 2nd year of the planed period.
- 8) CER should be included in the capital cost and it should be increased to a minimum of ₹1 lakh annually.
- 9) Boundary pillars with the height not less than 2.5 feet above the ground level and 1.5 feet below ground and minimum 8 inches on all face of pillar should be erected.
- 10) GPS coordinates of each pillar should be carved/painted clearly on the pillars with Red colour.
- 11) A board highlighting the name of project and project proponent, location name, total area of the mine, date of issue of EC by SEIAA and CTO & CTE by MSPCB should be installed at the entrance to the mining site and clearly visible.
- 12) Fencing of the boundary of site with minimum two strands of barbed wire or ordinary split bamboo fencing is to be erected all around the periphery of the approved mining area.
- 13) Storing and collection of water through rainwater harvesting for dust sprinkling and recharging of the aquifers.
- 14) The Green Belt shall be created within the 7.5 meter Safety Zone area during the first year of the project and if there are any sorts of vegetation in the said area, they shall be preserved and not damaged.

Member Secretary shall prepare the draft Environment Clearance for this project and circulate the same to all Members of the Authority for views/comments/corrections, if any, and then after approval of the Chairman, the Member Secretary shall issue the final Environment Clearance.

Agenda 3: Term of Reference (ToR)

3.1 Proposal No. SIA/ML/MIN/81416/2022 submitted by Shri. Rana B. Sangma (M/s Manggapara (Dapgre) Stone Mine)

Deliberation:

The Project Proponent, Shri. Rana B. Sangma submitted an online application for Term of Reference vide proposal No. SIA/ML/MIN/81416/2022 for Manggapara (Dapgre) Stone Mine for an area of 1.1 hectares. The proposal is for mining of boulder stone to be used for construction of buildings & making/dressing of roads. The project falls under Schedule 1(a) of category B2 of EIA Notification 2006. The mining lease area is located at Manggapara Dapgre), P.O. Zekabari, West Garo Hills District, Meghalaya and toposheet Survey of India No.78 K/2 within the following GPS Coordinates:

Pillar No	GPS Coordinates	
	Latitude	Longitude
1	25° 37'19.1'' N	90° 00'39.7'' E
2	25° 37'17.8'' N	90° 00'41.5'' E
3	25° 37'22.2'' N	90° 00'48.0'' E
4	25° 37'22.7'' N	90° 00'46.5'' E

The proposed mining area is on lease for periods of 10 years vide Deed of Lease Agreement made on the 18th June 2019 certified by Notary, West Garo Hills, Meghalaya.

The applied area is a Non Forest Land which was confirmed by the Divisional Forest Officer, West & South-West Garo Hills (T) Division, Tura vide letter No.B/16/VII/NOC/MMMCR/3645-47 dated Tura, the 19th November, 2019 and Letter of Intent vide letter No.B/16/VII/417, dated Tura, the 4th February, 2020 respectively.

The project proponent obtained a cluster certificate from the Division Mining Officer, East Garo Hills, Williamnagar vide letter No.DMO-W/MP/15/2019/51 dated Williamnagar, the 5th August 2021 which states that there are five (5) approved mining plan lying within 500 metres from the applied mining lease area. Hence the applied mining area falls under cluster category since the total area six mines is summed up to 5.82 hectares.

The project proponent submitted the Mining Plan with Progressive Mine Closure Plan approved by the Divisional Mining Officer, East Garo Hills District, Williamnagar vide letter No.DMO-W/MP/48/2019/364 dated Williamnagar, the 19th March 2020. The Mining Plan has been prepared to extract stone at the rate of 89906 TPA with a project cost of Rs.94.10 lakhs and the operations will be open cast, mechanized method of mining.

As stated in the mining plan, the anticipated life of the mine is 5.6 years.

Decision:

The State Environment Impact Assessment Authority, Meghalaya, in the meeting held on 30th June, 2023 noted and accepted the recommendation of the SEAC and unanimously resolved to grant Term of Reference to this project.

Accordingly, on recommendation of the SEAC and as per the EIA Notification- 2006 and its subsequent amendments, the SEIAA in the meeting unanimously grant Terms of Reference to this project, with the terms and conditions as stipulated in "Standard TOR Conditions for Non-Coal mining sector" issued vide Ministry' OM No.22-24/2018-IA-III dtd. 08.01.2019 and with the following conditions:

- 1) LOI ought to be renewed as the validity has expired.
- 2) Site photographs together with photographs and other related details of site visits by resource persons of NABET accredited consultant of project proponent, with their names and profession/designation, together with date(s) of visit, date(s) of data collection including names of instrument/machine actually used in the field, during preparation of EIA report, is to be clearly highlighted in the EIA/EMP report.
- 3) Boundary pillars with the height not less than 2.5 feet above the ground level and 1.5 feet below ground and minimum 8 inches on all face of pillar should be erected.
- 4) GPS coordinates of each pillar should be carved/painted clearly on the pillars with Red colour.
- 5) Plagiarism check certificate for EIA/EMP report has to be furnished.
- 6) Source of data taken from external sources is to be mentioned clearly.

TCB

Member Secretary shall prepare the draft Term of Reference for this project and circulate the same to all Members of the Authority for views/comments/corrections, if any, and then after approval of the Chairman, the Member Secretary shall issue the final Term of Reference.

3.2 Proposal No. SIA/ML/MIN/69453/2021 submitted by Shri. Bigen Rupsi (M/s Wahriang Limestone Mine)

Deliberation:

The Project Proponent, Shri. Bigen Rupsi submitted online application for Term of Reference vide proposal No.SIA/ML/MIN/69453/2021 for Wahriang Limestone Mine for mining of Lime stone for an area of 1.33 hectare. The proposal is for mining of lime stone to be used in kilns for manufacturing of lime used as building materials. The project falls under Schedule 1(a) of category B2 of EIA Notification 2006. The mining lease area is located at Wah Rieng, Khliehshnong, Elaka Rymbai, East Jaintia Hills District, Meghalaya and Survey of India toposheet No.83C/8 within the following GPS Coordinates:

Pillar No.	GPS Coordinates	
	Latitude	Longitude
1	25°10'35.9" N	92°20'13.3" E
2	25°10'34.2" N	92°20'13.2" E
3	25°10'33.6" N	92°20'13.6" E
4	25°10'32.1" N	92°20'12.9" E
5	25°10'32.4" N	92°20'11.5" E
6	25°10'33.3" N	92°20'09.5" E
7	25°10'34.5" N	92°20'09.2" E
8	25°10'36.8" N	92°20'11.6" E

The proposed mining area is on lease for a period of 15 years vide Deed of Lease executed on the 18th January 2021 certified by Notary, East Jaintia Hills District, Khliehriat, Government of Meghalaya.

The applied area is a Non Forest Land which was confirmed by the Divisional Forest Officer, Jaintia Hills Territorial Division, Jowai vide letter No.JH/IR/F.C/2021-22/985/B/763, dated Jowai, the 27th August 2021 and Letter of Intent vide letter No.JH/BR/ML/2021-22/LS/B/1053 dated Jowai, the 30th September 2021 respectively.

The project proponent obtained a cluster certificate from the Divisional Mining Officer, Directorate of Mineral Resources, Meghalaya, Jowai vide letter No.DMO-J/52/MM/Mining Plan/2021-22/153 dated Jowai, the 8th November 2021 which states that there is one (1) approved mining plans lying within 500 metres from the applied mining lease area. Hence the applied mining area falls under cluster category since the total area of two mines is summed up to 6.03 hectares.

The project proponent submitted the Mining Plan with Progressive Mine Closure Plan approved by the Divisional Mining Officer, Directorate of Mineral Resources, Meghalaya, Jowai vide letter No.DMO-J/52/MM/Mining Plan/2021-22/149 dated Jowai, the 2nd November 2021. The Mining Plan has been prepared to extract lime stone at the rate of 120375 MTPA with a project cost of ₹20.00 lakhs and the operations will be open cast, semi-mechanized method of mining.

As per the Mining Plan, the mineable reserve of limestone is of the order of 5, 27,000 MT. The production in the period of the mining plan will be around 5, 21,475MT in 5 years. The balance reserves will be (5, 27,000-5, 21,475) =5,525 MT. If the yearly production target is 120375 MT, the balance reserve

will be sufficient for (5525/120375) = 0.04 years. Thus, the total life of the mine is (5+0.04) = 5.04 or say 5 years.

The Project Proponent submitted an undertaking whereby it is mentioned that no blasting shall be carried out in compliance to the amended Government Notification of the MMMCR, 2016 dated 21/09/2020 Amendment Rule 4.1.(b): It is stated that no mining lease and quarry permit shall be granted in respect of any of the lands mentioned within a distance within a distance of 100 m from any village, water source, Bridges, Dams, Reservoirs and from the edge of the State Highways and any other roads when blasting is not involved.

Decision:


The State Environment Impact Assessment Authority, Meghalaya, in the meeting held on 30th June, 2023 noted and accepted the recommendation of the SEAC and also considered the undertaking submitted by the Project Proponent and therefore unanimously resolved to grant Term of Reference to this project.

Accordingly, on recommendation of the SEAC and as per the EIA Notification- 2006 and its subsequent amendments, the SEIAA in the meeting unanimously grant Terms of Reference to this project, with the terms and conditions as stipulated in "Standard TOR Conditions for Non-Coal mining sector" issued vide Ministry' OM No.22-24/2018-IA-III dtd. 08.01.2019 and with the following conditions:

1. LOI ought to be renewed as the validity has expired.
2. Site photographs together with photographs and other related details of site visits by resource persons of NABET accredited consultant of project proponent, with their names and profession/designation, together with date(s) of visit, date(s) of data collection including names of instrument/machine actually used in the field, during preparation of EIA report, is to be clearly highlighted in the EIA/EMP report.
3. A Comprehensive Environment Management Plan and Regional Environment Management Plan is to be furnished in the EIA/EMP.
4. Boundary pillars with the height not less than 2.5 feet above the ground level and 1.5 feet below ground and minimum 8 inches on all face of pillar should be erected.
5. GPS coordinates of each pillars should be carved/painted clearly on the pillars with Red colour.
6. Plagiarism check certificate for EIA/EMP report has to be furnished.
7. Source of data taken from external sources is to be mentioned clearly.

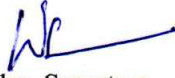
Member Secretary shall prepare the draft Term of Reference for this project and circulate the same to all Members of the Authority for views/comments/corrections, if any, and then after approval of the Chairman, the Member Secretary shall issue the final Term of Reference.

The meeting ended with a vote of thanks from the Chairman.


Chairman
SEIAA
Meghalaya, Shillong.

Copy to:

- 1) Member, SEIAA, Meghalaya, Shillong for information.
- 2) File concern for record.


Member Secretary
SEIAA
Meghalaya, Shillong