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**STATE ENVIRONMENT IMPACT ASSESSMENT AUTHORITY (SEIAA)
:: MEGHALAYA::**

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MINUTES OF THE MEETING OF THE SEIAA, MEGHALAYA,

HELD ON 08th Feb., 2021, AT 1: 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 19th Jan., 2021 and circulated the Minutes of the said meeting. The meeting approved the actions taken and confirmed the proceedings.

Then the following agenda items were discussed in the meeting.

AGENDA 2 : Grant of prior Environmental Clearance (EC) :

2.1: EC Proposal No.SIA/ML/MIN/187803/2020 submitted by Shri Balentine Shylla for Environment Clearance for mining of Limestone for construction purposes with an area of 4.20 hectares, located at Umtyra, Chiehruphi, East Jaintia Hills District, Meghalaya

Deliberation :

As per the Land Holding Certificate No. 184 of 2012 issued by the Executive Member Revenue, Etc. Jaintia Autonomous District Council, Jowai vide letter No.MEMO. No. JHADC/REV/LHC/7/ 79/2012, dated Jowai, the 26th July 2012, the land belongs to PP.

The applied area is a Non Forest Land, as per the letter issued by the Divisional Forest Officer, Jaintia Hills Territorial Division, Jowai, letter No.JH/IR/F.C/RO/2019-20/985/B/1205 dated Jowai, the 3rd November 2020.

As per the Cluster certificate issued by the Divisional Mining Officer, Directorate of Mineral Resources, Meghalaya, Jowai, Government of Meghalaya, vide letter No.DMO-J/43/MM/Mining Plan/2020-2021/128 dated Jowai, the 4th December 2020, there is no approved mining plan located within 500 metres from the periphery of the mining area.

PP indicated that the Aerial distance of the proposed mining site is less than 10km from Narpuh Wildlife Sanctuary and PP has on 22nd April, 2020 applied for a No Objection Certificate from the Divisional Forest Officer, Jaintia Hills Wildlife Division, Jowai.

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The Mining Plan and Progressive Mine Closure Plan was approved by the Divisional Mining Officer, Directorate of Mineral Resources, Meghalaya, Jowai vide letter No. DMO-J/43/MM/Mining Plan/ 2020-21/127, dated Jowai, the 30th November 2020.

As per the Mining plan, lime stone will be extracted at an annual rate of 100575 MT with a project cost of Rs. 22.00 lakhs. The operations will be open cast, semi-mechanized method of mining and the mineable reserves of limestone are of the order of 26,35,600. Tonnes. The production in the period of this mining plan will be around 5,02,875 tonnes in 5 years. Balance reserves would be (26,35,600-5,02,875) or 21,32,725 tonnes. If the production target is 1,00,575 tonnes, the balance reserves will sufficient for 21,35,600/1,00,575 or 21.20 years .

As per the application and the attached documents, duly examined by SEAC the project fall under Schedule 1(a) of category B2 of EIA Notification 2006, and on toposheet Survey of India No.83C/8 with the following GPS Coordinates:

| Pillar No | GPS Coordinates | |
|-----------|------------------|------------------|
| | Latitude | Longitude |
| 1 | 25° 12' 11.270"N | 92° 21' 36.230"E |
| 2 | 25° 12' 10.300"N | 92° 21' 36.170"E |
| 3 | 25° 12' 8.890"N | 92° 21' 36.520"E |
| 4 | 25° 12' 7.760"N | 92° 21' 37.190"E |
| 5 | 25° 12' 6.840"N | 92° 21' 37.570"E |
| 6 | 25° 12' 5.260"N | 92° 21' 36.910"E |
| 7 | 25° 12' 3.430"N | 92° 21' 36.050"E |
| 8 | 25° 12' 3.240"N | 92° 21' 35.330"E |
| 9 | 25° 12' 4.370"N | 92° 21' 34.120"E |
| 10 | 25° 12' 5.500"N | 92° 21' 32.590"E |
| 11 | 25° 12' 6.810"N | 92° 21' 30.490"E |
| 12 | 25° 12' 6.800"N | 92° 21' 29.490"E |
| 13 | 25° 12' 7.010"N | 92° 21' 28.240"E |
| 14 | 25° 12' 8.820"N | 92° 21' 28.290"E |
| 15 | 25° 12' 10.500"N | 92° 21' 28.690"E |
| 16 | 25° 12' 12.410"N | 92° 21' 29.430"E |
| 17 | 25° 12' 12.030"N | 92° 21' 30.010"E |
| 18 | 25° 12' 11.280"N | 92° 21' 30.650"E |
| 19 | 25° 12' 10.580"N | 92° 21' 32.660"E |
| 20 | 25° 12' 10.940"N | 92° 21' 33.910"E |

After due screening and examination of all the documents submitted by the Project Proponent and site cross checking and deliberation by using kml file through Google earth, SEAC vide Agenda 4 in its meeting held on 18th Jan.,2021 unanimously recommended for grant of Environment Clearance to this project.

RECOMMENDATION:

The State Environment Impact Assessment Authority, Meghalaya, in the meeting held on 8th February, 2021 noted the recommendation in the above said SEAC's Minutes relating to this project and accepted the recommendation of the SEAC 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

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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.

Member Secretary to prepare the draft Environment Clearance for this project, 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: EC Proposal No.SIA/ML/MIN/187350/2020 submitted by Smt. Bhabok Wankhar for Environment Clearance for mining of Lime stone for Lime making with an area of 1.12 hectares located at Ka Ri Jerkha, Mawlong, East Khasi Hills District, Meghalaya

The Meeting deliberated and noted as under :

The proposed mining area is on lease for a period of 20 years as per the Lease Agreement executed on the 20th September 2019 at Shillong certified by Notary Public, East Khasi Hills.

The applied area is a Non Forest Land as per the Divisional Forest Officer, East Khasi Hills & Ri Bhoi Territorial Division, Shillong, letter No.KH/8/NOC/Limestone/ 41/Pt.IV/ 2211 dated Shillong, the 19th August 2020.

As per the Cluster certificate issued by the Mining Engineer, Directorate of Mineral Resources, Meghalaya, Shillong, Government of Meghalaya, vide letter No.DMR/ MM/86/08 dated Shillong,, the 19th November 2020, there is only one approved mining plan located within 500 metres where the total area is less than five hectare.

The Mining Plan and Progressive Mine Closure Plan was approved by the Mining Engineer, Directorate of Mineral Resources, Meghalaya vide letter No.DMR/MM/ 86/ 2020/4, dated Shillong, the 6th November 2020.

The Mining plan has been prepared to extract lime stone at an annual rate of 50500 TPA with a project cost of Rs. 23.00 lakhs and the operations will be open cast, semi-mechanized method of mining. The project proponent informed that the mineable reserves of limestone are of the order of 5,34,000. Tonnes (proved and probable mineral reserves) The production in the period of this mining plan will be around 2,52,450 tonnes in 5 years. Balance reserves would be (5,34,000-2,52,450) or 2,81,550 tonnes. If the production target is 50,500 tonnes, the balance reserves will sufficient for 2,81,550 /50,500 or 5.57 years Thus the total life of the mine is 5+5.57= 10.57 or say 11 years.

As per the application and the attached documents, duly examined by SEAC, the project fall under Schedule 1(a) of category B2 of EIA Notification 2006. The falls under toposheet Survey of India No.780/12 within the following GPS Coordinates:

| Pillar No | GPS Coordinates | |
|-----------|-----------------|-----------------|
| | Latitude | Longitude |
| 1 | 25° 12' 5.92"N | 91° 41' 11.60"E |
| 2 | 25° 12' 6.98"N | 91° 41' 8.75"E |
| 3 | 25° 12' 2.58"N | 91° 41' 8.21"E |
| 4 | 25° 12' 1.52"N | 91° 41' 10.97"E |

After due screening and examination of all the documents submitted by the Project Proponent and site cross checking and deliberation by using kml file through Google earth, the Committee vide Agenda 5 in its meeting held on 18th Jan.2021 unanimously recommended for grant of Environment Clearance to this project.

RECOMMENDATION:

The State Environment Impact Assessment Authority, Meghalaya, in the meeting held on 8th February, 2021 noted the recommendation in the above said SEAC's Minutes relating to this project and accepted the recommendation of the SEAC and unanimously resolved to grant Environment Clearance to this project.

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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.

Member Secretary to prepare the draft Environment Clearance for this project, 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 2.3 : (Referred back) = EC Proposal No.SIA/ML/MIN/162877/2020 submitted by M/s Star Cement Meghalaya Limited for mining of Shale for an area of 4.67hectares, located at Brishyrnot village, East Jaintia Hills Meghalaya.

The meeting noted that-

The proposal is for mining of shale use in the cement industry and the area is located at Brishyrnot village, East Jaintia Hills Meghalaya under topo sheet survey of India No. 83C/8.

Though the SEAC after due screening and examination of all the documents submitted by the Project Proponent and site cross checking and deliberation by using kml file through Google earth, the Committee vide Agenda 8 in its meeting held on 18 Jan.2021 unanimously recommended for grant of Environment Clearance to this project but the village in which the proposed site is located /falls partly under Narpuh Eco-sensitive zone.

RECOMMENDATION:

The State Environment Impact Assessment Authority, Meghalaya, in the meeting held on 8th February, 2021 noted the recommendation in the above said SEAC's Minutes relating but as the village in which the proposed site is located falls partly under Narpuh Eco-sensitive zone, East Jaintia Hills, the SEIAA unanimously resolved to Refer Back the proposal to SEAC for further examination / verification and SEAC may kindly asked the PP to obtain a No objection certificate(NOC) from the Divisional Forest Officer, Jaintia Hills Wildlife Divison, Jowai .

Member Secretary to take necessary action.

Agenda 2.4 : Proposal No. SIA/ML/MIN/43115/2019 submitted by Shri. Teilang Pde for Environment Clearance for mining of limestone for an area of 3.3hectares located at Khonjoy, Ranikor, South West Khasi Hills District, Meghalaya.

Deliberation :

The Project Proponent after obtaining of TOR, applied for Environment Clearance vide application above for mining of limestone for an area of 3.3hectares located at Khonjoy, Ranikor, South West Khasi Hills District, Meghalaya.

The proposal is for mining of Limestone under the Meghalaya Minor Mineral Concession Rules 2016 and to be used for export and construction purposes

The applied mining area is non forest land vide Divisional Forest Officer, West and South West Khasi Hills Social Forestry and Territorial Division, Nongstion Letter No.T/W&SW/20/NOC (L)/598 dated Nongstion the 4th December 2018 and the letter of Intent (LOI) vide letter No.T/W&SW/ML/LS/T.PDE/658 dated Nongstion the 13th June 2019.

The mining plan of the applied area approved vide Letter No.DMR/MM/49/2019/735 dated Shillong the 30th July 2019, Government of Meghalaya directorate of Mineral Resources, with a production capacity of 405000 MT per annum. The mining operation will be done as per the approved mining plan with a mining method is open cast with semi-mechanized means with bench wise development.

The project proponent obtained a cluster certificate from the Mining Engineer, Directorate of Mineral Resources, Meghalaya, Shillong vide letter No.DMR/MM/49/2019/972 dt 02nd September 2019, where it

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is mentioned that there are 4 other mining area located within a distant of 500 metres and the proposed area fall under cluster category B2 with a total cluster area is 20.03 hectare.

The project proponent submitted the Environment Management Plan prepared by Geogreen Enviro House Pvt Ltd, as per the Term of Reference granted by the SEIAA vide letter No.ML/SEIAA/SWKH/MIN/40/2019/1005 dt 09th March 2020 and public hearing was conducted by Meghalaya State Pollution Control Board on 21st October 2020.

As per the application and the attached documents, duly examined by SEAC the project falls under Schedule 1(a) of category B2 of EIA Notification 2006 as amended for mining of minor mineral under topo sheet 78O/4 and within the following GPS Coordinates:

| Pillar | GPS Coordinates | |
|--------|-----------------|-------------|
| | Latitude | Longitude |
| A | 25°12'38.3"N | 91°3'40.8"E |
| B | 25°12'43.8"N | 91°3'38.2"E |
| C | 25°12'46.0"N | 91°3'44.2"E |
| D | 25°12'40.7"N | 91°3'47.0"E |

After due screening and examination of all the documents submitted by the Project Proponent and site cross checking and deliberation by using kml file through Google earth, the Committee vide Agenda 4 in its meeting held on 18th Jan., 2021 unanimously recommended for grant of Environment Clearance to this project.

RECOMMENDATION:

The State Environment Impact Assessment Authority, Meghalaya, in the meeting held on 8th February, 2021 noted the recommendation in the above said SEAC's Minutes relating to this project and accepted the recommendation of the SEAC 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.

Member Secretary to prepare the draft Environment Clearance for this project, 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 2.5 : EC Proposal No. SIA/MIN/52741/2020 submitted by Smti. Pirtimai Lyngdoh Synrem for Environment Clearance for mining of Lime stone for an area of 2.499 Hectares, located at Ri Laingut, Tyngwai area, Sohbar Sirdarship, East Khasi Hills, Meghalaya.

Deliberation :

The Project Proponent after obtaining TOR, submitted an online application for Environmental Clearance vide proposal above for Lime stone Mining Project for an area of 2.499 Hectares at RiLaingut, Tyngwai area, Sohbar Sirdarship, East Khasi Hills,

The proposed mining area belongs to the project proponent vide Deed of Declaration made on the 10th September 2015 certified by Sub-Registrar, Sohra.

The applied area is a Non Forest Land which was confirmed by the Divisional Forest Officer, Khasi Hills Territorial Division, Shillong vide letter No.KH/8/NOC/Limestone/41/Pt.III/10,309-B, dated Shillong, the 16th January 2018 and the Letter of Intent vide letter No. KH/8/ML/Limestone/68/4266, dated Shillong,

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the 27th September, 2018 issued by the Divisional Forest Officer, East Khasi Hills & Ri Bhoi Territorial Division, Shillong

The Project proponent submitted a Mining with Progressive Mine Closure Plan approved by Director of Mineral Resources, Meghalaya, Shillong vide letter No.DMR/MM/239/2018/2145 dated, Shillong, the 19th March 2019 and the mining area falls under cluster as per Cluster Certificate issued by the Mining Engineer, Directorate of Mineral Resources, Meghalaya, Shillong vide letter No.DMR/MM/239/2018/1746 dated Shillong, the 22nd January 2020 where it is mentioned that there are four mining plans located within 500 meters from the proposed mining area and the total area of the mines in cluster is 13.464 Ha. The Mining plan has been prepared to extract lime stone at an annual rate of 50,000 MT with a project cost of Rs. 29.87 lakhs and the operations will be open cast, semi-mechanized method of mining.

As per the mining plan, the mine has a proved geological mineable reserves of 22,67,366 MT, but after leaving residual benches, the net total mineable reserves comes to 15,02,892 MT. As the mine is targeted to produce 50,000 MT of limestone per annum and taking 250 as the average working days per annum, the anticipated life of the mine will be 30 years.

The project already awarded Term of Reference by the State Environment Impact Assessment Authority, Meghalaya vide letter No.ML/SEIAA/MIN/EKH/P-20/2020/1298 dated 25th June 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 the Indian Mine Planners & Consultants.

The public hearing was held on 1st December 2020 conducted by the Meghalaya State Pollution Control Board presided by the Addl. District Magistrate, East Khasi Hills District.

As per the application and the attached documents, duly examined by SEAC the project fall under Schedule 1(a) of category B2 of EIA Notification 2006, and on toposheet Survey under topo sheet No. 780/12 and within the following coordinates:

| Pillar | GPS Coordinates | |
|--------|-----------------|---------------|
| | Latitude | Longitude |
| 1 | 25°11'26.82"N | 91°44'49.39"E |
| 2 | 25°11'26.50"N | 91°44'50.55"E |
| 3 | 25°11'26.20"N | 91°44'51.28"E |
| 4 | 25°11'25.95"N | 91°44'52.07"E |
| 5 | 25°11'23.59"N | 91°44'53.49"E |
| 6 | 25°11'21.35"N | 91°44'53.24"E |
| 7 | 25°11'18.56"N | 91°44'52.48"E |
| 8 | 25°11'18.18"N | 91°44'50.05"E |
| 9 | 25°11'19.88"N | 91°44'49.51"E |
| 10 | 25°11'22.25"N | 91°44'49.70"E |
| 11 | 25°11'24.29"N | 91°44'49.13"E |
| 12 | 25°11'26.13"N | 91°44'48.23"E |

After due screening and examination of all the documents submitted by the Project Proponent and site cross checking and deliberation by using kml file through Google earth, the Committee vide Agenda 3 in its meeting held on 29th Jan., 2021 unanimously recommended for grant of Environment Clearance to this project.

RECOMMENDATION:

The State Environment Impact Assessment Authority, Meghalaya, in the meeting held on 8th February, 2021 noted the recommendation in the above said SEAC's Minutes relating to this project and accepted the recommendation of the SEAC 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.

Member Secretary to prepare the draft Environment Clearance for this project, 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 2.6 : EC Proposal No. SIA/MIN/191545/2021 submitted by Shri Kyrmenskhem Nongrem for Environment Clearance for mining of Lime stone for an area of 4.0 Hectares located near village Near Khonjoy, Ranikor, South West Khasi Hills, Meghalaya

Deliberation :

The Project Proponent after obtaining TOR submitted an online application for Environmental Clearance vide proposal No. Proposal No. SIA/MIN/191545/2021 for Lime stone Mining Project for an area of 4.0 Hectares near village Near Khonjoy, Ranikor, South West Khasi Hills The proposed mining area is on lease for a period of 15 years vide Lease Agreement executed on the 21st March 2017 certified by District-Registrar, South West Khasi Hills District Mawkyrwat.

The applied area is a Non Forest Land which was confirmed by the Divisional Forest Officer, West & South West Khasi Hills Territorial Division, Nongstoin vide letter No.T/W&SW/20/NOC(L)/586 and letter of Intent vide letter No.T/W&SW/ML/LS/K.Nongrem/621, dated Nongstoin, the 7th June 2019.

The Project proponent submitted a Mining with Progressive Mine Closure Plan approved by Director of Mineral Resources, Meghalaya, Shillong vide letter No.DMR/MM/209/2018/1707 dated, Shillong, the 9th January 2019 and the mining area falls under cluster as per Cluster Certificate issued by the Mining Engineer, Directorate of Mineral Resources, Meghalaya, Shillong vide letter No.DMR/MM/209/2018/1022 dated Shillong, the 6th September 2019 where it is mentioned that there are four mining plans located within 500 meters from the proposed mining area and the total area of the mines in cluster is 19.8 Ha. The Mining plan has been prepared to extract lime stone at an annual rate of 2,70,000 MT with a project cost of Rs. 22.00 lakhs and the operations will be open cast, semi-mechanized method of mining.

The project proponent informed that the mineable reserves of limestone are of the order of 33,46,700 tonnes. The production in the period of this mining plan will be around 13,02,630 tonnes in 5 years. Balance reserves after the plan period would be 20,44,070 tonnes. If the production target is 2,70,000 tonnes, the balance reserves will sufficient for 2044070/270000 or 7.57 years. Thus the total life of the mine is $5+7.57=12.57$ or say 13 years.

The project already awarded Term of Reference by the State Environment Impact Assessment Authority, Meghalaya vide letter No.MI/SEIAA/SWKH/MIN/42/2019/1007 dated 9th March 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 the GEOGREEN ENVIRO HOUSE PVT. LTD.

The public hearing was held on 21st October 2020 conducted by the Meghalaya State Pollution Control Board presided by the Addl. District Magistrate and S.D.O. (C), Ranikor Civil Sub-Division, South West Khasi Hills.

As per the application and the attached documents, duly examined by SEAC the project fall under Schedule 1(a) of category B2 of EIA Notification 2006, and on toposheet Survey under topo sheet No. 78O/4 and within the following co-ordinates:

| Pillar | GPS Coordinates | |
|--------|-----------------|---------------|
| | Latitude | Longitude |
| 1 | 25°12'50.75"N | 91°03'38.27"E |

| | | |
|---|---------------|---------------|
| 2 | 25°12'54.47"N | 91°03'44.11"E |
| 3 | 25°12'49.16"N | 91°03'48.21"E |
| 4 | 25°12'45.43"N | 91°03'42.36"E |

After due screening and examination of all the documents submitted by the Project Proponent and site cross checking and deliberation by using kml file through Google earth, the Committee vide Agenda 4 in its meeting held on 29th Jan.,2021 unanimously recommended for grant of Environment Clearance to this project.

RECOMMENDATION:

The State Environment Impact Assessment Authority, Meghalaya, in the meeting held on 8th February, 2021 noted the recommendation in the above said SEAC's Minutes relating to this project and accepted the recommendation of the SEAC 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.

Member Secretary to prepare the draft Environment Clearance for this project, 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

Agenda 3.1 : TOR Proposal No.SIA/ML/MIN/58940/2020 submitted by Smt. Pri-lo Buam, for Term of Reference for mining of Lime stone for an area of 4.00 hectares, located at AmkrohAmshlai, Lad Amtapoh, ElakaNongtalang, West Jaintia Hills District, Meghalaya

The Project Proponent, Smt. Pri-lo Buam submitted online application vide proposal No. SIA/ML/MIN/58940/2020 for Term of Reference for mining of Lime stone for an area of 4.00 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 AmkrohAmshlai, Lad Amtapoh, ElakaNongtalang, West Jaintia Hills District, Meghalaya and toposheet Survey of India No.83C/4 within the following GPS Coordinates:

| Pillar No | GPS Coordinates | |
|-----------|-----------------|----------------|
| | Latitude | Longitude |
| 1 | 25° 14'48.800"N | 92° 5'58.000"E |
| 2 | 25° 14'47.010"N | 92° 5'57.000"E |
| 3 | 25° 14'46.300"N | 92° 5'54.000"E |
| 4 | 25° 14'44.200"N | 92° 5'52.400"E |
| 5 | 25° 14'52.600"N | 92° 5'55.300"E |
| 6 | 25° 14'56.790"N | 92° 5'58.150"E |
| 7 | 25° 14'55.453"N | 92° 6'2.925"E |
| 8 | 25° 14'51.731"N | 92° 6'0.093"E |

The proposed land is on lease for a period of 20 years which was executed on the 9th July 2018 authenticated by Advocated by 1st Class Magistrate, East Jaintia Hills District, Khliehriat.

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/S.Quarry/2009-10/476/B/2662, dated Jowai, the 29th March 2019 and letter of Intent vide letter No.JH/MMMCR-2016/2016-17/869/B/1437 dated Jowai, the 17th May 2019 respectively.

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The project proponent obtained a cluster certificate from the Divisional Mining Officer, Directorate of Mineral Resources, Government of Meghalaya, vide letter No.DMO-J/27/MM/Mining Plan/2019-2020/124 dated Jowai, the 8th October 2020 which states that there are two (2) 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 of total nine mines is summed up to 13.4 hectares. The project proponent submitted the Mining Plan with Progressive Mine Closure Plan approved by the Divisional Mining Officer, Directorate of Mineral Resources, Government of Meghalaya vide letter No.DMO-J/27/MM/Mining Plan/2019/43 dated Jowai, the 28th November 2019. The Mining Plan has been prepared to extract lime stone at the rate of 2,00,070 TPA with a project cost of Rs.23.55 lakhs and the operations will be open cast, semi-mechanized method of mining.

The mineable reserves of limestone are of the order of 32,52,920 tonnes. The production in the period of the mining plan will be around 9,00,950 tonnes in 5 years. Therefore, the balance reserves will be (32,52,920 - 9,00,950) or 23,51,970 tonnes. If the production target is 2,00,070 tonnes, the balance reserve will be sufficient for (23,51,970 / 2,00,070) or 11.75 years. Thus, the total life of the mine is 5+11.75=16.75 or say 17 years.

After due screening and examination of all the documents submitted by the Project Proponent and site cross checking and deliberation by using kml file through Google earth, the Committee vide Agenda 10 in its meeting held on 18 Jan.2021 unanimously recommended for grant of Environment Clearance to this project.

RECOMMENDATION:

The State Environment Impact Assessment Authority, Meghalaya, in its meeting held on 8th Feb., 2021 noted the recommendation in the above said SEAC's Minutes relating to this project and accepted the recommendation of the SEAC. Then the SEIAA in the said meeting, unanimously resolved to grant Environment Clearance to this project.

Hence on recommendation of the SEAC as stated above and as per the EIA Notification- 2006 and its subsequent amendments, the SEIAA in the meeting unanimously grant Term of Reference (TOR) in standard format to this project.

Member Secretary to prepare the draft TOR for this project, circulates the same to the Members. After views/comments/corrections, if any, was received from the Members, the Member Secretary shall issue the final TOR

Agenda 3.2 : TOR Proposal No.SIA/ML/MIN/59052/2020 submitted by Shri Chui Pohlynjar, for Term of Reference for mining of Lime stone for an area of 4.3 hectares located at Thanghunai, ElakaNongtalang, West Jaintia Hills District, Meghalaya

The Project Proponent, Shri Chui Pohlynjar submitted online application vide proposal above for Term of Reference for Nongtalang Limestone Mine for mining of Lime stone for an area of 4.3 hectares. The proposal is for mining of lime stone to be used for construction activities and export to Bangladesh. The project falls under Schedule 1(a) of category B2 of EIA Notification 2006. The mining lease area is located at Thanghunai, ElakaNongtalang, West Jaintia Hills District, Meghalaya and toposheet Survey of India No.83C/4 within the following GPS Coordinates:

| Pillar No | GPS Coordinates | |
|-----------|-----------------|----------------|
| | Latitude | Longitude |
| 1 | 25° 13'11.616"N | 92° 4'29.105"E |
| 2 | 25° 13'27.249"N | 92° 4'28.737"E |
| 3 | 25° 13'27.157"N | 92° 4'25.468"E |
| 4 | 25° 13'11.536"N | 92° 4'25.904"E |

The proposed land is on lease for a period of 20 years which was executed on the 1st May 2018 registered at the Sub-Registrar, Amlarem Civil Sub-Division, Amlarem.

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/S.Quarry/2009-10/476/B/1983, dated Jowai, the 30th November, 2018 and letter of Intent vide letter No.JH/MMMCR-2016/2016-17/869/B/2419 dated Jowai, the 18th February, 2019 respectively.

The project proponent obtained a cluster certificate from the Divisional Mining Officer, Directorate of Mineral Resources, Government of Meghalaya, vide letter No.DMO-J/5/MM/Mining Plan/2019/27 dated Jowai, the 21st August, 2019 which states that there are four (4) 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 of total nine mines is summed up to 17.05 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/5/MM/Mining Plan/2019/8 dated Jowai, the 9th May 2019. The Mining Plan has been prepared to extract lime stone at the rate of 150000 TPA with a project cost of Rs.35.00 lakhs and the operations will be open cast, semi-mechanized method of mining.

As stated in the Pre-feasibility Report, the total mineable reserves is 1300000 tonnes and the proposed production of mine is 150000 TPA and life of mine is nine (9) years.

After due screening and examination of all the documents submitted by the Project Proponent and site cross checking and deliberation by using kml file through Google earth, the Committee vide Agenda 11 in its meeting held on 18 Jan.2021 unanimously recommended for grant of Environment Clearance to this project.

RECOMMENDATION:

The State Environment Impact Assessment Authority, Meghalaya, in its meeting held on 8th Feb., 2021 noted the recommendation in the above said SEAC's Minutes relating to this project and accepted the recommendation of the SEAC. Then the SEIAA in the said meeting, unanimously resolved to grant Environment Clearance to this project.

Hence on recommendation of the SEAC as stated above and as per the EIA Notification- 2006 and its subsequent amendments, the SEIAA in the meeting unanimously grant Term of Reference (TOR) in standard format to this project.

Member Secretary to prepare the draft TOR for this project, circulates the same to the Members. After views/comments/corrections, if any, was received from the Members, the Member Secretary shall issue the final TOR

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


Chairman
SEIAA

Meghalaya, Shillong.
Dated Shillong the 18th Feb., 2021

**Memo. No. ML/SEIAA/Meeting/ Vol.III/35/2020/30 -A/
Copy to :**

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


Member Secretary SEIAA Meghalaya, Shillong