



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

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MINUTES OF THE MEETING OF THE SEIAA, MEGHALAYA,

HELD ON 05th April, 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 informed about why the SEIAA Meeting was re-scheduled to 5th April, 2021 instead of 30th March, 2021 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 10th March, 2021 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. E.C Proposal No. SIA/MIN/42999/2019- EIA/EMP for Ri Kaleng Limestone Mine for an area of 2.05. located at Ri Kaleng, Lynti Dkhar area, Sohbar Sirdarship, East Khasi Hills District submitted by Shri Arbis Tangdhara.

Deliberation :

The Project Proponent submitted an online application above for grant of Environmental Clearance for ' Ri Kaleng Limestone Mine' for mining of limestone for an area of 2.05 Hectares, located at Ri Kaleng, Lynti Dkhar, Sohbar Sirdarship, East Khasi Hills

As per the Deed of Lease executed on the 25th March 2019 certified by Sub-Registrar, Sohra the proposed mining area is leased for a periods of 30 years.

As per the letter issued by the Divisional Forest Officer, East Khasi Hills & Ri Bhoi Territorial Division, Shillong vide No.KH/8/NOC/ Limestone/41/Pt.IV/550 dated Shillong, the 2nd May 2019 the applied area is a Non Forest Land.

The mining area falls under cluster, vide Cluster Certificate issued by the Mining Engineer, Directorate of Mineral Resources, Meghalaya, Shillong vide letter No.DMR/MM/44/2019/974 dated Shillong, the 2nd September 2019, having six mining plans located within 500 meters from the

proposed mining area and the total area of the mines in cluster is 18.5815Ha, hence the project applied for Term of Reference (TOR) which was already granted by the State Environment Impact Assessment Authority, Meghalaya vide letter No.ML/SEIAA/MIN/EKH/41/2019/1006 dated 9th March 2020 and PP has submitted the final EIA/EMP for the proposed Mining of Lime stone prepared by Geo Green Enviro House PVT LTD.(NABET approved Consultant, Certificate No.NABET/EIA/1720/IA0023)

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

The Mining Plan with Progressive Mine Closure Plan was approved by the Mining Engineer, Directorate of Mineral Resources, Meghalaya, Shillong vide letter No.DMR/MM/44/2019/405 dated, Shillong, the 6th June 2019.

The Mining plan has been prepared to extract lime stone at an annual rate of 201150 MT with a project cost of Rs. 22.00 lakhs and the operations will be open cast, semi-mechanized method of mining and the mineable reserves of limestone is of the order of 18,66,000 tonnes. The production in the period of this mining plan will be around 10,05,750 tonnes in five years and the balance reserves will be 860,250 tonnes (18,66,000-10,05,750). As the production target is 201150 tonnes, therefore the balance reserves will sufficient for $(860,250/201150)$ 4.27 years. Thus the total life of the mine is $5+4.27 = 9.29$ or say 10 years

A Power Point Presentation on summary of the project was given at the time of meeting of the SEAC on 8th March,2021 on behalf and in presence of the project proponent by the Consultant, M/S Geo Green Enviro House PVT LTD, and followed by detailed interaction with SEAC members.

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.780/16 with the following GPS Coordinates:

	Latitude	Longitude
1	25°11' 11.41"N	91°45' 6.90"E
2	25°11' 9.00"N	91°45' 8.04"E
3	25°11' 7.18"N	91°45' 5.74"E
4	25°11' 7.36"N	91°45' 2.46"E
5	25°11' 10.07"N	91°45' 1.78"E
6	25°11' 12.92"N	91°45' 4.43"E

After due screening and examination of all the documents and the Environment Management Plan submitted by the Project Proponent and site cross checking and deliberation by using Kml file

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through Google earth, the Committee as per Agenda 3 in its meeting held on. 8th March, 2021 unanimously recommend for grant of Environment Clearance to this project.

RECOMMENDATION:

The State Environment Impact Assessment Authority, Meghalaya, in the meeting held on 5th April, 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.

2.2. EC Proposal No. SIA/ML/MIN/58194/2019- for Drostarland Lyngdoh Boulder stone Mine for an area of 3.11 Ha. located at Kilmangittim. West Garo Hills District submitted by Shri Drostarland Lyngdoh.

Deliberation:

The Project Proponent, submitted an online application above for grant of Environmental Clearance for Boulder stone Mining Project for an area of 3.11 Hectares at Kilmangiting, West Garo Hills.

As per thje Lease Agreement executed on the 29th January 2021 certified by Notary, West Garo Hills, Tura., the proposed mining area is on lease for a period of 10 years

As per the Divisional Forest Officer, West & South West Garo Hills Territorial Division, Tura, letter No. B/16/VII/NOC/MMMCR/2514-16 dated Tura, the 10th July 2019, the applied area is a Non Forest Land.

As per the Cluster Certificate issued by the Divisional Mining Engineer, East Garo Hills, Williamnagar vide letter No.DMO-W/MP/15/2019/86 dated Williamnagar, the 26th August 2019 the proposed site falls under cluster having four approved mining plans located within 500 m. from the periphery of the proposed mining area whereas the total area of the mines is 10.977 Ha. Hence the PP applied for TOR and the same was granted by the State Environment Impact Assessment Authority, Meghalaya vide letter No.ML/SEIAA/WGH/39/2019/1004 dated 9th March 2020.

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The Mining Plan along-with Progressive Mine Closure Plan was approved by Divisional Mining Officer, East Garo Hills, Williamnagar vide letter No.DMO-W/MP/25/2019/74 dated, Williamnagar, the 2nd August 2019.

The Mining plan has been prepared to extract boulder stone at an annual rate of 3,02,010 MT/annum with a project cost of Rs. 24.50 lakhs and the operations will be open cast, semi-mechanized method of mining.

The project proponent informed that the mineable reserves of boulder stone are of the order of 16,10,000. Tonnes. The production in the period of this mining plan will be around 14,60,440 tonnes in 5 years. Balance reserves would be (16,10,000-14,60,440) or 1,49,560 tonnes. If the production target is 3,02,010 tonnes, the balance reserves will sufficient for 1,49,560 /3,02,010 or 0.49 years Thus the total life of the mine is 5+0.49= 5.49 or say 6 years.

The public hearing was held on 29th September 2020 conducted by the Meghalaya State Pollution Control Board presided by Block Development Officer, Selsela and executive Magistrate, West Garo Hills District and PP applied for EC online along-with the final EIA/EMP prepared by Enviro Infra Solutions PVT. LTD. (NABET accredited Consultancy Sl.52 as on July, 2020 : Certificate No.NABET/EIA/1922/RA0157)

A Power Point Presentation on summary of the project was given at the time of meeting of the SEAC on .8th March, 2021 on behalf and in presence of the Project proponent by the Consultant, Enviro Infra Solutions PVT. LTD and followed by detailed interaction with SEAC members.

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.78K/2 with the following GPS Coordinates:

Pillar	GPS Coordinates	
	Latitude	Longitude
1	25°37'57.3"N	90°00'45.7"E
2	25°37'51.5"N	90°00'51.9"E
3	25°37'53.1"N	90°00'53.9"E
4	25°37'56.6"N	90°00'54.8"E
5	25°37'58.3"N	90°00'51.0"E
6	25°37'58.0"N	90°00'49.2"E
7	25°37'59.3"N	90°00'48.2"E

After due screening and examination of all the documents and the Environment Management Plan submitted by the Project Proponent and site cross checking and deliberation by using Kml file

through Google earth, the Committee as per Agenda 4 in its meeting held on 8th March, 2021 unanimously recommend for grant of Environment Clearance to this project.

RECOMMENDATION:

The State Environment Impact Assessment Authority, Meghalaya, in the meeting held on 5th April, 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.

2.3. EC Proposal No. SIA/ML/MIN/162877/2020 for Mining of Shale for an area of 4.67 Ha. located at Brishyrnot village East Jaintia Hills District submitted by M/s Star Cement Meghalaya Ltd.

Deliberation :

M/S Star Cement Meghalaya Limited, submitted online application vide Proposal above for grant of Environmental Clearance for mining of Shale for an area of 4.67 hectares located at Brichyrnot village, East Jaintia Hills, Meghalaya and the mineral to be mined will be used in the Cement Industry. The State Govt., vide letter No.MG.49/2011/Pt.III/47 dated 24/11/2020 clarified that the project falls under Category 'B'.

As per the Deed of Conveyance made on 9th August 2010 registered at Khiehriat at Sub-Registrar, of the then Khliehriat Civil Sub-Division, the proposed mining area belongs to the Project Proponent.

As per the Divisional Forest Officer, Jaintia Hills Territorial Division, Jowai, vide letter No.JH/S.QUARRY/2009-10/476/B/538, dated Jowai, the 30th May 2018, the applied area is a Non Forest Land.

The project proponent also obtained a No Objection Certificate from the Office of the Jaintia Hills Autonomous District Council, Jowai, , No. JHADC/FOR/2/2003 dated Jowai, the 7th February 2017.

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As the site is within 10km from the periphery of the Narpuh Wildlife sanctuary, PP has applied for a no objection certificate from the Divisional Forest Officer, Jaintia Hills Wildlife Division and copy of the application was uploaded.

The project proponent submitted approved Mining Plan and Progressive Mine Closure Plan from the Divisional Mining Officer vide letter No.DMO-J-32/MM/Mining Plan/2019-20/78 dated Jowai, the 27th February 2020, The Mining plan has been prepared to extract shale at an annual rate of 484820 Tons with a project cost of Rs. 48.005 lakhs and the operations will be open cast, semi-mechanized method of mining.

The project proponent informed that the mineable reserves are of the order of 42,49,560 tons. The production in the period of the mining plan will be around 14,31,190 tons in 5 years. Balance reserves would be 28,18,370 tons. If the production target is 4,84,820 tons, the balance reserves will be sufficient for 10.81 or say 11 years.

The project proponent obtained a Cluster Certificate from the Divisional Mining Officer, Directorate of Mineral Resources, Meghalaya, Jowai vide letter No.DMO-J-32/MM/Mining Plan/2019-20/104 dated Jowai, the 15th May 2020, where it was mentioned that there is no approved mining plan located within 500 metres from the periphery of the mining area.

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 in toposheet Survey of India No.83C/8 with the following GPS Coordinates:

Pillar No	GPS Coordinates	
	Latitude	Longitude
1	25° 09' 50.9"N	92° 24' 35.0"E
2	25° 09' 52.0"N	92° 24' 35.2"E
3	25° 09' 51.8"N	92° 24' 33.6"E
4	25° 09' 55.6"N	92° 24' 33.7"E
5	25° 09' 55.6"N	92° 24' 32.2"E
6	25° 09' 57.1"N	92° 24' 31.8"E
7	25° 09' 58.9"N	92° 24' 31.6"E
8	25° 10' 00.5"N	92° 24' 31.6"E
9	25° 10' 00.3"N	92° 24' 33.0"E
10	25° 10' 00.6"N	92° 24' 34.0"E
11	25° 10' 00.2"N	92° 24' 35.4"E
12	25° 10' 00.6"N	92° 24' 35.8"E
13	25° 09' 59.9"N	92° 24' 38.0"E
14	25° 09' 57.8"N	92° 24' 36.2"E
15	25° 09' 56.2"N	92° 24' 35.6"E
16	25° 09' 55.4"N	92° 24' 36.6"E

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17	25° 09' 56.2"N	92° 24' 37.1"E
18	25° 09' 55.1"N	92° 24' 39.6"E
19	25° 09' 53.7"N	92° 24' 40.5"E
20	25° 09' 52.6"N	92° 24' 40.2"E
21	25° 09' 51.8"N	92° 24' 40.2"E
22	25° 09' 50.0"N	92° 24' 39.3"E

With reference to Ministry of Environment Forest and Climate Change, OM No.F.NO.22-65/2017-IA.III dated 1st May 2018 and OM No. F.No. 22-65/2017-IA-III dated 19th June 2018 relating to implementation of Corporate Environment Responsibility (CER), the Project Proponent submitted that the project cost is Rs 48,00,550.00 (Rupees Forty Eight Lakhs five hundred fifty), therefore, the SEAC has worked out the CER @ 2 % of the project cost which amounts to Rs. 96011.00.(Rupees Ninety Six Thousand eleven)

After due re-screening and re-examination of all the documents and the Environment Management Plan submitted by the Project Proponent and site cross re-checking and deliberation by using Kml file through Google earth, the Committee as per Agenda 5 in its meeting held on 8th March, 2021 unanimously recommend for grant of Environment Clearance to this project.

RECOMMENDATION:

The State Environment Impact Assessment Authority, Meghalaya, in the meeting held on 5th April, 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.

2.4 : EC Proposal No. SIA/ML/MIN/195956/2021 submitted by Shri Gripson M. Sangma for mining of Boulder Stone for an area of 0.49 hectares located at Badri Rongdong, South Garo Hills District.

Deliberation :

The Project Proponent submitted online application vide proposal above for grant of EC mining of boulder stone for an area of 0.49 hectares located at Badri Rongdong, South Garo Hills

The proposed mining area leased for 29 years and the Lease was executed on 30th May 2017 certified by Advocate, Tura.

The applied area is a Non Forest Land, vide Divisional Forest Officer, West, South & South-West Garo Hills Territorial Division, Tura letter No.B/16/VII/NOC/MMMCR/3172-74, dated Tura, the 8th August, 2018.

As per the Cluster certificate issued by the Divisional Mining Officer, East Garo Hills, Williamnagar, vide- No.DMO-W/MP/15/2019/64 dated Williamnagar, the 25th July 2019 there was no approved mining plan located within 500 metres. PP has also applied for a no objection certificate from the Divisional Forest Officer, Baghmara Wildlife Division, Baghmara on 14/10/2019 and copy of the application was submitted.

The Mining plan was approved by the Director of Mineral Resources, Meghalaya, vide letter no. DMR/MM/224/2018/2175 dated Shillong the 20th March 2019. The Mining Plan has been prepared to extract boulder stone at 28630 TPA with a project cost of Rs.17.4 lakhs and the operations will be open cast, semi-mechanized method of mining. As per mining plan, the mineable reserve of stone are of the order 1,47,000 tonnes. The production in the period of the mining plan will be around 1,35,280 tonnes in 5 years. Balance reserves: 147000-135280 or 11720 tonnes. If the production target is 28630 tonnes, the balance reserves will sufficient for 11720/28630 or 0.41 years. Thus the total life of the mine is $5+0.41= 5.41$ or say 6 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.78K/8 with the following GPS Coordinates:

Pillar No	GPS Coordinates	
	Latitude	Longitude
1	25°23'28.40"N	90°40'31.23" E
2	25°23'27.36"N	90°40'29.07" E
3	25°23'26.40"N	90°40'28.86" E
4	25°23'25.64"N	90°40'29.49" E
5	25°23'26.44"N	90°40'31.03" E
6	25°23'27.68"N	90°40'32.80" E
7	25°23'28.20"N	90°40'31.96" E

After due screening and examination of all the documents and the Environment Management Plan submitted by the Project Proponent and site cross checking and deliberation by using Kml file

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through Google earth, the Committee as per Agenda 6 in its meeting held on 8th March, 2021 unanimously recommend for grant of Environment Clearance to this project.

RECOMMENDATION:

The State Environment Impact Assessment Authority, Meghalaya, in the meeting held on 5th April, 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 : GRANT OF TERM OF REFERENCE (TOR)

3.1 : TOR Proposal No.SIA/ML/MIN/60219/2021- for Krem Shrieh Limestone Mine for an area of 2.681 Ha. located at Krem Shrieh, Wahiajer, East Jaintia Hills District submitted by Shri Iaidlang Bamon.

Deliberation :

The Project Proponent, Shri Iaidlang Bamon submitted online application above for grant Term of Reference for Krem Shrieh Limestone Mine for mining of Lime stone for an area of 2.681 hectares. As per the Application, lime stone will be used for construction purposes.

The proposed land belongs to the project proponent as per the Land Holding Certificate No. 5 of 2007, elaka Narpuh issued by the Revenue Officer, Jaintia Hills Autonomous District Council, Jowai vide letter Memo. No. JHADC/REV/LHC/7/28/2006 dated Jowai, the 26th March 2007.

The applied area is a Non Forest Land, as per the Divisional Forest Officer, Jaintia Hills Territorial Division, Jowai vide letter No.JH/S.Quarry/2009-10/476/B/922, dated Jowai, the 28th September, 2017.

As per the Cluster certificate issued by the Divisional Mining Officer, Directorate of Mineral Resources, Meghalaya, Jowai vide letter No.DMO-J/42/MM/Mining Plan/2020-2021/129 dated

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Jowai, the 9th December 2020 which states that there was only one 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 these two mines is summed up to 6.781 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/42/MM/Mining Plan/2020-21/126 dated Jowai, the 25th November 2020. The Mining Plan has been prepared to extract lime stone at the rate of 2,00,475 TPA with a project cost of Rs.20.00 lakhs and the operations will be open cast, semi-mechanized method of mining.

The project falls under Schedule 1(a) of category B2 of EIA Notification 2006 and in toposheet Survey of India No.83C/8 within the following GPS Coordinates:

Pillar No	GPS Coordinates	
	Latitude	Longitude
1	25° 11'33.03"N	92° 23'23.04"E
2	25° 11'32.60"N	92° 23'24.20"E
3	25° 11'31.58"N	92° 23'24.02"E
4	25° 11'30.77"N	92° 23'23.75"E
5	25° 11'29.90"N	92° 23'23.01"E
6	25° 11'28.60"N	92° 23'24.50"E
7	25° 11'28.05"N	92° 23'23.52"E
8	25° 11'24.90"N	92° 23'22.86"E
9	25° 11'25.00"N	92° 23'19.40"E
10	25° 11'25.40"N	92° 23'17.30"E
11	25° 11'26.55"N	92° 23'16.22"E
12	25° 11'28.10"N	92° 23'18.40"E
13	25° 11'29.60"N	92° 23'20.58"E
14	25° 11'30.60"N	92° 23'22.10"E
15	25° 11'31.16"N	92° 23'22.25"E
16	25° 11'33.08"N	92° 23'22.50"E

After due screening and examination of all the documents submitted by the Project Proponent, site cross checking by using kml file through Google earth and detailed deliberation, the SEAC as per Agenda 7 of the proceeding of the SEAC's meeting held on 8th March, 2021 unanimously recommended for grant of Standard Term of Reference to this project.

RECOMMENDATION:

The State Environment Impact Assessment Authority, Meghalaya, in its meeting held on 5th April, 2021 noted the recommendation in the above said SEAC's Minutes relating to this project and accepted

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the recommendation of the SEAC. Then the SEIAA in the said meeting, unanimously resolved to grant Term of Reference (TOR) 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 all Members of the Authority for views/comments/corrections, if any, Member Secretary shall issue the final TOR

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


Chairman
SEIAA
Meghalaya, Shillong.

Memo. No. ML/SEIAA/Meeting/ Vol.III/35/2020/35-A/

Dated Shillong the Mar. 2021

Copy to :

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

**Member Secretary
SEIAA
Meghalaya, Shillong**