

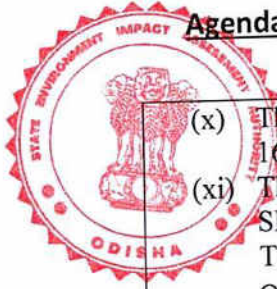


Agenda Note of 102nd Meeting of SEIAA, Odisha Held On 06.12.2022 and 07.12.2022

AGENDA No.102.39	
Proposal No.	SIA/OR/MIN/83076/2021
Date of application	20.10.2022
File No.	83076/774-MINB1/11-2022
Project Type	Fresh EC
Category	B2(Individual Lease area), B1(Cluster Lease area)
Project/Activity including Schedule No.	1(a) Mining of minerals
Name of the Project	Proposal for grant of EC of Proposal for grant of fresh EC of Balanda stone Quarry- 3 over an area of 4.046 ha under cluster approach Balanda Stone Quarry 1 2 3 5 6 7 8 9 10 having total cluster area 37.915 ha located in village Balanda Tahsil Latikhata District Sundargarh Odisha.
Name of the company/Organization	Sri. Shankarlal Agarwal
Location of Project	Odisha
Name of the NABET Consultancy	M/s Atmos Sustainable Solutions Pvt Ltd, UP

Proposal in brief: The highlights of the proposal as ascertained from the application and as revealed from proceedings/discussion held during the meeting of SEAC/SEIAA, are given as under.

- (i) This is a proposal for mining of Stone from Balanda Stone Quarry Cluster consisting of 13 Nos. of Quarries in cluster from Quarry No.1 to 13. The total area under cluster is 37.915Ha and the status of mines are as follows.
 Status of Quarries- Quarry No-1,8,9-are in operation
 Quarry No-11-Sub-Judice
 Quarry No-4,5,6,12,13-Extincted
 Quarry No-2,3,7,10- Applied for EC
- (ii) The present proposal is for EC of Balanda Stone Quarry- 3 over an area of 10.00 Acres or 4.046 ha submitted under cluster approach bearing khata no-504,plot no-1893/p is located in Village-Balanda,tahasil-Lathikata, District-Sundargarh of Sri. Shankarlal Agarwal (Successful Bidder,Lessee).
- (iii) The mining area is a part of Survey of India Toposheet No. F45G12 & F45G16 bounded by Latitude: 22°11'26.71''N to 22°11'31.97"N and longitudes of 84°45'12.70"E to 84°45'23.53"E.
- (iv) The mining lease is an identified sairat source in the DSR. The Balanda Stone Quarry- 3 sairat source will be leased out under the OMMC Rules, 2016 by Tahasildar, Lathikatha to the successful bidder (lessee) on the basis of public auction for a lease period of 5 years. The lease period of 5 years shall take effect from the date of registration of duly executed lease deed in this regard by the Tahasildar.
- (v) The cluster certificate has been furnished by the Tahasildar certifying that there are 13Nos. of mines located within 500 meters and forms a single cluster of 37.915Ha . Again, there are no other mines from the periphery of the proposed mine lease area cluster. As reported by the Tahasildar, this sairat source is a part of a cluster.
- (vi) The Terms of Reference (TOR) was granted by SEIAA vide letter no 3491/SEIAA dated 18.11.2021 for Balanda Stone Quarry Cluster for undertaking detailed EIA studies.
- (vii) The baseline data has been collected from March'2021 to May'2021 (summer season) for the cluster project.
- (viii) The public hearing was conducted on 04.05.2022 at 11.00A.M in at Gotidhara field of Balanda G.P under Lathikata Tehsil of District Sundargarh, Odisha. The major issues raised during public hearing were on dust pollution, local employment, controlled blasting to avoid cracks in houses, plantation, peripheral development (education, health & drinking water supply, etc), etc.
- (ix) The project proponent along with the consultant M/s Atmos Sustainable Solutions Pvt. Ltd., Noida (U.P) made a detailed presentation on the cluster proposal on 16.08.2022.



- (x) The project proponent has submitted Additional documents/information to SEAC on the project on 16.09.2022.
- (xi) The SEAC have appraised the proposal for approval of EIA/EMP in its meeting dated 02.11.2022 and the SEAC approved the EIA/EMP report in cluster approach and have recommended the following. The SEIAA, Odisha may consider to grant Environmental Clearance to individual lease for Balanda Stone Quarry (1, 2, 3, 5, 6, 7, 8, 9 & 10) in cluster without referring to SEAC with specific conditions as per Annexure-C after receipt of individual applications from the lessee in cluster along with following documents.
- Filled in form-I of individual lease
 - Prefeasibility report of individual lease
 - EMP of individual lease.
 - Approved Mining Plan of individual lease
 - DLC status of the lease area from concerned DFO as certified by the concerned Tahasildar.
 - An Undertaking by the lessee not to use wagon drilling blasting to be submitted. Accordingly, specific condition to be stipulated in EC of individual lease.
 - No storage and usage of blasting materials/explosives inside the lease area without license/permission/authorization from competent Authority as per Indian Explosives Rules, 1983 shall be ensured by the lessee. An undertaking to this effect shall be submitted by the lessee. Accordingly, specific condition to be stipulated in EC of individual lease.
 - An undertaking to obtain NOC from CGWA and permission from WR department, Govt. Of Odisha for use of ground water. Accordingly, specific condition to be stipulated in EC of individual lease.
 - The project proponent shall maintain periodic health check-up records of their employees and ensure use of face mask by workers in crushing and handling sections of the stone quarry for ensuring that working personnel are not affected by silicosis.
- (xii) The project proponent has already submitted the individual Form-1, PFR, EMP, Approved mining plan, DLC certificate from Tahasildar, checklist along with the cluster EIA/EMP report, etc.
- (xiii) Whether submitted KML file of the lease area-Yes
- (xiv) Whether submitted scrutiny fee- yes
- (xv) Distance from nearest sanctuary/ESZ- Palkot WLS-63.0 Km
- (xvi) Whether the lease area coming in DLC report-No, It has been clarified by Tahasildar on 24.06.2021.
- (xvii) Method of mining-Semi-mechanized with blasting
- (xviii) Distance from nearest road bridge-1.2 km, village road 0.70 km
- (xix) Competent Authority & Date of approval of Modified mining plan- Mining Officer, Rourkela Circle, Rourkela on 22.07.2020.
- (xx) Production capacity per annum-97097 cum/annum (max.), 1st year-95855.4cum, 2nd year-95973.7cum, total production in 5 years period-481228.6 cum, Geological reserve-1196087.6 cum and Mineable reserve- 484231.8 cum.
- (xxi) Water Requirement: – The total water requirement will be 7.3 KLD for different purposes like Domestic, Dust suppression, plantation purposes. Source: Nearby village with the help of tankers.
- (xxii) Power Requirement: - No use of electric power as the operation will be done in the day time. DG set will be used as source of power.
- (xxiii) Employment Potential - A total of 49 nos. of workers are to be employed during mining operation.
- (xxiv) Green Belt Development: Greenbelt plantation will be done by planting 1600 nos. saplings of suitable species by the lessee as per submission in EIA/EMP report.
- (xxv) The project cost is estimated to be Rs. 55 lakhs and there is a budgetary provision of Rs.11.4 lakhs as capital cost and Rs.6.00 Lakhs as recurring cost towards environmental protection measures. The PP has estimated a budget of Rs.1.1 lakhs on CSR, Rs 2.80Lakhs as capital cost & 1.20lakhs/annum as recurring cost towards water, shelter and sanitation for mine worker & Rs.4.20Lakhs towards occupational health.
- (xxvi) Whether the DSR has been prepared as per the MoEF& CC, Govt. of India Notification S.O. 3611(E) dated 25.07.2018, Sustainable sand mining guidelines-2016 and Enforcement & Monitoring Guideline for sand mining-2020- No



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(xxvii) Any deficiencies/omission have been noticed in the above documents-EC compliance of operating mines not submitted by Tahasildar, EMP cost, plantation data may be reviewed.

Whether SEAC recommended the proposal – The proposal was placed in the SEAC meeting held on 02.11.2021 and the SEAC approved the EIA/EMP report in cluster approach and recommended the following:

- b) The SEIAA, Odisha may consider to grant Environmental Clearance to individual lease for Balanda Stone quarry (1, 2, 3, 5, 6, 7, 8, 9 & 10) in cluster without referring to SEAC with specific conditions as per **Annexure**, after receipt of individual applications from the lessee in cluster along with following documents.
- ix) Filled in form-I of individual lease
 - x) Prefeasibility report of individual lease
 - xi) EMP of individual lease.
 - xii) Approved Mining Plan of individual lease
 - xiii) DLC status of the lease area from concerned DFO as certified by the concerned Tahasildar.
 - xiv) An Undertaking by the lessee not to use wagon drilling blasting to be submitted. Accordingly, specific condition to be stipulated in EC of individual lease.
 - xv) No storage and usage of blasting materials/explosives inside the lease area without license/permission/authorization from competent Authority as per Indian Explosives Rules, 1983 shall be ensured by the lessee. An undertaking to this effect shall be submitted by the lessee. Accordingly, specific condition to be stipulated in EC of individual lease.
 - xvi) An undertaking to obtain NOC from CGWA and permission from WR department, Govt. Of Odisha for use of ground water. Accordingly, specific condition to be stipulated in EC of individual lease.
 - xvii) The project proponent shall maintain periodic health check-up records of their employees and ensure use of face mask by workers in crushing and handling sections of the stone quarry for ensuring that working personnel are not affected by silicosis.

Decision of Authority:

After detailed deliberations, the Authority decided **to grant Environmental Clearance** to the project with usual stipulated conditions applicable for stone quarry.

- Maximum depth of mining 6.0 meter and maximum quantity of stone extraction shall be 95855.4 cum in 1st year and 95973.7 cum in the 2nd year. Grant of EC for further period will be considered after submission of DSR.
- The Project Proponent (lease holder) shall deposit Rs.1,80,500/-, with the respective District Environment Society for raising 400 plants (minimum @100 trees per Ha) of native species within 2 years in a suitable location adjoining to quarry.

APPROVED BY


Member Secretary, SEIAA


Member, SEIAA


12.12.2022
Chairman, SEIAA



AGENDA NO.102.40	
Proposal No.	SIA/OR/MIN/291555/2022
Date of Application	08.08.2022
File No.	54276/95-MINB1/02-2021
Project Type	Amendment in EC
Category	B1
Project/Activity including Schedule No.	1(a) Mining of minerals
Name of the Project	Proposal for Amendment of Environmental Clearance for change in production capacity from 94120 Cum/Annum to 57000Cum/Annum for Baideswar Sand Ghat (ML area 13.355 ha) in village-Patugadadharpur, Tahsil Banki, Cuttack, Odisha
Name of the company/Organization	Applicant: Smt. Minakshi Pradhan(lessee)
Location of Project	Tahasil Banki, Cuttack,Odisha
EC Date	29.07.2021

Proposal in brief :

- The highlights of the proposal as ascertained from the application and as revealed from proceedings/discussion held during the meeting of SEAC/SEIAA, are given as under.
- (xix) This proposal is for Amendment in EC in production capacity of sand from 94120Cum/annum to 57000Cum/annum for Baideswar Sand Ghat lying in Mahanadi River Bed over an area of 13.355 Ha located in Village - Patugadadharpur, Tahasil-Banki, District- Cuttack, Odisha applied by Smt. Minakshi Pradhan(lessee).
 - (xx) The lease was granted to Minakshi Pradhan, W/o Jagannath Pradhan at Samantarapur, PS/Dist-Khurda being the successful bidder Vide. letter no 56 dated 06.01.2020 from Tahsildar cum-Competent Authority, Banki Odisha.
 - (xxi) Mining Plan was approved in name of Tahsildar, Banki as per OMMC rule 2016 before the lease was taken to auction after completion of auction as per letter from Tahsildar, Banki Vide no-1758, dtd: 29.0.2020 environment clearance and all other documents to be issued in name of Minakshi Pradhan.
 - (xxii) The project site is located at Khata No 1, Plot no 3(p) of village- Patugadadharpur, Tahasil- Banki, District- Cuttack, State-Odisha. The geo coordinates are Latitude - 20°21'33"N to 20°21'43"N and Longitude – 85°23'31"E to 85°23'54"E. It is falls under Survey of India Topo Sheet No: 23H/7.
 - (xxiii) Earlier, Environmental Clearance has been granted by SEIAA vide letter No. 1944/SEIAA dated 29.07.2021 for the sand production 94120 Cum/year.
 - (xxiv) Consent to Operate was granted by SPCB, Odisha vide letter no. 2149/2324 dated 15.11.2021 for the sand production 94120 Cum/year.
 - (xxv) The project proponent has submitted that during operation of quarry, replenishment study was carried out and it was observed that it was difficult to excavate sand below 1.7 meter due to seepage of water. So working depth is limited to 1.7 meter only. As such, the approved quantity could not be achieved. As per the replenishment study report, 65706.6 cum sand may be extracted during the Plan period.
 - (xxvi) In order to access the exact extractable sand quantity, Project proponent had requested Tahsildar, Banki to review the mining plan on 22.3.2022.
 - (xxvii) As per the joint verification carried out by Department of mining, Geology, & Revenue it was found that due to change in water course and water-logged condition of the lease area, there are very less deposits of sand in ML area. Quarry area was found to be very less in comparison to proposed excavated area approved in the mining plan Thus, the mining plan was modified as per the recommendation of the joint inspection report and the production of quantity envisaged to be 57000Cum/annum.



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(xxviii) As per the Modified Mining Plan, revised geological reserve is 103076cum and Mineable reserve is 57000cum. Thus, the proposed sand mining during the plan period is as per the given table –

Year	Surface Area of Sand (m ²)	Thickness of sand (m)	Volume of Sand (m ³)
2022-23	51538	2.0	57000
2023-24	51538	2.0	57000
2024-25	51538	2.0	57000
2025-26	51538	2.0	57000
Total			2,28,000

(xxix) The PP has allocated EMP Cost: capital cost- Rs. 14.50 lakhs and recurring cost Rs. 7.45 lakhs

(xxx) Any deficiencies/omission have been noticed in the above documents-ARSS done shall be reviewed. The Tahasildar has not forwarded the proposal for amendment in EC. The project proponent has self applied for amendment of EC.

Whether SEAC recommended the proposal – The SEAC have considered the proposal in its meeting held on dated 05.11.2022 and have recommended the following:

- The Environmental Clearance has been approved for higher capacity i.e. 94120 cum/annum. Now they have applied for modification of EC after conducting replenishment study for less capacity than the approved capacity i.e. 57000 cum/annum. The SEIAA, Odisha may decide whether such type of amendment in EC will be allowed as the quantity requested by the lessee is less than the approved capacity

Decision of Authority:

After detailed deliberations, the Authority decided as follows:

- No amendment of EC is required since the production capacity is less than the permissible quantity allowed in the Original EC.
- Any modification of EC will require corresponding amendments in the mining plan with the approval of the competent authority and such application of amendment in EC should be recommended by the concerned Tahasildar. Accordingly, the amendment in EC project proposal is **Rejected**.

APPROVED BY


Member Secretary, SEIAA


Member, SEIAA


Chairman, SEIAA



AGENDA No.102.41	
Proposal No.	SIA/OR/MIN/273587/2022
Date of Application	19.05.2022
File No.	J-11015/47/2020-IA. II (M)
Project Type	Amendment in EC
Category	B1
Project/Activity including Schedule No.	1(a) Mining of minerals
Name of the Project	Proposal for Amendment of EC for Khatkurbahal (North) Limestone Block (156.43 ha) with limestone production capacity of 1.6 MTPA along with proposed crusher and screen with capacity of 800 TPH at Villages- Khatkurbahal & Phalsakani, Tahasil-Kutra, District-Sundargarh Odisha
Name of the company/Organization	Shiva Cement Ltd Applicant: Mr. Manoj Kumar Rustagi, Director
Location of Project	Tahasil-Kutra, District-Sundargarh Odisha
EC Date	17.03.2022
Name of the Consultant	M/s J.M. EnviroNet Pvt. Ltd., Gurugram (Haryana)

Proposal in brief :

The highlights of the proposal as ascertained from the application and as revealed from proceedings/discussion held during the meeting of SEAC/SEIAA, are given as under.

- (i) The proposal is for Modification of Environmental Clearance of Khatkurbahal (North) Block Limestone Mine (M.L. Area- 156.43 ha) with limestone production capacity of 1.6 million TPA at Villages Khatkurbahal & Phalsakhani, Tehsil Kutra, District Sundergarh, Odisha w.r.t inclusion of minor mineral Dolomite (2.4 MTPA) for sale, installation of 600 TPH capacity crusher for Dolomite within ML area and permission for sale of limestone (up to 1.6 MTPA) in open market for M/s. Shiva Cement Limited of Sri Manoj Kumar Rustagi.
- (ii) This is a proposal of Shiva Cement Limited for getting Amendment in existing Environment Clearance Letter No J-11015/47/2020-IA-II(M) dated 17.03.2022 granted by MoEF&CC in favor of Shiva Cement Limited for Khatkurbahal (North) Block Limestone Mine (M.L. Area- 156.43 ha) with limestone production capacity of 1.6 million TPA at Villages Khatkurbahal & Phalsakhani, Tehsil Kutra, District Sundergarh, Odisha w.r.t inclusion of minor mineral Dolomite (2.4 MTPA) for sale, installation of 600 TPH capacity crusher for Dolomite within ML area and permission for sale of limestone (up to 1.6 MTPA) in open market.
- (iii) **Location and Connectivity** - The mine is situated near Villages- Khatkurbahal & Phalsakhani, Tehsil Kutra, District Sundergarh, Odisha. The latitude is 22° 16' 45.31025" N to 22° 17' 10.12835" N and 84° 27' 36.13496" E to 84° 29' 18.22107" E. The project falls under Category "B" Project or Activity 1(a) – 4 for "Mining of Minerals" as per MoEF&CC, Govt. of India Notification as the Mining Lease Area is less than 250 ha.
- (iv) M/s. Shiva Cement Limited has an existing Cement Plant with clinker production capacity 3.0 million TPA & Cement 2.0 million TPA at Village Telighana. Tehsil- Kutra, District Sundargarh, Odisha. Environment clearance has been obtained from MoEFCC vide File No J-11011/84/2008-



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IA.II (I) dated 23.03.2022. To meet the limestone requirement of cement plant, company has two mines:

- Khatkurbahal Limestone & Dolomite Mine (ML Area- 72.439 ha) with Production Capacity 1.5 million TPA Near village – Khatkurbahal & Kulenbahal, Tehsil-Kutra, District-Sundergarh (Odisha). Environment Clearance for the same has been obtained from SEIAA, Odisha vide letter No 37895/62-MINB1/11-2021 dated 11.03.2022.
 - Khatkurbahal (North) Block Limestone Mine (M.L. Area- 156.43 ha) with limestone production capacity of 1.6 million TPA at Villages Khatkurbahal & Phalsakhani, Tehsil Kutra, District Sundergarh, Odisha. Environment clearance has been obtained from MoEFCC vide File No J-11015/47/2020-IA.II (I) dated 17.03.2022.
- (v) Letter of Intent (LOI) as per Rule 10(2) of the Mineral (Auction) Rules, 2015 for grant of Mining Lease for Limestone was issued by the Government of Odisha in favor of M/s. Shiva Cement Limited for Khatkurbahal (North) Block Mine (ML Area 156.43 ha) vide letter no. 9010/S&M, Bhubaneswar dated 18.11.2019 and a corrigendum in LOI w.r.t area correction was issued on 14.02.2020. It may be noted that this auctioned mine is a merchant block with no end use condition. Environment Clearance has been granted by MoEF&CC vide letter No. J-1105/47/2020. IA. II (M) dated 17.03.2022 for Khatkurbahal (North) Block Limestone Mine (M.L. Area- 156.43 ha) for total excavation of 5.543 million TPA [Limestone 1.6 MTPA and Mineral Reject 0.035 MTPA (ROM 1.635 million TPA), Top soil 0.033 million TPA and waste 3.875 million TPA (covering 2.42 million TPA of Dolomite as waste)]. Now, Shiva Cement Limited has a proposal to utilize Dolomite as a minor mineral for which Revised LOI has been issued with inclusion of Dolomite by the Department of Steel & Mines, Government of Odisha vide letter no 1216/S&M, (AE) (Exp.) SM-05/2021, Bhubaneswar dated 02.02.2021. With the utilization of Dolomite as a minor mineral for sale, there will be no change in proposed total excavation (i.e. 5.543 million TPA) as permitted in the existing Environment Clearance of the above mine. Approval of Modification in Mining Plan w.r.t inclusion of Dolomite has also been issued by the Ministry of Mines (IBM) vide letter no MPM/A/01/-OR/BHU/2021-22 dated 24.04.2021.
- (vi) **Reason For Amendment:** Both Limestone and dolomite resources are considered for the valuation of resource in the Tender document of Khatkurbahal (N) block and both the minerals were taken into account for the calculation of upfront payments and performance security. Limestone resource is 49 Million MT whereas Dolomite resource is 76 Million MT which is ~ 1.5 times of limestone resource. However, without excavation of dolomite, limestone cannot be extracted as limestone is overlain by dolomite. The Avg sale price per ton of Limestone as on feb'2022 is INR 421.00 whereas the Avg sale price per ton of Dolomite as on Mar'2021 is INR 795.00. Considering the depth of limestone availability and its exploitation, the economic viability of the project is wholly dependent on the sale of dolomite. Dolomite mineral was inadvertently not mentioned in the initial LoI issued to Shiva Cement Ltd. Secondly, the District Survey Report (DSR) of Dolomite which is a pre-requisite for filing application for EC of minor minerals was also not available with the state govt. at the time of issue of LoI. Since the execution of our captive cement plant was already in progress, SCL had to apply for EC for Limestone only while considering the entire quantity of Dolomite, i.e. 2.4Million TPA as waste as suggested by the non-coal mining EAC, MoEF&CC. The environmental impact assessment of mining and stacking of 2.4 Million TPA dolomite (considered as waste) has already been carried out during the EIA studies. Now, District Survey Report (DSR) of Dolomite has been issued by the District Collector on 28-02-2022, SCL has applied for amendment in the existing environment clearance (EC) w.r.t inclusion of minor mineral Dolomite, 2.4 million TPA for sale in open market without increasing the total excavation, i.e., 5.543 million TPA in order to utilize Dolomite (minor mineral) as a mineral which was earlier categorized as waste. 600 TPH crusher is also proposed for crushing of Dolomite within ML area. In addition, since this is a merchant mine with no end



- use restrictions. Company is also seeking amendment in the existing EC for grant of permission for sale of limestone (up to 1.6 MTPA) in open market.
- (vii) The project proponent along with the consultant M/s J.M. EnviroNet Pvt. Ltd., Gurugram (Haryana) made a detailed presentation on the proposal on 03.08.2022.
- (viii) The PP has submitted ADS to SEAC on 09.09.2022.
- (ix) The PP has submitted the copy of approved modification of Mining Plan w.r.t inclusion of dolomite as a product and addition of 600 TPH Crusher granted by the Ministry of Mines (IBM) vide letter no MPM/A/01/-OR/BHU/2021-22 Dated 24.04.2021.
- (x) The PP has submitted the scope of project to SEAC as :Amendment in Existing Environment Clearance Letter No J-11015/47/2020-IA-II(M) dated 17.03.2022 granted by MoEF&CC in favor of Shiva Cement Limited for Khatkurbahal (North) Block Limestone Mine (M.L. Area- 156.43 ha) with limestone production capacity of 1.6 million TPA at Villages Khatkurbahal & Phalsakhani, Tehsil Kutra, District Sundergarh, Odisha w.r.t inclusion of minor mineral Dolomite (2.4 MTPA) and permission for transportation of limestone (up to 1.6 MTPA) by road from mining lease to other 3rd party buyers.
- (xi) Any deficiencies/omission have been noticed in the above documents- Nil

Whether SEAC recommended the proposal – Yes, in its meeting dated 02.11.2022. The SEAC have recommended the following:

- a) Environmental Clearance issued vide No J-11015/47/2020-IA-II(M) dated 17.03.2022 by MoEF&CC, Govt. of India for Khatkurbahal (North) Block Limestone Mine (M.L. Area-156.43 ha) with limestone production capacity of 1.6 million TPA at Villages- Khatkurbahal & Phalsakhani, Tehsil- Kutra, District Sundargarh, Odisha may be amended for inclusion of minor mineral Dolomite (2.4 MTPA) as ore and installation of 600 TPH capacity crusher for Dolomite within ML area.
- b) Following Additional conditions may be stipulated in Environmental Clearance:
- Proper safety procedure shall be maintained while loading, unloading and transporting the ore to avoid pollution and maintain safety.
 - Haulage road shall be developed and maintained perennially and perpetually by the proponent in consultation with the concerned authority of the Govt.
 - CER related issues as per MoM of public hearing may be prescribed as special condition in EC.
 - The mining authority shall assess the impact of blasting by carrying out a few trail blasts in the beginning through an institution/organization having the domain expertise and the optimum blasting parameters should be established in order to avoid any adverse impact.
 - As per EIA report in project description, Bench width, height and angle is indicated along with Quarry slope and the proponent shall follow it as per approved mining plan and so also blasting procedure.
 - With regard to the public road and safety of commuters, the proponent must follow all the precautionary measures prescribed by DGMS including maintenance of a safety zone.
 - The approved mine plan for carrying out the proposed limestone mining should be revised to include mining of proposed dolomite ores as per the proposal

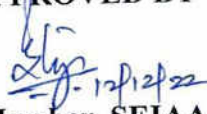
Decision of Authority:


After detailed deliberations, the Authority decided to ~~deferred~~ the proposal and sought additional information on the following:

- It is seen that the revised LOI with inclusion of dolomite (MM) has been issued in 02.02.2021 by the Department of Steel & Mines, Government of Odisha & the DSR has been issued on 28.02.2022 which was prior to issue of EC Order dated 17.03.2022 by MoEF & CC, GoI. The PP shall clarify why on the first hand the PP did not submit the proposal for inclusion of minor mineral (Dolomite) & installation of 600 TPH crusher at the time of grant of EC in the Ministry.


Member Secretary, SEIAA

APPROVED BY


Member, SEIAA


Chairman, SEIAA



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AGENDA NO.102.42	
Proposal No.	SIA/OR/MIN/293401/2022
Date of application	23.11.2022
Project Type	Transfer of EC
Category	B2
Project/Activity including Schedule No.	1(a) Mining of minerals
Name of the Project	Proposal For Transfer of EC of Ambapal Morrum quarry over an area 1.86 hectares or 4.59 acres in village Ambapal under Kishorenagar Tahasil of Anugul District Odisha
Name of the company/Organization	Sri Shashank Agrawal, S/o-Pawan Agrawla, 14/8/k, Pana Kunk, Hansa Vihar, Shrikant Verma Marg, Link Road, Bilaspur, Chhattisgarh, Pin-495001
Location of Project	Odisha

Proposal in brief :

- (i) The highlights of the proposal as ascertained from the application and as revealed from proceedings/discussion held during the meeting of SEAC/SEIAA, are given as under.
- (ii) This is a proposal Transfer of EC of Ambapal Morrum quarry over an area 1.86 hectares or 4.59 acres in village Ambapal under Kishorenagar Tahasil of Anugul District Odisha.
- (iii) Documents submitted: Application in Form-7, earlier EC copy, Tahasildar forwarding letter, KML file, Status of quarry, undertaking regarding acceptance of the terms and conditions of EC by transferee in legal stamp paper (Notary), and scrutiny of Rs. 1000/- vide e-Challan Ref. No. 3375B20DOC dated 17.10.2022
- (iv) The EC of Ambapal Morrum quarry over an area 1.86 hectares or 4.59 acres in village Ambapal under Kishorenagar Tahasil of Anugul District Odisha was in favour of Tahasildar, Kishorenagar vide SEIAA letter no. 193/SEIAA dated 22.01.2021.
- (v) Present status of quarry-non-operating
- (vi) Whether submitted undertaking-Yes, on dated 17.11.2022
- (vii) Whether submitted KML file-Yes, through E-mail.
- (viii) Now, the project proponent applied proposal for transfer of EC from the name Tahasildar, Kishorenagar to Sri Shashank Agrawal, (highest bidder/lessee) with attaching Tahasildar forwarding letter vide letter no. 2821 dated 01.10.2022.
- (ix) Any deficiencies/omission have been noticed in the above documents- Nil

Whether SEAC recommended the proposal – N/A

Decision Of Authority:

The transfer of EC is allowed subject to submission of full compliance report of the stipulated conditions of EC issued vide letter no./EC identification no. 193/SEIAA dated 22.01.2021 including the following additional conditions:

1.

- a. **Boundary Demarcation:** - The boundary of the lease area shall be demarcated on ground at the project cost, by erecting 1.20 meter (4 feet approx.) high reinforced concrete pillars above ground, each inscribed with its serial number, distance from pillar to pillar and GPS coordinates by any empanelled agency of ORSAC.
- b. **Digital Map:** -A digital map (in KML format as well as PDF version) showing GPS coordinates of all boundary pillars duly countersigned by the Tahasildar shall be submitted to SEIAA, Odisha through email at seiaaodisha@gmail.com.



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- c. **Intimation of EC:** -The copies of the EC shall be sent to the Sarpanch (s) of the concerned Gram Panchayat (s), Urban Local Bodies and relevant other Offices of the Government with a request to display the same for 30 days from the date of receipt.
- d. **Tree Plantation:** -Compensatory Tree Planting (CTP) shall be carried out with minimum @100 trees per Ha. of lease area as per the approved cost norm for avenue plantations of the State Forest Department. The Project Proponent (lease holder) shall deposit Rs.90,000/- with the respective District Environment Society for raising 200 plants of native species within 2 years in a suitable location adjoining to quarry.
- e. **State EMF Fund:** - An amount equal to five percent (5%) of the royalty payable shall be collected from the lessee by the Tahasildar and deposited to the State Environment Management Fund, which will be utilized as per provisions of Rule 49(3) of the OMMC Rule, 2016 preferably, in and around the areas where mining activities are undertaken.
2. The Tahasildar, Kishorenagar shall ensure that the above five additional conditions be complied with by the lessee before start of any mining operations and submitted compliance report to SEIAA, Odisha through email at seiaaodisha@gmail.com within 06 (six) months from date of issue of transfer of EC falling which the EC stands automatically revoked.

APPROVED BY


Member Secretary, SEIAA


Member, SEIAA


Chairman, SEIAA



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AGENDA NO.102.43

Proposal No.	SIA/OR/IND/293796/2022
Date of application	15.11.2022
Project Type	Transfer of EC
Category	B2
Project/Activity including Schedule No.	1(a) Mining of minerals
Name of the Project	Proposal For Transfer of EC of 4.2 MTPA Cement Grinding Unit of M/s Kapilash Cement Manufacturing Works [A unit of Dalmia Cement (Bharat) Ltd.] at Village-Biswali, Tehsil-Tangi, Dist-Cuttack, Odisha
Name of the company/Organization	M/s. Dalmia Cement Bharat Village-Biswali , Tehsil-Tangi , District-Cuttack , State Odisha Orissa 75408
Location of Project	Odisha

Proposal in brief :

- (i) The highlights of the proposal as ascertained from the application and as revealed from proceedings/discussion held during the meeting of SEAC/SEIAA, are given as under.
- (ii) This is a proposal Transfer of EC of 4.2 MTPA Cement Grinding Unit of M/s Kapilash Cement Manufacturing Works [A unit of Dalmia Cement (Bharat) Ltd.] at Village-Biswali, Tehsil-Tangi, Dist-Cuttack, Odisha.
- (iii) Documents submitted: Application in Form-7, earlier EC copy
- (iv) The EC of 4.2 MTPA Cement Grinding Unit of M/s Kapilash Cement Manufacturing Works [A unit of Dalmia Cement (Bharat) Ltd.] at Village-Biswali, Tehsil-Tangi, Dist-Cuttack, Odisha was in favour of M/s Kapilash Cement Manufacturing Works [A unit of Dalmia Cement (Bharat) Ltd.] vide SEIAA letter no. 895/SEIAA dated 12.03.2021.
- (v) Whether submitted undertaking-Yes,
- (vi) Whether submitted KML file-No
- (vii) Now, the project proponent applied proposal for transfer of EC from the name M/s Kapilash Cement Manufacturing Works [A unit of Dalmia Cement (Bharat) Ltd.] having capacity 4.2 MTPA to the same name with capacity 1.7 MTPA as parent unit demerged and already one transfer of EC issued in favour of M/s. Dalmia DSP having capacity 2.5 MTPA in our letter dated 03.11.2022.
- (viii) Any deficiencies/omission have been noticed in the above documents- Not submitted KML file of both plant.

Whether SEAC recommended the proposal – N/A

Decision Of Authority:

After detailed deliberation on the matter, the Authority allowed transfer of EC as requested by the PP.

APPROVED BY


Member Secretary, SEIAA


Member, SEIAA


Chairman, SEIAA



Agenda Note of 102nd Meeting of SEIAA, Odisha Held On 06.12.2022 and 07.12.2022

AGENDA NO.102.44	
Proposal No.	SIA/OR/MIN/294039/2022
Date of application	15.11.2022
Project Type	Transfer of EC
Category	B2
Project/Activity including Schedule No.	1(a) Mining of minerals
Name of the Project	Proposal For Transfer of EC of Bhaleswar Sand Quarry over an area of 12.355Ac or 5.00Ha at Bhaleswar Tahasil/dist-Nuapada.
Name of the company/Organization	Sri Jitendra Kumar Agrawal At/Po-Debgarh, Dist-Debgarh Pin-768108
Location of Project	Odisha

Proposal in brief :

- (i) The highlights of the proposal as ascertained from the application and as revealed from proceedings/discussion held during the meeting of SEAC/SEIAA, are given as under.
- (ii) This is a proposal Transfer of EC of Bhaleswar Sand Quarry over an area of 12.355Ac or 5.00Ha at Bhaleswar Tahasil/dist-Nuapada.
- (iii) Documents submitted: Application in Form-7, earlier EC copy, Tahasildar forwarding letter, KML file, Status of quarry, undertaking regarding acceptance of the terms and conditions of EC by transferee in legal stamp paper (Notary), and scrutiny of Rs. 2000/- vide e-Challan Ref. No. 337B838EAB dated 15.11.2022
- (iv) The EC of Bhaleswar Sand Quarry over an area of 12.355Ac or 5.00Ha at Bhaleswar Tahasil/dist-Nuapada was in favour of Tahasildar, Nuapada vide SEIAA letter no. EC22B001OR197250 dated 30.07.2022.
- (v) Present status of quarry-non-operating
- (vi) Whether submitted undertaking-Yes
- (vii) Whether submitted KML file-Yes
- (viii) Now, the project proponent applied proposal for transfer of EC from the name Tahasildar, Nuapada to Sri Jitendra Kumar Agrawal, (highest bidder/lessee) with attaching Tahasildar forwarding letter vide letter no. 3959 dated 27.10.2022.
- (ix) Any deficiencies/omission have been noticed in the above documents- Nil

Whether SEAC recommended the proposal – N/A

Decision Of Authority:

The transfer of EC is allowed subject to submission of full compliance report of the stipulated conditions of EC issued vide letter no./EC identification no. EC22B001OR197250 dated 30.07.2022 including the following additional conditions:

1.

- a. **Boundary Demarcation:** - The boundary of the lease area shall be demarcated on ground at the project cost, by erecting 1.20 meter (4 feet approx.) high reinforced concrete pillars above ground, each inscribed with its serial number, distance from pillar to pillar and GPS coordinates by any empanelled agency of ORSAC.
- b. **Digital Map:** -A digital map (in KML format as well as PDF version) showing GPS coordinates of all boundary pillars duly countersigned by the Tahasildar shall be submitted to SEIAA, Odisha through email at seiaaodisha@gmail.com.
- c. **Intimation of EC:** -The copies of the EC shall be sent to the Sarpanch (s) of the concerned Gram Panchayat (s), Urban Local Bodies and relevant other Offices of the Government with a request to display the same for 30 days from the date of receipt.



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- d. **Tree Plantation:** -Compensatory Tree Planting (CTP) shall be carried out with minimum @100 trees per Ha. of lease area as per the approved cost norm for avenue plantations of the State Forest Department. The Project Proponent (lease holder) shall deposit Rs.2,25,000/- with the respective District Environment Society for raising 500 plants of native species within 2 years in a suitable location adjoining to quarry.
- e. **State EMF Fund:** - An amount equal to five percent (5%) of the royalty payable shall be collected from the lessee by the Tahasildar and deposited to the State Environment Management Fund, which will be utilized as per provisions of Rule 49(3) of the OMMC Rule, 2016 preferably, in and around the areas where mining activities are undertaken.
2. The Tahasildar, Nuapada shall ensure that the above five additional conditions be complied with by the lessee before start of any mining operations and submitted compliance report to SEIAA, Odisha through email at seiaaodisha@gmail.com within 06 (six) months from date of issue of transfer of EC falling which the EC stands automatically revoked.

APPROVED BY


Member Secretary, SEIAA


Member, SEIAA


12.12.2022
Chairman, SEIAA



Agenda Note of 102nd Meeting of SEIAA, Odisha Held On 06.12.2022 and 07.12.2022

AGENDA NO.102.45	
Proposal No.	SIA/OR/MIN/294872/2022
Date of application	03.12.2022
Project Type	Transfer of EC
Category	B2
Project/Activity including Schedule No.	1(a) Mining of minerals
Name of the Project	Proposal For Transfer of EC of Birupa sand bed, Ramdaspur-1 over an area of 7.00 acres 2.83 ha at village-Ramdaspur, tahasil-Darpan, district-Jajpur, Odisha
Name of the company/Organization	Sri Subash Behera, S/o-Raghunath Behera At-Balabhadrapur Prasad Patna, Po-Dharmasala, Dist-jajpur
Location of Project	Odisha

Proposal in brief :

- (i) The highlights of the proposal as ascertained from the application and as revealed from proceedings/discussion held during the meeting of SEAC/SEIAA, are given as under.
- (ii) This is a proposal Transfer of EC of Birupa sand bed, Ramdaspur-1 over an area of 7.00 acres 2.83 ha at village-Ramdaspur, tahasil-Darpan, district-Jajpur, Odisha.
- (iii) Documents submitted: Application in Form-7, earlier EC copy, Tahasildar forwarding letter, KML file, Status of quarry, undertaking regarding acceptance of the terms and conditions of EC by transferee in legal stamp paper (Notary), and scrutiny of Rs. 2000/- vide e-Challan Ref. No. 33762EF352 dated 26.10.2022
- (iv) The EC of Birupa sand bed, Ramdaspur-1 over an area of 7.00 acres 2.83 ha at village-Ramdaspur, tahasil-Darpan, district-Jajpur, Odisha was in favour of Tahasildar, Darpan vide SEIAA letter no. 2492 dated 04.09.2021.
- (v) Present status of quarry-operating for 1st year with production 2800 cum and submitted replenishment study report with mentioned that 2700 cum sand replenished
- (vi) Whether submitted undertaking-Yes
- (vii) Whether submitted KML file-Yes
- (viii) Now, the project proponent applied proposal for transfer of EC from the name Tahasildar, Darpan to Sri Subash Behera, (highest bidder/lessee) with attaching Tahasildar forwarding letter vide letter no. 5255 dated 21.10.2022.
- (ix) Any deficiencies/omission have been noticed in the above documents- Nil


Whether SEAC recommended the proposal – N/A

Decision Of Authority:

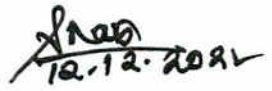
After detailed deliberations, the Authority decided to ~~deferred~~ **deferred** the case and sought additional information on the following:

- Mining has been carried out by the PP without transfer of EC. The Tahasildar shall submit an explanation why mining was carried out without transfer of EC of the project in the name of lessee which is a violation of EC Condition No. 9.26 of the EC Order granted by SEIAA vide letter no. 2492 dated 04.09.2021.

APPROVED BY


Member Secretary, SEIAA


Member, SEIAA


Chairman, SEIAA



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AGENDA NO.102.46	
Proposal No.	SIA/OR/MIN/294349/2022
Date of application	24.11.2022
Project Type	Transfer of EC
Category	B2
Project/Activity including Schedule No.	1(a) Mining of minerals
Name of the Project	Proposal For Transfer of EC of Banamaliguda sand bed over an area of 1.00acres or 0.404hectar bearing khata no 209&272, having plot no 1154 & 562/998 in village-Banamaliguda, tahasil-kodinga, dist-Nabarangpur, State-Odisha.
Name of the company/Organization	Sri Adarsh Gupta S/o-Premchand Gupta At-Gupta Residency Civil Line, Lal Bagh, Jagdarpur, Bastar, Chhatisgarh, Pin-494001
Location of Project	Odisha

Proposal in brief :

- (i) The highlights of the proposal as ascertained from the application and as revealed from proceedings/discussion held during the meeting of SEAC/SEIAA, are given as under.
- (ii) This is a proposal Transfer of EC of Banamaliguda sand bed over an area of 1.00acres or 0.404hectar bearing khata no 209&272, having plot no 1154 & 562/998 in village-Banamaliguda,tahasil-kodinga,dist-Nabarangpur,state-Odisha.
- (iii) Documents submitted: Application in Form-7, earlier EC copy, Tahasildar forwarding letter, KML file, Status of quarry, undertaking regarding acceptance of the terms and conditions of EC by transferee in legal stamp paper (Notary), and scrutiny of Rs. 2000/- vide e-Challan Ref. No. 337C009E00 dated 23.11.2022
- (iv) The EC of Banamaliguda sand bed over an area of 1.00acres or 0.404hectar bearing khata no 209&272, having plot no 1154 & 562/998 in village-Banamaliguda,tahasil-kodinga,dist-Nabarangpur,state-Odisha was in favour of Tahasildar, Kodinga vide SEIAA letter no./EC ref. No. EC22B001OR116534 dated 29.07.2022.
- (v) Present status of quarry-Non-working
- (vi) Whether submitted undertaking-Yes
- (vii) Whether submitted KML file-Yes in point source
- (viii) Now, the project proponent applied proposal for transfer of EC from the name Tahasildar, Kodinga to Sri Adarsh Gupta, (highest bidder/lessee) with attaching Tahasildar forwarding letter vide letter no. 3050 dated 22.11.2022.
- (ix) Any deficiencies/omission have been noticed in the above documents- Nil

Whether SEAC recommended the proposal – N/A

Decision Of Authority:

The transfer of EC is allowed subject to submission of full compliance report of the stipulated conditions of EC issued vide letter no./EC identification no. EC22B001OR116534 dated 29.07.2022 including the following additional conditions:

1.

- a. **Boundary Demarcation:** - The boundary of the lease area shall be demarcated on ground at the project cost, by erecting 1.20 meter (4 feet approx.) high reinforced concrete pillars above ground, each inscribed with its serial number, distance from pillar to pillar and GPS co-ordinates by any empanelled agency of ORSAC.



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- b. **Digital Map:** -A digital map (in KML format as well as PDF version) showing GPS coordinates of all boundary pillars duly countersigned by the Tahasildar shall be submitted to SEIAA, Odisha through email at seiaaodisha@gmail.com.
- c. **Intimation of EC:** -The copies of the EC shall be sent to the Sarpanch (s) of the concerned Gram Panchayat (s), Urban Local Bodies and relevant other Offices of the Government with a request to display the same for 30 days from the date of receipt.
- d. **Tree Plantation:** -Compensatory Tree Planting (CTP) shall be carried out with minimum @100 trees per Ha. of lease area as per the approved cost norm for avenue plantations of the State Forest Department. The Project Proponent (lease holder) shall deposit Rs.45,000/- with the respective District Environment Society for raising 100 plants of native species within 2 years in a suitable location adjoining to quarry.
- e. **State EMF Fund:** - An amount equal to five percent (5%) of the royalty payable shall be collected from the lessee by the Tahasildar and deposited to the State Environment Management Fund, which will be utilized as per provisions of Rule 49(3) of the OMMC Rule, 2016 preferably, in and around the areas where mining activities are undertaken.
2. The Tahasildar, Kodinga shall ensure that the above five additional conditions be complied with by the lessee before start of any mining operations and submitted ~~compliance~~ compliance report to SEIAA, Odisha through email at seiaaodisha@gmail.com within 06 (six) months from date of issue of transfer of EC falling which the EC stands automatically revoked.

APPROVED BY


Member Secretary, SEIAA


Member, SEIAA


12.12.2022
Chairman, SEIAA



Agenda Note of 102nd Meeting of SEIAA, Odisha Held On 06.12.2022 and 07.12.2022

AGENDA NO.102.47	
Proposal No.	SIA/OR/MIN/66286/2007
File No.	66286/92-MINB1/07-2022
Date of application	13.07.2022
Project Type	Expansion of EC
Category	B2
Project/Activity including Schedule No.	1(a) Mining of minerals
Name of the Project	Proposal for Expansion of EC of Kalarangiatta Chromite Mine (ML Area: 23.800 Ha) for increase in production from 0.05 MTPA to 0.15 MTPA Chromite Ore (ROM) with maximum excavation of 0.438 Million Cum per Annum through opencast mining at village Kalarangiatta under Sukinda Tehsil in Jajpur District of Odisha.
Name of the company/Organization	M/s. Ferro Alloys Corporation Ltd
Location of Project	Odisha

Proposal in brief :

The highlights of the proposal as ascertained from the application and as revealed from proceedings/discussion held during the meeting of SEAC/SEIAA, are given as under.

- (i) This is a proposal for Expansion of EC of Kalarangiatta Chromite Mine (ML Area: 23.800 Ha) for increase in production from 0.05 MTPA to 0.15 MTPA Chromite Ore (ROM) with maximum excavation of 0.438 Million Cum per Annum through opencast mining at village Kalarangiatta under Sukinda Tehsil in Jajpur District of Odisha.
- (ii) The proposal was considered by the Committee to determine the “Terms of Reference (ToR)” for undertaking detailed EIA study for the purpose of obtaining Environmental Clearance in accordance with the provisions of the EIA Notification, 2006 and amendment thereafter.
- (iii) As per EIA Notification dated 14th Sep, 2006 as amended from time to time, the project falls under Category “B”, Project or Activity 1(a) – Mining of Minerals.
- (iv) The proposed project is for M/s Ferro Alloys Corporation Ltd. for expansion of Kalarangiatta Chromite mines for increase in production from 0.05 MTPA to 0.15 MTPA Chrome Ore (ROM) with maximum excavation of 0.438 Million cum per annum over an mining lease area: - 23.80Ha., at village – Kalarangiatta, Tahasil – Sukinda, Dist – Jajpur, Odisha of Sri. Biswanath Sahoo, (Authorized Signatory).
- (v) Site Location and Connectivity - The Kalarangiatta Chromite Mine Lease is spread over an area of 23.800 ha and it falls in Survey of India Topo Sheet Open Series Map No. F45N16, F45T09, F45T13 & F45U1 (73G/12) with co-ordinates Latitude: 21° 01' 00.57" N to 21° 01' 29.29" N and Longitude: 85° 44' 18.96" E to 85° 44' 38.02" E. Kalarangiatta Chromite Mine is situated in Jajpur district of Odisha. Tomka Mangalpur Highway passes along the northern boundary of the lease area. Tomka Railway Station is situated about 26.08 km (aerial distance) in ENE-direction from lease area. Biju Patnaik International Airport, Bhubaneswar is about 85.87 km (aerial distance) in S-direction from lease area.
- (vi) Topography - The entire lease area is a flat terrain having a gentle slope of 20° from South to North. Maximum elevation : 108 mRL in the Southern Part. Minimum elevation : 96 mRL in the Northern Part. There is no seasonal or perennial surface water body in the mine lease area. Damsal nala, flows next of ML area in N, forms the major drainage of the study area. HFL is at 86mRL. Bottommost elevation of the surrounding lease area is 96mRL.



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- (vii) Environmental Clearance is received for production of 0.05 MTPA Chromite Ore vide letter no. J-11015/183/2007/I.A.II(M) dated 13.05.2009.
- (viii) Govt. of Odisha granted mining lease for 39.318 Ha in Kalarangiatta village, Tehsil Sukinda, District Jajpur on 03.11.2001. M/s Facor proactively surrendered 15.518 Ha of forest land and mining lease was executed for 23.8 Ha of non-forest revenue land on 18.04.2008 for 30 years. Mining operation started from 01.11.2011. In compliance to the MMDR Amendment Act 2015, the mining lease period extended for 50 years i.e. up to 17.04 2058.
- (ix) Based on MOEF & CC circular dated 10.03.2015 & as per Sabik settlement records, the status of ML area of 23.800 Ha as on 25/10/1980 is now interpreted as revenue forest land of Sal Jungle Kisam for which forest diversion proposal is under process and in advance stage. Mining operation is going on as per Hon'ble High Court order.
- (x) In the year 2020, Hon'ble National Company Law Tribunal (NCLT) Cuttack Bench under the provisions of Insolvency and Bankruptcy Code (IBC) -2016 vide its order dated 30.01.2020, has approved the resolution plan of M/s. Sterlite Power Transmission Limited (a group of Vedanta Ltd.). Pursuant to the said order of NCLT Cuttack, the Board of Directors of M/s. Ferro Alloys Corporation Ltd. have also been changed with effective from dated 21.09.2020.
- (xi) Based on the recent exploration activity, updated mine reserve & resource data and updated mining plan, this expansion proposal was submitted to IBM for approval under Rule 17(3) of MCR, 2016 including Progressive Mine Closure Plan under Rule 23 of MCDR, 2017 on the account of production enhancement. IBM has approved the modification of Review of Mining Plan Vide Letter. No. MRMP/AA/09-ORI/BHU/2021-22, Dated. 29.07.2021.
- (xii) Modified Review of Mining Plan was approved by IBM, Bhubaneswar dated 29.07.2021 with letter no. MRMP/AA/09-ORI/BHU/2021-22.
- (xiii) Consent to Operate from SPCB, Odisha vide letter no. 3856/IND.I CON.6318 dated 27.03.2020 Valid till 31.03.2022.
- (xiv) Hazardous Waste Authorization from SPCB, Odisha vide letter no.: IND-IV-HW-1018/7540, dated 20.08.2020, Valid till 31.03.2022
- (xv) Ground water withdrawal permission (NOC) was obtained from CGWA, Vide Ref No. CGWA/NOC/MIN/ORIG/2018/3980, Dated 12.09.2018. Renewal of NOC is under Process.
- (xvi) Forest Diversion proposal of Facor over 23.80 ha had been recommended to MoEF in 2018, then they directed the State Govt to resubmit the proposal with revised CA scheme. Now revised CA scheme has been approved by DFO and pending with PCCF, BBSR for final approval and communication to MoEF. Mining operation is going on as per High Court Order W.P.(C) No.:19486 of 2016.
- (xvii) Surface right over 22.739 Ha has been granted by State Government vide Letter No. 4904, Dated 05/05/2010
- (xviii) Reserves - Geological Reserves is 1.487 Million Tonnes and Mineable Reserves is 0.859 Million Tonnes (as on 31.05.2021). Based on the present reserve estimates and proposed production program, the life of mine is estimated to be about 6 years, which will increase with planned future exploration, road diversion and slope steepening.
- (xix) Method of Mining - Fully mechanized Open cast mining is proposed to be carried out during the plan period. The operations like digging, excavation and removal of ore will be done with the help of heavy earth moving machineries. Drilling or blasting is not envisaged at present. However, it will be carried out as per requirement in future with necessary statutory approval.
- (xx) Production Details: 0.150 Million TPA Chrome Ore (ROM), max excavation of 0.438 Million CuM per annum. Year wise production details is:



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Year	Total Excavation (Tonnes)	ROM (Tonnes)	Waste Generation Top Soil (Tonnes)	Waste Generation OB/SB/IB	ROM:Waste Stripping Ration
2021-22	399600	63600	2800	336000	1:5.33
2022-23	932000	150000	3600	782000	1:5.24

- (xxi) Water Requirement: About 80 KLD water will be required for dust suppression, plantation, wheel wash, drinking & domestic activities, etc. Mine pit water will be used for dust suppression and plantation activities. Ground water from borewell will be used for drinking and domestic use. Necessary permission for 20 KLD groundwater extraction from borewell and 700 KLD dewatering has been obtained from CGWA by the lessee and the same will be renewed.
- (xxii) Power Requirement: Currently, 33 KV power is stepped down through 11 KV substations and distributed throughout the mines. A contract demanding 198 KVA with total connected load of 180 KW has been made. Three DG set (250 KVA, 35 KVA, 15 KVA) are deployed to cope up with the power interruption that takes place due to low voltage and frequent tripping.
- (xxiii) Employment Potential - The project will generate 233 manpower for the proposed expansion in the mine.
- (xxiv) Baseline Environmental Monitoring for Air, water, Noise and Soil has been carried out during Pre Monsoon season (Mar 2021 - May 2021).
- (xxv) Total Cost of the proposed project will be Rs 12.18 Crores.
- (xxvi) The project proponent along with the consultant M/s Visiontek Consultancy Services Pvt. Ltd., Bhubaneswar made a detailed presentation on the proposal on 03.08.2022.
- (xxvii) The PP submitted ADS to SEAC on 08.09.2022.
- (xxviii) Any deficiencies/omission have been noticed in the above documents- Nil

Whether SEAC recommended the proposal –Yes, the SEAC recommended for grant of Environmental Clearance on its meeting held on 02.11.2022 with stipulated conditions as per Annexure – B and following specific conditions.


- i) The mine shall explore implementation of membrane-based technology for removing Hexavalent Chromium from surface run off & mine drainage water.
- ii) The proponent shall discharge the treated effluent to outside nallah only after meeting the permissible limit for hexavalent chromium and other relevant parameters.
- iii) The mine shall take adequate measures to minimize the discharge of waste water to Damsala nallah.
- iv) The proponent shall revalidate the authorization obtained from SPCB, Odisha for management of Hazardous Waste as it has already expired on 31.03.2022 (as per information submitted).
- v) The project proponent shall monitor analysis of hexavalent chromium in nearby soil and water body periodically and follow mitigation measures if necessary.
- vi) All the compliances submitted/ committed by PP (s) shall be strictly adhered to by them. However, EC may be issued after receipt of re-analysis report of soil sample as analysis result submitted by the proponent reveals hexavalent chromium level in soil varied between 320 to 520 mg/kg. This may be an analytical error, which needs to be reanalysed through a third party laboratory.


Decision Of Authority:

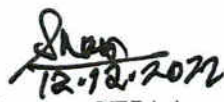
After detailed deliberations and as per discussion with PP on the certified compliance report submitted from IRO, the Authority decided to seek additional information from the PP.

- The PP shall submit the approval copy of the site-specific WL conservation plan & deposit of fund for the same.
- There shall be separate account for expenditure on EMP.
- Status of Forest Clearance in respect of the forestland involved in the ML area

APPROVED BY


Member Secretary, SEIAA


Member, SEIAA


Chairman, SEIAA



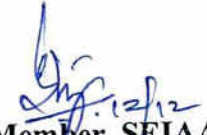
POLICY DECISION:

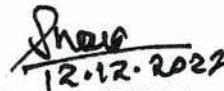
The Tour Note of Chairman, SEIAA, Odisha to Rajasthan, SEIAA regarding the processes and good practices in Rajasthan being followed while grant of EC was discussed and following discussions were taken.

1. The MoEF&CC Notification S.O.648(E), 3rd March, 2016 regarding preparation of EIA/EMP report by QCI/NABET empanelled consultants shall be followed by SEIAA, Odisha in a phase manner for improvement in the quality of EIA / EMP.
2. All violation cases are to be dealt as per the Standard Operating Procedure (SOP) of the MoEF&CC F. No. 22-21/2020-IA-III, dated 7th July, 2021.
3. The Authority approved the Self Declaration Proforma-I and Proforma-2 from the PP / Tahasildar / Consultant / RQP relating to no violation or suo-moto declaration of violation while seeking EC application. The proforma shall be uploaded in the Parivesh portal of the Ministry. Further, the checklist of minor mineral shall also be revised accordingly to include the Proforma and upload in the Parivesh portal.


Member Secretary, SEIAA

APPROVED BY


Member, SEIAA


12.12.2022
Chairman, SEIAA