



Agenda of 119th Meeting of SEIAA, Odisha Held on 17.05.2023&18.05.2023

Agenda Item No. 119.01

This is regarding matter on NGT case on O.A. 11/2022EZ filed by Z1 Residents' Welfare Association (Applicant(s)) Vrs Z Estates Pvt. Ltd &Ors.

This is regarding matter on NGT case on O.A. 11/2022EZ filed by Z1 Residents' Welfare Association (Applicant(s)) Vrs Z Estates Pvt. Ltd &Ors. Initially, Shri Ashok Kumar Tripathy, IAS (Rtd.) vide his letter 05.10.2021 submitted a complaint letter addresses to the Member secretary, SEIAA, Odisha and another letter on dated 27.10.2021 through E-mail addressing to the Chief Secretary to Govt. of Odisha alleging violation of conditions stipulated in the environmental clearance EC (Phase-I) by Z-Estates Pvt. Ltd. for the construction made namely Housing colony and shopping mall (Phase-I) at Kalarahanga, Patia, Bhubaneswar. In the said allegation, the complaint alleged that there are violations of stipulated conditions of EC issued by SEIAA, Odisha.

In this regard, there was a direction from Department of FE & CC, Govt. of Odisha vide letter no. 19916 dt. 15.11.2021 to the SEIAA to cause an enquiry in the matter and to report the Govt. Accordingly, the following members of joint committee visited the site of Z1-Apartment Complex, Kalaranga, Patia, Bhubaneswar in Khordha on dt. **20.01.2022**, so as to verify the contents of the allegation made by Sri Ashok Kumar Tripathy, IAS (Rtd.), complainant.

1. Prof (Dr.) B.K. Satpathy (Member, State Level Expert Appraisal Committee)
2. Dr. Rebati Kanta Mishra, Environmental Scientist, SPCB, Odisha
3. Dr. Pradeepta Ku. Nayak, Environmental Scientist, SEIAA, Odisha
4. Sri M. Rajeshwar Prasad, Scientist, C Integrated Regional Office of MoEF& CC, Bhubaneswar

Accordingly, the Joint Committee comprising of the above following official had visited the site on **20.01.2022**. Shri Ashok Kumar Tripathy, complainant was not present and on behalf of him the Z1 Residents' Welfare Association of Phase-I Z-Estate has nominated Sri S.K. Dash, the representative of the Association to join inspection team. As intimated, Shri Ashok Kumar Tripathy, the member of the Z1 Residents' Welfare Association that he will not attend the inspection committee showing the reasons that he was not taken Vaccine of COVID-19.

Overall Observation:

Based on the site inspection and documents submitted by the Sri Tapan Kumar Mohanty project Authority (PA) of Z1-estate, the following point has been observed by the committee are as follows:

1. Initially, the PA had applied a proposal to SEIAA, Odisha to develop in single phase construction of building Z1-estate Pvt. Ltd. for which Environmental Clearance (EC) was granted by SEIAA, Odisha vide letter no. SEIAA-261/10 dated **16.08.2011** over total built up area-**2,44,092.73 sqm.** and provision for green belt & avenue plantation of trees-20% of the site area. Later the PA had applied another application on 10.09.2014 for modernization for construction of housing colony and shopping mall (Phase-II) with built up area 2,75,042 sqm. in existing premises of Phase-I construction project. Due to sluggish market demand and financial constraints the PA had decided to developed the project in phases for which the PA had applied application on 10.09.2014 for Phase-I consisting existing building (as a part of the earlier EC) and modified Phase-II project to developed with total built up area **2,75,042 sqm** (Phase-I & Phase-II). EC obtained for modernization of phase-II vide letter no. 827 dt. **23.02.2016**. The PA had obtained EC vide letter no. 7991/SEIAA dt. **17.03.2020** for expansion for construction of

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- housing colony and convenient shopping (Phase-III) with built up area 3,95,865.09 sqm. and green belt provision was 30,929.22 sqm.
2. During site inspection the Committee has observed that the Phase-I project had already completed and people are staying there and Phase-II project almost completed and going to operate very soon., and the Phase-III project is under construction. The Phase-I, II & III projects are integrated project in a same campus.
3. Green belt and Avenue Plantations are available and shown by the Proponent. However, at some places the plants were not available and very less / uprooted, which needs to be replanted. The committee gave instruction to PA to plant more indigenous fruit bearing and broad leave tree species rather to develop decorative and increasing Lawn area within the period **August 2022**.
4. The PA had obtained NOC / letter from CGWA for use of ground water of ground water 1100 cum/day vides letter no.21-4(287)/SER/CGWA/2011-140 Dt. **23.02.2011** and also thereafter (i.e. on dated 23.05.2015 for 950 cum/day and on dated 16.07.2019 for 3,46,750 cum/year).
5. The PA has informed that the phase-I building of Z1-Estates Pvt. Ltd. was handover to Z1 Residents Welfare Association on dated 18.01.2021 and the documents handover details to the Association was acknowledge by Sri Manoranjan Mishra and Sri KalpataruPattanaik the two members of the association.
6. **STP:** The Committee visited the STP and was found that the STP was running with Primary units. The PA has explained that it is functioning through Moving Bed Biofilm Reactor (MBBR) technology. The proper function of the same depends upon its regular operation, required chemical dosing and maintenance. The PA has submitted water testing report of STP treated water for the period 20.12.2017 to 23.02.2021 by the IIMT and NABET certified consultant. It reveals that the STP treated water parameters are in prescribed standard (copy attached). For presently to know the working conditions of STP, it was decided by committee that Regional Officer of SPCB, Bhubaneswar may collect a sample in presence of PA and Z1-Residents' Welfare Association, sealed it and tested to ascertain functioning of STP at later stage.
7. The treated water generated from STP is used for gardening etc. as explained by PA and there is no excess treated water found or accumulated at any area nearby. However, PA was advised that there has to be a connection of treated water to outside Municipal drain to take care of excess treated water if any and also in rainy season. PA explained that some of the works are incomplete due to the integrated periphery development work like-internal drains, roads etc and will be done very soon. The PA has explained that all the treated water of phase-I has been utilized for gardening purpose and no excess water is available for discharge to municipal drain. However, system for discharging excess treated water during monsoon period has been integrated with phase-II system of discharging excess water.
8. The PA has installed water treatment plant for treatment of underground water and the testing report of water sample furnished by PA and the parameters of water are in prescribed limit.
9. **Rain water harvesting & Recharge Pits:** The PA showed the 17 nos. of recharging pits across the site. One such pit was opened and found water in it. The PA has explained that channel drains are available to collect the excess water and surface water during rainy season. PA was advised that, as so many recharge pits are already in place, they should implement the harvesting system fully not only for roof top but also for paved area surface water by connecting channels to pits. The Committee also advice to PA that he should harvest rainwater and reuse for plantation and other purposes.

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- 10. Solid Waste Management:** PA showed a copy of agreement letter on dated 08.06.2020 with authorised party of M/s. Clean Mart Facility Services, Plot No. 78, Rasulgarh Square, Bhubaneswar-10, Odisha for collection of solid waste from the premise of Z-Estate for the period 1st May 2020 to 31st March 2021. It was informed by PA that initially internal collection of solid waste was managed by them systematically till handover the Z1-building to the Association and then it was managed by them. Now they are not aware of renewal of any such contract by the association. The PA has not installed any composting machinery for decomposition and reuse of bio-degradable waste at building premises of Phase-I. The committee has not seen any community dustbin has been placed outside of the building for separation and collection of domestic waste for phase-I. However, there is a newly purchased bio-degradable waste composting machines having capacity 1000 kg/day waste decomposition for the Phase-II building is already there to operate. The PA has informed that, the Phase-2 compost system having adequate capacity shall be made available to Phase-1 building for treatment of bio-degradable solid waste for composting through composting machines if, association desire. The PA has mentioned that compost machine for phase-II has been installed, which will be made fully operational by **30th June 2022**. However, the discussion with Phase-I Z1 Residents' Welfare Association will be made and a system will be explored to manage the solid waste generated from phase-I through this compost machine. Till the phase-I building handover to the Welfare Association with whom we had a contact was collecting the garbage regularly.
11. **Solar system or energy conservation:** There is no use of Renewable/Solar Energy in Phase-I building as it verified by the committee. The PA has explained that efforts were made by them initially (like individual lighting system), but the system did not work due to breakdowns. They are now planning to do the system along with Phase-II and will be done by them. PA was informed that has to install adequate no. of solar panel for light of street and common area of Phase-I building within **31th August 2022**.
12. **DG set Stack:** The DG set stack of phase-I is about 6 mtr as per compliance report and also found physically with roof coverage. Although it is not adequate, the distance from nearest building is over 50 meters. The PA was advised to adhere the commitments given to SEAC/SIEAA with regard to stack height even though it is away from the building also the RO, SPCB needs to check the same whether as per norm.
13. **Dust & Noise Pollution:** During inspection the committee has not such type of dust and noise pollution but during discussion the committee knows that there was complain for dust pollution and noise and accordingly the PA has been directed by SPCB for taking all preventative measures dust and noise pollution. Project Proponent has been advised verbally by SPCB to stop the construction work during mid-day time i.e. from 1.00 P.M. to 3.00 P.M. and after 9.00 P.M. till next morning so, that the Senior Citizen resting /sleeping period will not be affected.
14. The PA was asked to submit required documents with status of compliance report of EC which they have submitted. From this, it is found that while some of the work already has done and some works are yet to be executed. Reason of delay expressed by PA that due to Pandemic Covoid-19 and being an integrated project, some activities get delayed. However, PA has agreed to do the pending work with new timeline.
15. The joint committee inspection report has already been communicated to the Department of FE & CC, Govt. of Odisha and the Member Secretary, State Pollution Control Board, Odisha to initiate legal action against the PA under section 15 read with section 19 EP Act. 1986 as per the Govt. procedure.

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After that order came from Hon'ble NGT on 31.01.2022 for joint inspection as already the site inspected by the same joint constituted by Hon'ble NGT, so the committee suggested further inspection is not required and accordingly affidavit and inspection report filed by SEIAA, Odisha before Hon'ble NGT as a nodal agency for this case.

Now, Hon'ble NGT disposed the case with direction as follows:

- i. The SEIAA, Odisha, shall inspect the site in question within one month and verify whether installation of Solar Power Generation System for Phase-I and installation of Solar Water Heater which was required to be completed by 31.08.2022 as stated by the Project Proponent, has been completed and if not, appropriate penalty shall be imposed against the Project Proponent and the same shall be recovered within two months after giving him an opportunity of being heard.
- ii. The SEIAA, Odisha, is further directed to determine Environmental Compensation against the Project Proponent for failure to install the Solar System for energy conservation to the extent of 5% of total power as required by the Environmental Clearance conditions dated 16.08.2011 and action in this regard shall be taken within two months after giving the Project Proponent an opportunity of being heard.
- iii. With regard to completion of Green Belt and Avenue Plantation over at least 20% of the site area as required by the Environmental Clearance conditions dated 16.08.2011, the Committee constituted by the Tribunal is directed to re-visit the premises of the Project Proponent and verify whether at least 20% of the Green Belt has been achieved by the Project Proponent and if not, appropriate Environmental Compensation shall be determined against the Project Proponent and the same shall be recovered within two months after giving him an opportunity of being heard.

In view of the above the matter may place in the SEIAA, Odisha meeting for discussion.


Decision of Authority:

After detailed deliberation, the Authority decided to constitute a committee comprising with the following members: -

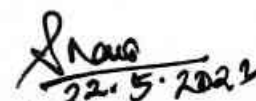
1. Prof. (Dr.) Bijay Kumar Satpathy (Member, State Level Expert Appraisal Committee)
2. Dr. Chittaranjan Panda (Member, State Level Expert Appraisal Committee)
3. Dr. Pradeepta Kumar Nayak (Environmental Scientist, SEIAA, Odisha)

The committee shall inspect the site and verify whether installation of Solar Power Generation System for Phase-I and installation of Solar Water Heater which was required to be completed by 31.08.2022 as stated by the PP, has been completed or not. The committee shall submit their report within 15 days.

APPROVED BY


Member Secretary, SEIAA


Member, SEIAA


22.5.2022
Chairman, SEIAA

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AGENDA NO.119.2

Proposal No.	SIA/OR/TND2/416669/2023
Date of Application	03.02.2023
File No.	416669/21-IND2/02-2023
Project Type	ToR
Category	B1
Project/Activity including Schedule No.	4(b) ii – Coal tar processing units
Name of the Project	Post Facto Environmental Clearance for Existing Coal Tar Distillation and its By-product plant of capacity (91,300 TPA input & 84,400 TPA output) for M/s Shobha Chemical Industries Pvt. Ltd. located at Plot No.- 667 & 659, Village-Jammal, P.O: Godigaon, Tehsil- Kolabira, District- Jharsuguda
Name of the company/Organization	M/s. Shobha Chemical Industries Pvt Ltd.
Location of Project	Village- Jammal, P.O: Godigaon, Tehsil- Kolabira, District- Jharsuguda
Name of the Consultant	M/s Visiontek Consultancy Services Pvt. Ltd, Bhubaneswar


Proposal in Brief:

1. Earlier the proposal was put up in the 112th meeting of SEIAA held on 27th -29th March, 2023 and the Authority had decided to issue ToR along with Public Hearing under violation case.
2. The ToR for the project was issued by SEIAA vide file no. SIA/OR/IND2/416669/2023 dated 17th April, 2023.
3. Now the PP has submitted a request vide letter no. SEIAA/OR/22-2023/01 dated 24.03.2023 for exemption of Public Hearing citing the Gazette Notification No. S.O. 2572(E) dated 14.09.2015 of MoEF&CC, in regard to all Standalone Pelletization plant and Notification No. S.O. 3250(E) dated 20.07.2022 in regard to all standalone re-rolling units or cold rolling units which are in existence and in operation on the strength of valid CTE & CTO.
4. The PP has submitted that the plant is also operating since 2016 with valid CTE & CTO granted by SPCB, Odisha.

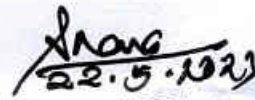
Decision of Authority:

The Authority examined the two-gazette notification of MoEF& CC submitted by project proponent. The Authority observed that notification dated 14.09.2015 relates to Standalone Pelletization plant and notification dated 20.07.2022 relates to standalone re-rolling units or cold rolling units. There is no mention of such exemption for existing Coal Tar Distillation and its By-product plant. Therefore, the request of PP for exemption of public hearing cannot be agreed upon. Further, no public hearing has been done for this project earlier, the PP is required to conduct the public hearing as per the ToR dated 17.04.2023 already issued by SEIAA, Odisha.

APPROVED BY


Member Secretary, SEIAA


Member, SEIAA


22.5.2023
Chairman, SEIAA

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AGENDA NO. 119.03	
Proposal No.	SIA/OR/CMIN/299041/2023
Date of application	29.03.2023
File no.	SIA/OR/CMIN/294782/2022
Project Type	Proposal for Amendment of EC
Category	B1
Project/Activity including Schedule No.	1(a) Mining of minerals
Name of the Project	Proposal for Amendment of EC of Nadira under found coal mining project of 0.33 MTPA in ML area 370 ha of M/s. Mahanadi Coldfield Ltd. Located in village Jambubahali, Danara, Badajorada and Natedi, Tahasil-Talacher, Dist-Angul(Odisha)
Name of the company/Organization	M/s. Nandira UG Mahanadi Coalfields Ltd.
Location of Project	Odisha
ToR Date	N/A
Name of the Consultant	M/s. Central Mine Planning and Design Institute Limited, Ranchi

Proposal in brief:

1. 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 amendment of EC of Nadira under found coal mining project of 0.33 MTPA in ML area 370 ha of M/s. Mahanadi Coldfield Ltd. Located in village Jambubahali, Danara, Badajorada and Natedi, Tahasil-Talacher, Dist-Angul(Odisha).
 - (ii) The project proponent has obtained EC from MoEF& CC vide EC letter no.F. No. J-11015/866/2007-IA(M) dated 2nd May, 2022 for Nadira under round coal mining project of 0.33 MTPA in ML area 370 ha of M/s. Mahanadi Coldfield Ltd. Located in village Jambubahali, Danara, Badajorada and Natedi, Tahasil-Talacher, Dist-Angul (Odisha).
 - (iii) In the EC letter dated 15th November, 2020 there is an EC conditions point no. 4. (i) in page no. 02 that "Construction of Sewage Treatment Plant (latest technology SBR/MBBR/MBR) should be completed by July 2021 and treated water shall be reused for plantation. As documentary proof, STP photograph after its commission to be submitted to RO, MoEF& CC with copies of its CTE and CTO" and point no. 4. (ii) that "Grant of CTO to the project shall be subject to fulfilment of condition no.1"
 - (iv) Operation status- non-operation
 - (v) Now, the PP has requested for amendment of EC on the point that Construction of STP by July' 21, earlier proposal for time line extension was submitted to MoEF&CC and the same was considered in 17th EAC meeting held on 09-10th August 2021 and further in 28th EAC held on 01st April 2022. Accordingly, the time line for construction of STP was extended earlier till April' 22 and further till Dec'22 vide EC letter dtd. 16-09-21 and 02-05-2022 respectively. Since instead of all efforts the STP is work is not going to be completed by Dec'22 therefore, the current proposal is for amendment in EC for further extension of timeline for another 4 months i.e. till April'23.
 - (vi) The proposal was placed in 105th SEIAA, Odisha meeting held 05/01/2023 and after detailed deliberations, the Authority **decided to allow for amendment of EC** vide letter

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no. F. No. J-11015/866/2007-IA(M) dated 2nd May, 2022 on point no. 4. (i)&(ii) for further extension of timeline for another 4 months i.e. till April 2023 for completion of the STP.

(vii) Now, the applied application for further extension of timeline till September 2023 for completion of the STP.

(viii) Any deficiencies/omission have been noticed in the above documents- Nil

The proposal was placed in the 118th meeting of SEIAA held on 06.05.2023 and the Authority observed that there is a specific conditions in the extension of validity of EC issued by MoEF& CC, Govt. of India dated 15th November, 2020 that in point no. 4. (i) in page no. 02 that

(i). Construction of Sewage Treatment Plant (latest technology SBR/MBBR/MBR) should be completed by July 2021 and treated water shall be reused for plantation. As documentary proof, STP photograph after its commission to be submitted to RO, MoEF& CC with copies of its CTE and CTO.

(ii). Point no. 4(ii) Grant of CTO to the project shall be subject to fulfilment of condition no. (i)''

In spite of this, the PP has been granted extension for this condition upto April 2023 by SEIAA, Odisha as per the request of PP. The PP vide their letter no. GM(TA)/ENVT/NDR/EC/2022-23/32 dated 22.03.2023 has submitted online application seeking further time extension for compliance to the above specific conditions issued by MoEF& CC but there is no new reason mentioned why it could not be completed within April 2023. Also, there is no assurance that the MoEF& CC condition will be complied within September 2023.

Therefore, the Authority **decided that no further extension is tenable** and the PP should submit full compliance of MoEF& CC conditions 4(i) & (ii) dated 15th November, 2020.

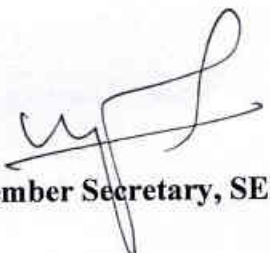
Whether SEAC recommended the proposal – The proposal was placed in the SEAC meeting held on 24.04.2023 and the SEAC recommended the proposal for amendment of EC for further extension of timeline for another 4 months i.e. till September 2023 for completion of the STP.

Decision Of Authority:

The Authority examined the submission dated 15.05.2023 of MCL mentioning about major safety issues in the mines due to "depillaring with caving method" and undertaking dated 15.05.2023 of the project officer, agreeing to submit a bank guarantee in support of commitment/undertaking in this regard.

After detailed deliberation in the matter, the Authority decided to allow amendment in EC on specific conditions no. 4(i) & (ii) of letter no. F. No. J-11015/866/2007-IA(M) dated 2nd May, 2022 issued by MoEF& CC to the extent that SPCB, Odisha may issue CTO upto September '2023 on submission of bank guarantee for an amount of Rs.42,05,757/-(i.e.,15% of the standard value of STP (MBR/MBBR/SBR) construction i.e., Rs. 2,80,38,380.92)

APPROVED BY


Member Secretary, SEIAA


Member, SEIAA


22.5.2023
Chairman, SEIAA

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AGENDA NO.119.04	
Proposal No.	SIA/OR/MIN/410834/2022
Date of application	10.01.2023
File No.	410834/779-MINB1/12-2022
Project Type	New proposal for EC
Category	B2
Project/Activity including Schedule No.	1(a) Mining of Minerals
Name of the Project	Proposal for grant of EC for Gandhargala Decorative Stone Quarry Lease Area Over 32.60 Acres or 13.193 Hectares Khata No: 54, Plot No: 1/P, 298/P, 299/P In Village Gandhargala, Ps-Titlagarh, District Balangir, Odisha- Violation case
Name of the company/Organization	MS RISHABH MINING PVT LTD
Location of Project	Odisha
ToR Date	N/A
Name of the Consultant	N/A

Proposal in brief:

1. This proposal is for environmental clearance of M/s Rishabh Mining Pvt. Ltd. for Gandhargala Decorative stone mines over an area of 32.60 acres or 13.193 Ha. at Village - Gandhargala, Tahasil - Titlagarh, Dist -Bolangir, Odisha of Sri Sumat Chand Jain.
2. This proposal falls under Category "B1", 1(a) - Mining of Minerals as per the EIA notification 2006 and its subsequent amendments.
3. **Status of Lease:** Gandhargala Decorative Stone Quarry over 32.60 acres or 13.193 hectares is located at Khata no: 54, Plot no: 1/P, 298/P, 299/P in village Gandhargala, P.S. Titlagarh, District Balangir, Odisha. The lease was originally executed on Dtd.16.12.1999 for a period of 10 years in favour of M/s Rishabh Mining Private Limited up to 15.12.2009 and presently is under the process of renewal. The lease is under subsistence vide letter no. M XIV (i) – 20/2009 5132 Dated 13.07.2021 issued by the Directorate of Mining Odisha, Bhubaneswar is attached for reference. As per Odisha Minor Mineral Concession Rule, 2016 the validity of lease is deemed to be extended up to Dtd.15.12.2029.
4. **Violation to EIA notification, 2006:** Gandhargala Decorative stone Mines was in operation from 2010 to 2014 without obtaining prior Environment Clearance from SEIAA, Odisha, as per EIA Notification 2006, thereby attracting the Violation to Environment Protection Act 1986. The matter was deliberated by SEAC in terms of provisions of the MoEF and CC, Govt. of India Notification dated 14th March 2017 and amendments thereto and confirmed the case to a violation of EIA Notification 2006. Based on the Assessment carried out by Hon'ble State Expert Appraisal Committee,
5. The EIA/EMP report is prepared in compliance with the approved Violation ToR issued by SEIAA, Odisha as per recommendation of SEAC vide letter no. 3994/ SEIAA dated 07.02.2022.
6. Based on the violation committed by the project proponent a damage assessment report and community resource augmentation plan has been prepared. Budgetary allocation for violation activity including the penalty amount is Rs. 30,50,557.00 (i.e. Budget under Remediation plan based on the damage assessment due to violation – Rs. 11,55,000+ Natural Resource Augmentation Plan – Rs. 14,80,000+ Penalty due to violation – Rs.4,15,557.00)
7. Further, the EMP cost proposed for the project will be 21.0 Lakhs as capital investment and 6.0 Lakhs/ Annum as recurring cost.
8. **Mining plan approval:** Approval of mining plan and PMCP in respect to Gandhargala, Decorative

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- stone mine over 32.60 acres or 13.193 hectares in village Gandhargala, under Titlagarh Tahasil of Balangir district of Rishabh Mining Private Limited for the period of 5 year has been approved vide letter no. 6244/DM, dated 18.08.2021.
9. Another mine of Midley Minerals over an area of 29.77 Ha located within 500m of project site. (EC granted vide letter no. SEIAA/2128 dated 27.10.2016). Hence the mines has not taken into cluster consideration. Further the quarry lease under consideration is granted before 9th Sept. 2013 before the applicability of cluster condition as per MoEF& CC notification S.O. 2269(E) dated 01.07.2016.
 10. There is no forest land within the mine area as certified by DFO, Balangir Forest Division.
 11. **Public hearing details:** The Public Hearing for Gandhargala Decorative Stone Mine over an area of 13.193 Ha. was conducted on 14.09.2022 at 10.00 A.M Gandhargala village of Balangir District. Attended by: 60 persons; Issues raised by 8 persons. Public Hearing Issues Are: Protection of natural environment, Pollution control, Protection of grazing land, and agricultural land, protection of existing plantation. Based on the public hearing a time bound action plan for complying the public demand has been prepared. A total cost of 14.80 Lakhs of rupees has been allocated for peripheral developmental activities by the project proponent.
 12. **Location and connectivity:** Mining lease over 32.60 acres or 13.193 hectares for decorative stone/Granite is located in village Gandhargala, PS Titlagarh, district Balangir, Odisha with Khata no: 54, Plot no: 1/P, 298/P, 299/P. The leasehold area features in Survey of India, toposheet No. 64P/4 and bounded by the latitudes of 20°13'53.5" & 20°14'13.7" N and longitudes of 83°02'28.4" & 83°02'51.4"E. Area of 13.193 hectares Government owned under the revenue head of "Abad Ajogya Anabadi". The entire area of 13.193 hectares is a barren hilly terrain. Highest and lowest altitudes are at 285m (highest) and 200m (lowest) above mean sea level. The nearest railway line is Titlagarh (10.87kms) while the nearest National Highway is NH -201 (18kms) and the nearest State Highway is SH 16 (9kms). Nearest major habitation - Gandhargala at a distance of 2 Km.
 13. The area is devoid of any stream. The drainage pattern of the area is dendrite. As the region shows an undulated hilly topography, there is neither any seasonal nor any perennial nalla flowing within the applied mining lease area.
 14. **Reserves:** The geological and mineable reserve of Gandhargala Decorative stone Mines over an area of 13.193 Ha is 667227cu.m and 442008cu.m respectively.
 15. **Mining method:** There will be excavation of decorative stone from the lease area through done by opencast and semi mechanized method. The project is proposed for Maximum production of decorative stone of 6006m³/annum when the mine is fully developed. Total excavation will be 20020 m³. Height and width of the benches will be kept at 6m each and overall slope angle will be 45° with the horizontal.

Year	Total Excavation (A)	Volume of Waste (70% of A)	Production of Decorative stone		
			Volume of presently non-saleable stone (5% of A)	Volume of usable / saleable decorative Stone (25% of A)	Total
			(m ³)	(m ³)	(m ³)
1 st Year	20,020	14,014	1,001	5,005	6,006
2 nd Year	20,020	14,014	1,001	5,005	6,006
3 rd Year	20,020	14,014	1,001	5,005	6,006

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4 th Year	20,020	14,014	1,001	5,005	6,006
5 th Year	20,020	14,014	1,001	5,005	6,006
Total	1,00,100	70,070	5,005	25,025	30,030

16. **Land use:** The land use plan is as per the following table.

Sl. No.	Type of land use	At present (ha)	At the end of plan period (ha)	At the end of Conceptual period (ha)
1	Area under excavation	0.490	1.247	2.752
2	Waste Dump	1.289	1.712	2.300
3	Mineral storage	Usable/saleable	0.500	0.500
		Presently-non saleable	---	0.080
4	Road	0.836	1.072	1.072
5	Infrastructure	0.005	0.055	0.055
---	Sub-total	3.120	4.666	6.759
6	Safety zone under plantation	---	0.400	1.208
7	Area remains as such	10.073	8.127	5.226
---	Sub-total	10.073	8.527	6.434
Total	---	13.193	13.193	13.193

17. **Water requirement:** Total water requirement for the project will be 3.5KLD out of which 1KLD will be required for drinking and domestic purpose and 1KLD for dust suppression and 1.5KLD for plantation purpose. Source of water will be Tanker and Rain water harvesting.
18. **Power requirement:** No electricity connection within ML area. However solar lights will be employed for day to day living purposes. Diesel requirement will be 1000 litres / month.
19. **Baseline study** was conducted during December 2021 – February 2022. Following results were obtained:
20. **Manpower:** The mining activity will generate employment for 40nos. of administrative staffs 04 nos, skilled worker 13 nos, and Semi-skilled 5 nos Employees.
21. **Solid waste management:** During the proposed plan period a total of 7329.00 m² of waste will generate due to course of mining. However about 40% of the generated waste will be utilized for maintenance and construction of the hual road, approach and existing roads in the surrounding area periodically.
22. **Greenbelt:** The program of afforestation is to plant 1200 saplings in the safety zone over an area of 4800sq.m. during the five-year plan period. Local species like Mango, Neem, Mahaneem, Chakunda, Gambhari& other related are proposed to be planted with 10m spacing between two consecutive saplings. Initially the plantation has been taken up in the safety zone. There was proposal to plant 500 numbers saplings over an area of 3250 m² Ha in the safety zone during the 1st 2 year of plan period. Spacing of the saplings was proposed to be kept at 2.5m.
23. **Project cost:** The overall estimated project cost is INR 400 lakhs. The capital cost for EMP is proposed as 21.0 Lakhs and recurring cost is proposed as 6.0 Lakhs.
24. **Environment Consultancy:** The proponent along with the consultant M/s Kalyani Laboratories Pvt.Ltd.,Bhubaneswar, made a detailed presentation before the SEAC.



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25. The SEAC observed the following:

- The proposal was considered by the State Level Expert Appraisal Committee (SEAC), Odisha in its meeting held on 22.11.2021 for appraisal of the proposal for ToR in pursuance of the MoEF&CC, Govt. of India Notification dated 14th March, 2017. The SEAC, after deliberations on the proposal in terms of the provisions of the Notification dated 14th March, 2017, confirmed the case to be of violation of the EIA Notification, 2006 and recommended for the following:
- (i) The State Government to take action against the project proponent under the provisions of section 19 of the Environment (Protection) Act, 1986, and further no Consent to Operate to be issued till the project is granted Environmental Clearance.
 - (ii) The project proponent shall be required to submit a bank guarantee equivalent to the amount of remediation plan and natural and community resource augmentation plan with the SPCB prior to the grant of Environmental Clearance. The quantum is recommended by the SEAC based on EIA report and finalized by the regulatory authority i.e. SEIAA, Odisha. The bank guarantee shall be released after successful implementation of the EMP, followed by recommendations of the SEAC and approval of the regulatory authority i.e. SEIAA, Odisha.
 - (iii) Public hearing has already been conducted for the proposal on 14.09.2022, a copy of which is also furnished with EIA/EMP.
- b) EIA/EMP study report has been prepared by a NABET Accredited / NABL Accredited Consultant namely **M/s Kalyani Laboratories Pvt.Ltd.Bhubaneswar.**
 - c) Detailed assessment of Ecological Damage, Remediation Plan and Natural and Community Resource Augmentation Plan has been incorporated in the EIA report.
 - d) An amount of ` 30, 50, 557.00/- (Rupees Forty three lakh only) has been estimated in the EIA / EMP report towards the cost of assessment of Environmental / Ecological damage due to violation as well as Natural and Community Resource Augmentation Plan (i.e. Budget under Remediation plan based on the damage assessment due to violation – Rs. 11,55,000+ Natural Resource Augmentation Plan – Rs. 14,80,000+ Penalty due to violation – Rs.4,15,557.00)
 - e) There is no specific guideline issued by the MoEF&CC, Govt. of India for assessment of Environmental and Ecological Damage as well as estimation of cost for remediation plan as well as Natural and Community Resource Augmentation Plan.
 - f) In the absence of any guidelines, the cost as suggested by the proponent in the EIA report above to be taken into account for remediation plan as well as Natural and Community Resource Augmentation Plan. However, the proponent has to abide by the guidelines if issued by the MoEF&CC, Govt. of India in future and accordingly the proponent has to comply. To this effect, they have to submit an undertaking in form of a legal affidavit.
 - g) No record is available in the file about initiation of legal action against the project proponent by the State Govt./SPCB under the provisions of section 19 of the Environment (Protection) Act, 1986 for violation of the EIA Notification, 2006. To this effect, they have to submit a legal affidavit that no legal action is either initiated or pending against them.
26. After detailed discussion, the SEAC recommended for grant of Environmental Clearance for Gandhargala Decorative stone mines over an area of 32.60 acres or 13.193 Ha. at Village - Gandhargala, Tahasil - Titlagarh, Dist -Bolangir, Odisha with the following specific conditions in terms of the provisions of the MoEF&CC, Govt. of India notification dated 14th March, 2017 and SoPs for violation cases issued by the MoEF&CC, Govt. of India in addition to the conditions stipulated as per **Annexure – D. However, the Environmental Clearance shall be issued by the SEIAA after receipt of relevant bank guarantee as stated above.**
- (i) The SEAC recommended for an amount of Rs. 30, 50, 557.00/- (Rupees Forty three lakh only) towards Remediation plan and Natural and Community Resource Augmentation plan as the proponent has gone for production without prior Environmental Clearance under EIA Notification, 2006.
 - (ii) The project proponent shall be required to submit a bank guarantee of an amount of



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- Rs. 30, 50, 557.00/- (Rupees Forty three lakh only) towards Remediation plan and Natural and Community Resource Augmentation plan with the State Pollution Control Board, Odisha prior to the grant of Environmental Clearance.
- (iii) The bank guarantee shall be released after successful implementation of the EMP, followed by recommendations of the SEAC, Odisha and approval of the regulatory authority (i.e. SEIAA, Odisha).
- (iv) The SEIAA, Odisha may consider to request to the Govt. in F&E Deptt., Govt. of Odisha to take action against the project proponent under the provisions of section 19 of the Environment (Protection) Act, 1986 for violation of the EIA Notification, 2006. Environmental Clearance is to be issued after initiation of legal action against the project proponent.
- (v) The proponent has to abide by the SoPs for violation cases issued by the MoEF&CC, Govt. of India.
- (vi) Following specific conditions to be stipulated in Environmental Clearance:
- (a) Haulage road shall be developed and maintained perennially and perpetually by the proponent in consultation with the concerned authority of the Govt.
- (b) CER related issues as per MoM of public hearing held on 14.09.2022 may be prescribed as special condition in EC.
- (c) 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 decorative stone quarry for ensuring that working personnel are not affected by silicosis.

The proposal was placed in the 112th meeting of SEIAA held on 27.03.2023 & 29.03.2023 and the Authority observed that the project cost mentioned in the final EIA & EMP report is **Rs. 4,00,00,000/- (Four Crore)** whereas, the project cost certified by Chartered Accountant is **Rs. 1,61,02,153/-**. The PP should clarify the above discrepancy.

Now the PP has submitted the ADS raised by SEIAA for consideration of EC.

Whether SEAC recommended the proposal – The proposal was placed in the SEAC meeting held on 14.02.2023 and the SEAC recommended the proposal for grant of EC with above additional conditions:

Decision of Authority:

The Authority observed that the intimation with respect to initiation of legal action taken report on the violation case is yet to be received from State Govt. of Odisha, F, E & CC Department with reference to SEIAA letter no.5659/SEIAA dated 04.04.2023. Until receipt of the same, the proposal is deferred to the next meeting.

APPROVED BY


Member Secretary, SEIAA


Member, SEIAA


22.5.2023
Chairman, SEIAA



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AGENDA No.119.05	
Proposal No.	SIA/OR/MIN/81100/2022
Date of Application	23.01.2023
File No.	Nil
Project Type	ToR
Category	B1
Project/Activity including Schedule No.	1(a)-Mining of Minerals
Name of the Project	Proposal for ToR for mining of stone from Kaithapalli&Padmapur Stone Quarries Cluster over an area of 43.862 Acres or 17.748 Ha in village-Kaithapalli&Padmapur, Tahasil- Konisi, District- Ganjam submitted under cluster approach with total area of cluster 17.748 Ha consisting of 8 stone quarries.
Name of the company/Organization	Applicant: Smt. SwapnaraniPattanaik (lessee) & Others (7 quarries in name of Tahasildar, Konisi).
Location of Project	village- Kaithapalli&Padmapur, Tahasil-Konisi, District- Ganjam

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 submitted for Terms of Reference(ToR) for mining of stone from Kaithapalli&Padmapur Stone Quarries Cluster bearing Khata no. 36 Plot no. 15/P/3,13/1,13, 9,89,350,15/P(B) & 15/2P (Kaithapalli) & Khata no. 577 Plot no. 803 & 1269 (Padmapur) over an area of 43.862 Acres or 17.748 Ha in village- Kaithapalli&Padmapur, Tahasil- Konisi in District- Ganjam submitted under cluster approach with total area of cluster 17.748 Ha consisting of 8 stone quarries filed by Smt.SwapnaraniPattanaik& Others.
- (ii) Lease area of lessee Smt.SwapnaraniPattanaik-Kaithapalli Stone Quarry-III is 5.00Acres or 2.023Ha
- (iii) The mine area is a part of the Survey of India Toposheet No. 74A/11,74A/12,74A/15 & 74A/16 bounded by Latitude:19°13'12.7" N to 19°13'32.96" N and Longitude: 84°47'20.6" E to 84°47' 50.20" E. The lease area Kissam is -Parbat tiniMelanapadhia&Gochara.
- (iv) The mining lease (8nos.quarries) is an identified sairat source in the DSR. The Kaithapalli&Padmapur Stone Quarries cluster consisting of 8 quarries sairat source will be leased out under the OMMC Rules, 2016 by Tahasildar, Konisi to the successful bidder(lessee) for a lease period of 5 years.
- (v) Documents submitted:- Form-1, PFR Distance Certificate from Tahasildar, checklist, Mining Plan and approval letter, DSR, Village sheet, Cluster certificate from Tahasildar, DLC certificate from Tahasildar, topo map etc.
- (vi) Distance from nearest sanctuary/ESZ-Lakhari valley WLS-44.50km
- (vii) Method of mining-semi-mechanized with blasting
- (viii) Distance from nearest road/river bridge-6.50km, village road-0.22 km
- (ix) Whether it is part of cluster -Yes
- (x) Whether lease area coming under DLC-No. as certified by Tahasildar

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- (xi) Whether EC obtained earlier-Yes, compliance report submitted.
- (xii) Date of approval of mining plan- JDG, O/o Joint Director of Geology, SZ, Berhampur in 2020&2022.
- (xiii) Production capacity per annum- 8000 cum/annum(max.), from cluster, total production in 5 years period- 34083 cum, Geological reserve- 1932505 cum and Mineable reserve- 1274125 cum.
- (xiv) 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**
- (xv) Project cost:The estimated cost of project is 1.40Crores. EMP cost -Not given
- (xvi) Any deficiencies/omission have been noticed in the above documents-Gocharakissam land involved (plot no-1269(padampur)), two quarries are near village road with distance <200meter,blasting involved.

The proposal was placed in the 111th meeting of SEIAA held on 21.03.2023 to 23.03.2023 and the Authority observed that the lease area contains "**Gochar**"kissam land for mining purpose. either the kissam of land shall be changed from Gochar or the mining plan be revised excluding Gocharkissam land in the lease area. Futher, the criterial for maintaining of minimum distance of 200 meters safety zone from village road and mining area should be adhored to for consideration of EC.

After detailed deliberation, the Authority decided **to issue EDS** to Thasildar/PPon the light of above points.

Now the PP has submitted the ADS letter for consideration of ToR.

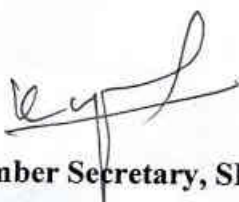
Whether SEAC recommended the proposal – Yes, SEAC have already recommended the specific ToR for such proposals(<25Ha) in its meeting dated 17.11.2020 and have also recommended that the SEIAA will consider such proposals in its meeting for issue of ToR.

Decision of Authority:

The Authority perused the reply of Tahasildar, Konisi letter dated 19.04.2023 stating that the source namely Padampur Stone Quarry over an area of 5.00 acres or 2.023 ha bearing Khata no. 577 and Plot no. 1269 belongs to Gochar land Kissam but now the source is proposed for extinction.

After detailed deliberation in the matter, the Authority decided that the PPis required to submit fresh revised proposal for ToR in cluster after excluding all GocharKissam land for mining.

APPROVED BY


Member Secretary, SEIAA


Member, SEIAA


22.5.2023
Chairman, SEIAA

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AGENDA No.119.06

Proposal No.	SIA/OR/MIN/80992/2007
Date of Application	24.08.2022
File No.	80992/735-MINB1/08-2022
Project Type	EC
Category	B1
Project/Activity including Schedule No.	1(a)-Mining of Minerals
Name of the Project	Proposal for EC for mining of iron ore & manganese for production of Manganese Ore 0.04 MTPA and Iron Ore 0.3 MTPA at Kolmong Iron & Manganese Block over an area of 218.481 ha (as per DGPS)/218.530 ha (as per RoR) (Forest: 155.326 Ha & Non-Forest:63.204 Ha) in village-Kolmong, Tahasil-Koira, District- Sundargarh.
Name of the company/Organization	Applicant: M/s. Yazdani Steel & Power Ltd; Sri. Binoda Kumar Acharya; GM cum Agent
Location of Project	Village-Kolmong, Tahasil-Koira, District-Sundargarh.

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 Environmental Clearance of M/s Yazdani Steel & Power Limited for Manganese Ore 0.04 MTPA and Iron Ore 0.3 MTPA at Kolmong Iron & Manganese Block over an area of 218.481 ha (as per DGPS)/218.530 ha (as per RoR) (Forest: 155.326 Ha & Non- Forest: 63.204 Ha) in village-Kolmong under KoiraTahasil of Sundargarh District.
- (ii) The project falls under category "B" or activity 1 (a) - Mineral of Minerals under EIA Notification dated 14th September 2006 as amended from time to time.
- (iii) Yazdani Steel & Power LTD. (YSPL) was awarded the Kolmong Iron & Manganese Block over an area of 218.481 ha (as per DGPS)/218.530 ha (as per RoR) in village-Kolmong under KoiraTahasil of Sundargarh district of Odisha being the successful bidder the lease was granted under Non captive category for 50 years.
- (iv) The vesting Order issued by the Nodal Officer, Steel and Mines Department, Government of Odisha vide No-4369/SM, dated 02.06.2020.Pursuant to the provisions contained in Rule 9A(2) of the Mineral (Other than Atomic and Hydrocarbon Energy Minerals)Concession Rule,2016 order that all the valid rights, approvals, clearances, licenses and the like vested in the previous lessee in respect of the Kolmong Iron & Manganese Block are deemed to have vested in favour of the holder of the letter of intent on the same terms and conditions of every rights, approvals, clearances, licenses and the like which vested with previous lessee.
- (v) Modified Mining Plan along with Progressive Mine Closure plan was obtained under Rule 23 of MCDR, 2017 form IBM, Bhubaneswar vide letter no MP/A/26-OR/BHU/2020-21 date 20.11.2020 for production of 0.04 MTPA Manganese Ore and 0.3 MTPA Iron Ore with Opencast Fully Mechanized Mining Method. for the period of 202021-2024-25. In order to regularize the statutory provisions, it is proposed to obtain Environmental Clearance for proposed production as per approve mining plan and ToRs Vide no F.No.J11015/05/2021-

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- Ia.II(M) dated 4th March,2021 to prepare EIA/EMP report as requirement of Environmental Clearance. Baseline data for environmental parameters was collected during October to December,2020 and public hearing was held on 20th December,2021
- (vi) Kolmong Iron & Manganese Block spreads over an area of 218.481 ha (as per DGPS)/218.530 ha(as per RoR) (Forest: 155.277 Ha & Non-Forest: 63.204 Ha) in village-Kolmong under KoiraTahasil of Sundargarh district of Odisha, The lease area is moderately flat, though there are occasional mounds within the area, studded with flat topped low ridges, reassembling a relict type of topography controlled by differential hardness of rocks. The maximum RL of the area is 654m at the southern part of lease area and the minimum RL of the area is 576m. The area falls in Survey of India Toposheet no.73 G/5. The area is bounded by latitude 21°56'20.01" to 21°57'32.24" N Longitude 85° 18'24.54" to 85°19'22.72"E. The Nearest railway station Barbil is 28 Kms from the lease, to connect Tata Nagar, Kolkata & Bhubaneswar.
- (vii) The nearest important public road is National Highway-215 connecting Panikoili to Rajamunda at an distance of 5 km . Bhubaneswar airport (340 km away) is the nearest airport from the area. There is an airstrip/helipad near Bhadrasahi, Barbil which is around 18 km from the lease area
- (viii) There is no perennial river or water body in the project area. The major drainage channel of the area is kundranala which is located in the eastern and south-eastern side of the lease hold area.
- (ix) Date of execution of Lease is 30.06.2020 and valid for 50 years upto 30.06.2070.
- (x) ML area: 218.481 ha(as per DGPS)/218.530 ha(as per RoR) (Forest: 155.277 Ha & Non-Forest: 63.204 Ha)
- (xi) Capital cost of the project is estimated to be Rs. 68.50 Crore, and Capital cost for EMP is estimated to be 3.16 Crore and annual recurring cost is 0.53 Crore
- (xii) Mining operation is semi mechanized opencast with both mechanized and manual excavation of manganese ore, manual breaking, sorting & sizing of manganese ore. Development work will be done by excavator (0.9 m3) and tipper combination. Similarly for iron ore, the production of ROM will be carried out by dumper shovel configuration and the processing will be carried out by mechanized method. During the proposed mining operation period, total maximum ROM of Iron Ore will be handled 1.0498 Million Ton from in-situ ore zone and Maximum 0.2 Million Ton ROM for Manganese Ore. The mining operation will be of one shift.
- (xiii) Total 64.633 ha. Land will be proposed to be excavated to mine the Manganese ore. So, it is estimated that from 2020-21 to end of life of mine 1,03,02,939m3 of waste will be generated during mining operation. Out of total waste generation of waste 95,22,919 m3 will be used for backfilling the exhausted quarry. The balance 7,80,020m3 will be dumped on external dumps.
- (xiv) Electricity requirement: The electricity is supplied to the project by WESCO through 1 nos. transformers of capacity 1500 KVA /day inside the lease hold. Solar system shall be installed for lighting at admin building and other mining area. 500KVA of DG Set available in the mine for stand by purpose.
- (xv) H.S.D. requirement: Requirement of H.S.D is 11.0 KLD
- (xvi) Manpower requirement of project is 316 nos
- (xvii) Peak Water Requirement of the project is 173 KLD and average water requirement of the project is 86 KLDB
- (xviii) Before auction and total 53.540 ha of area has been already utilized and as per present mining plan additional 26.417 ha shall be utilized and 138.573 ha shall be remain unutilized
- (xix) Based on the Geological Report as supplied by the State Govt., the total resources of ROM (under G2 Level) for both high grade & low grade of Mn ore as on 01.01.2019 was 37,23,658 (MT) and Iron Ore 13,97,650 (MT). After depletion upto 31.03.2020 by the previous lessee,

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- the resource of Manganese Ore was 3722397 MT and the Iron Ore was 1397650 MT (no depletion of iron ore).
- (xx) As on 01.10.2020, the residual reserved Manganese Ore is 34,24,605 MT and considering the target production of 40,000 MT per year, the life of mine will be 85.66 year.
- (xxi) As on 01.10.2020, the residual reserved Iron Ore is 12,57,585 MT and considering the target production of 3,00,000 MT per year, the life of mine will be 4.19 year.
- (xxii) The life of mine will be increased, If the reserve will increase due to proposed future exploration
- (xxiii) The Kolmong Iron & Manganese Ore Mine is 'A'-OTFM category mine and mining operation is semi-mechanized open cast.
- (xxiv) Manganese ore is soft in nature and generally occurs in small pockets. Grade of the ore also varies widely within the ore pockets. The iron ore deposit has also been proposed for semi-mechanized open cast mining. Excavator (0.9m³) and dumpers combination will be used for development of benches in both waste and ore.
- (xxv) Deep hole drilling & blasting will be occasionally used to dislodge the hard strata. Rock breaker has been utilized in the area where blasting is not possible. As the manganese ore occurs in the form of small and big pockets in this area, mining operation is of mixed type.
- (xxvi) In this mine, Manganese ore pockets and iron ore (ROM) will be excavated out by excavator (0.9m³). Then the excavated ROM (Mn) ore material goes to manual ore sorting / sizing yard for sorted out the manganese ore lumps from ROM ore material and the iron ore (ROM) shall be crushed and screened in different size and grade as per the nature.
- (xxvii) These manganese ore lumps will be then stacked separately as per the grade. The sub grade/ low grade manganese ore are stacked separately. Manganese ore fines are also stacked separately. Then the sized manganese ore are loaded into truck either manually or through machine for dispatch to buyer's destination.
- (xxviii) The waste material is dumped in Dump-D1 & D3 as well as utilized for the backfilling of part of Quarry-6 & 7.
- (xxix) Regarding mining operation, excavator of capacity 0.9m³ and tippers of capacity 20 MT will be used for excavation and transportation of wastes & ROM ore. In the quarry bench height will vary from 3 to 4 m and width will vary from 6-10 m. If necessary, 4 m bench will be divided into small benches. Dump leveling and dump terracing will be done through dozer as per requirement. During the proposed plan period maximum annual production of Manganese ore will be 40,000 MT & Iron Ore will be 3,00,000 MT per annum
- (xxx) During proposed period of mining operation total handling of Iron Ore (ROM) from the mine will be around 3,00,000 (MT) and the production of Manganese ore will be around 40,000 MT obtained from insitu body.
- (xxxi) During the proposed period of mining operation four nos of quarry will operate namely New Pit, Quarry 6 & 7, Dhandariya Pit & Magazine Pit for Mn Ore & Quarry namely New Pit & Dhandariya Pit for Iron Ore. The mining operation will be carried out by Sovel & Tipper combination for excavation of both Ore & Waste.
- (xxxii) The excavator of capacity 0.9 m³ will be used for feeding of ROM to screening & crushing plant for Iron Ore & the Mn ore will be processed manually.
- (xxxiii) Rock breakers are used to avoid secondary blasting as per the requirements. .
- (xxxiv) There will be no change in proposed method of mining.
- (xxxv) This working mine shall bring tremendous benefits in the area like:
- (xxxvi) Direct employment opportunities for more than 500 persons.
- (xxxvii) Indirect employment for more than 3000 persons through various service related activities connected with the project operations
- (xxxviii) Improvements in infrastructure in the area Road Network, Water supply to villages through Water tankers & overhead tanks with pipe lines, Electricity facilitation, Healthcare, Education,

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- (xxxix) Other Social Welfare Activities Providing certain facilities for the local panchayats.
- (xl) Financial gains for the state and central Governments, through collection of various taxes like royalty, GST, DMF and NMET (National Mineral Exploration Trust) etc., Increase in General Awareness of the People
- (xli) Improvement of the General Living Standard of the People in the Vicinity.
- (xlii) Generation of self-employment through self-help groups.
- (xliii) Improvement in Per Capita Income.
- (xliv) The user agency as well as Govt of Odisha will be benefitted financially due to the commencement of project
- (xlv) Environmental protection as well as the development of the people will be worked in a systematic manner at the block/regional level for overall benefit of the society, region, district and state. The Company will extend their co-operation and assistance in sharing the relevant data/ information/ reports/ documents etc. for continuous improvement of Sustainable Environment Development Plan for economic growth in the mining sector.
- (xlvi) The Environment Consultant M/s Ardra Consulting Services Pvt. Ltd. Bhubaneswar along with the proponent made a detailed presentation on the proposal before the Committee on 02.09.2022.
- (xlvii) The PP submitted ADS to SEAC on 28.12.2022 & 04.04.2023.
- (xlviii) Any deficiencies/omission have been noticed in the above documents- ToR compliance may be reviewed. Earlier EC dt. 2009 granted over 113.375 Ha for production of Manganese ore from 12000 TPA to 40163 TPA.

The proposal was placed in the 117th meeting of SEIAA held on 02.05.2023 & 03.05.2023 and after detailed deliberation, the Authority observed the following:

- 1) The Kolmong Iron & Manganese Block is an auctioned mines which has been acquired by M/s. Yazdani Steel & Power Ltd. and a vesting order issued vide letter no. 4369/SM, dated 02.06.2020 acquiring all valid rights, approvals, clearance, license with the previous lessee for a period of 2 years from the date of execution of lease deed or till the date of forest approval or clearance. licences.
- 2) As per the MoEF& CC, FC Division vide File no. F.No.11-97/2018-FC dated 08.02.2021 in Para (ii), for undertaking mining operation as per changed land use envisaged in new mining plan, the user agency needs to seek prior approval under the Forest (Conservation) Act. 1980 within the stipulated period of 2 years.

In the light of above guideline of MoEF&CC, the PP is required to clarify FC (Part/full) for Kolmong Iron & Manganese Block in their favour from MoEF& CC for further consideration of the proposal.

Now the PP has submitted the ADS letter for consideration.

Whether SEAC recommended the proposal – Yes, the SEAC have recommended for grant of Environmental Clearance with stipulated conditions and following specific conditions.

- a) The proponent shall utilize different grades of iron ore (ROM) and Manganese ore (ROM) and waste generated according to IBM guidelines.
- b) The proponent shall carryout compensatory afforestation for the project site.
- c) The proponent shall adopt additional measures for dust suppression.
- d) Conversion of Gochar / Grazing land involved if any in lease area shall be made before going for mining activity.
- e) Rainwater harvesting structures shall be implemented.
- f) The lessee shall take adequate safeguard measures to ensure the free flow of the 3 nearby tributaries/nallahs.

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- g) Only shrubs can be planted in between stone patching.
h) The FC is limited to secondary crushing and screening operations (dry process) as per approved mining plan. Under no circumstances, the lessee shall carry out any beneficiation activity (wet process) of low-grade ore.
- i) All the ores (45-55) and +55 grades shall be used and ores & rejects shall be transported as per approved mining plan for their use. Only temporary stacks shall be operated. The mine shall avoid segregation & generation of fines and flow of silt during rainy session.
 - j) Green processes like Controlled drilling, Environment friendly blasting, safe transportation and conveying, silt-management shall be followed as per guidelines.
 - k) Compliance Report specific to water balance as per actual and layout plan as per progressive mining plan shall be submitted periodically and obtain compliance report.
 - l) Proper settling pond of adequate capacity shall be provided and water quality of settling pond shall be monitored regularly.

Decision of Authority:

The Authority examined the letter dated 10.05.2023 of PP and decided that the PP is required to submit transfer of forest clearance (FC) in their favour along with certified compliance report of previous EC for further consideration.

APPROVED BY


Member Secretary, SEIAA


Member, SEIAA


Chairman, SEIAA
22.5.2023



Agenda of 119th Meeting of SEIAA, Odisha Held on 17.05.2023&18.05.2023

AGENDA NO.119.07	
Proposal No.	SIA/OR/MIN/294017/2022
Date of application	21.03.2023
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 Singuri sand bed over an area 5.00 acre or 2.023 Ha. at Singuri under BarkoteTahasil District Deogarh, Odisha
Name of the company/Organization	Sri Smita Ranjan Kar At-Singuri Po/Tahasil-Barkote, Dist-Nayagarh
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 Singuri sand bed over an area 5.00 acre or 2.023 Ha. at Singuri under BarkoteTahasil District Deogarh, Odisha.
- (iii) Documents submitted: Application in Form-7, earlier EC copy, Tahasildar forwarding letter, Status of quarry and scrutiny of Rs. 2000/- vide e-Challan Ref. No. 337B74035C dated 14.11.2022
- (iv) The EC of Singuri sand bed over an area 5.00 acre or 2.023 Ha. at Singuri under BarkoteTahasil District Deogarh, Odisha was in favour of Tahasildar, Barkotevide SEIAA letter no. 428/SEIAA dated 08.02.2021.
- (v) Present status of quarry- operation without transfer of EC
- (vi) Whether submitted KML file-Yes
- (vii) The Lessee has extracted 2000 cum sand and also EC granted for 2000 cum/annum sand
- (viii) Now, the project proponent applied proposal for transfer of EC from the name Tahasildar, Barkoteto Sri Smita Ranjan Kar, (highest bidder/lessee) with attaching Tahasildar forwarding letter vide letter no. 2906 dated 03.11.2022.
- (ix) The proposal was placed in 111th SEIAA meeting held on 21.03.2023 and the Authority deliberated on the matter and observed that the PP has operated the mines without transfer of EC which falls under violation case as per the provision of Ministry's O.M vide F. No. 22-21/2020-IA.III dated 07.07.2021 for non-compliance of EC stipulated conditions. Hence the Authority decided that the EC granted by SEIAA, Odisha vide EC no. 428/SEIAA dated 08.02.2021 be kept in abeyance till compliance of penalty levied as per SOP dated 07.07.2021 issued by Ministry and the PP may be asked to submit information on the following points: -
 - a) A certified report from Chartered Accountant (CA) regarding the total project cost incurred from 08.02.2021 to till the date of filling the transfer application.
 - b) Total turnover during the period of operation of the quarry.
- (x) The PP has submitted compliance of our EDS letter dated 04.04.2023 and submitted report with mentioned that total project cost is **Rs.72,55,000/-** and total turnover is **Rs. 43,77,100/-** through Chartered Accountant forwarded by Tahasildar, Barkote.
- (xi) The PP also submitted replenishment study report with mentioned that pre-monsoon the mineral reserve is **579 cum** and post-monsoon mineral reserve is **710 cum**.
- (xii) Any deficiencies/omission have been noticed in the above documents- Nil

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Whether SEAC recommended the proposal – N/A

Decision Of Authority:

The authority observed that this is a violation case as the quarry has been operated without transfer of EC in favour of lessee/successful bidder.

- (i) After detailed discussion, the Authority decided to allow transfer of EC of the said proposal as per the MoEF& CC, Govt. of India O.M. no. F. No. 22-21/2020-IA.III dated 07.07.2021 regarding Standard Operating Procedure (SOP) for identification and handling of violation cases under EIA Notification 2006 and in accordance with the order of Hon'ble National Green Tribunal subject to remittance of total penalty amount of **Rs.83,492.75/-** (i.e. 1% of the total project cost of Rs. Rs. 72,55,000/- + 0.25% of the total turnover during violation period of Rs. 43,77,100/-) to State Pollution Control Board (SPCB), Odisha.
- (ii) Transfer of EC shall be issued on submission of proof regarding the same. No further reference to SEIAA, Odisha meeting is required.
- (iii) Since, no conclusion can be drawn on the Annual Rate of Replenishment Study (ARRS) Report submitted by the PP, the transfer of EC is allowed to extract of quantity 500 cum of sand (i.e. 25% of the 1st year production (2000 cum) in EC) for 2nd year lease period. The ARRS report to be submitted through ORSAC empanelled agency by **31st March 2024**.

APPROVED BY


Member Secretary, SEIAA


Member, SEIAA


Chairman, SEIAA

Agenda of 119th Meeting of SEIAA, Odisha Held on 17.05.2023&18.05.2023



AGENDA NO.119.08	
Proposal No.	SIA/OR/MIN/300015/2023
Date of application	10.05.2023
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 Govindpur Stone Quarry over an area of 1.00 acres or 0.404 ha at village-Govindpur, Tahasil-Nandapur, Dist-Koraput
Name of the company/Organization	Sri Santosh Kumar Sahoo S/o-Sri Subash Chandra Sahoo, At-DP Camp, Kulabir, PO/Ps-Padwa, Dist-Koraput
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 Transfer of EC of Govindpur Stone Quarry over an area of 1.00 acres or 0.404 ha at village-Govindpur, Tahasil-Nandapur, Dist-Koraput.
- (ii) Documents submitted: Application in Form-7, earlier EC copy, Tahasildar forwarding letter, Status of quarry and scrutiny of Rs. 1000/- vide e-Challan Ref. No. 35AB715121 dated 09.05.2023
- (iii) The EC of Singuri sand bed over an area 5.00 acre or 2.023 Ha. at Govindpur Stone Quarry over an area of 1.00 acres or 0.404 ha at village-Govindpur, Tahasil-Nandapur, Dist-Koraput was in favour of Tahasildar, Nandapur vide SEIAA letter no. 10057/SEIAA dated 14.12.2020.
- (iv) Present status of quarry- non-operating
- (v) Whether submitted KML file-Yes
- (vi) Now, the project proponent applied proposal for transfer of EC from the name Tahasildar, Nandapur to Sri Santosh Kumar Sahoo, (highest bidder/lessee) with attaching Tahasildar forwarding letter vide letter no. 875 dated 26.04.2022.
- (vii) 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 earlier with the following additional conditions within 6(six) months:

- 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.
- 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 info.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

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@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.50,000/- 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.

The above compliance shall be uploaded/submitted by PP in the Parivesh Portal of MoEF& CC. and a copy of the compliance report shall be email to Email-info.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.119.09	
Proposal No.	SIA/OR/MIN/300030/2023
Date of application	10.05..2023
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 Kharabhuin - II Stone Quarry over an area of 7.00 acres or 2.833 hectares bearing Khata no. 193, Plot no. 1463/A in Kharabhuin village of HarabhangaTahasil, District- Boudh State Odisha
Name of the company/Organization	Sri Budhi Sagar Mishra(Authorized Person) M/s. SRC Company Infra Pvt. Ltd. S/o-Mrutyunjaya Mishra At-Biramchnadrapur, Po/Dist-Boudh-762014
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 Transfer of EC of Kharabhuin - II Stone Quarry over an area of 7.00 acres or 2.833 hectares bearing Khata no. 193, Plot no. 1463/A in Kharabhuin village of HarabhangaTahasil, District- Boudh State Odisha.
- (ii) Documents submitted: Application in Form-7, earlier EC copy, Tahasildar forwarding letter, Status of quarry and scrutiny of Rs. 1000/- vide e-Challan Ref. No. 35AB80EDC1 dated 10.05.2023
- (iii) The EC of Singuri sand bed over an area 5.00 acre or 2.023 Ha. at Kharabhuin - II Stone Quarry over an area of 7.00 acres or 2.833 hectares bearing Khata no. 193, Plot no. 1463/A in Kharabhuin village of HarabhangaTahasil, District- Boudh State Odisha was in favour of Tahasildar, Harabhangavide SEIAA letter no. EC23B001OR137306 dated 17.01.2023.
- (iv) Present status of quarry- Non-operating
- (v) Whether submitted KML file-Yes
- (vi) Now, the project proponent applied proposal for transfer of EC from the name Tahasildar, Harabhangato Sri Budhi Sagar Mishra, (highest bidder/lessee) with attaching Tahasildar forwarding letter vide letter no. 1606 dated 06.05.2023.
- (vii) The PP has submitted compliance of EC conditions on point no. 7.1 to 7.6 of part-B.
- (viii) 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 six monthly fully compliance report of the stipulated conditions of EC issued earlier vide no. EC23B001OR137306 dated 17.01.2023.

APPROVED BY


Member Secretary, SEIAA


Member, SEIAA


Chairman, SEIAA

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AGENDA NO.119.10

Proposal No.	SIA/OR/MIN/298616/2023
Date of application	10.05.2023
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 Adaspur-Arisol Sand Quarry over an area of 12.30 acres or 4.98 hectares in village Adaspur&Arisol under KantapadaTahasil in Cuttack District Odisha
Name of the company/Organization	Sri Bijan Kumar Barik S/o-Rasananda Barik F;at No. 203, Block-1,
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 Transfer of EC of Adaspur-Arisol Sand Quarry over an area of 12.30 acres or 4.98 hectares in village Adaspur&Arisol under KantapadaTahasil in Cuttack District Odisha.
- (ii) Documents submitted: Application in Form-7, earlier EC copy, Tahasildar forwarding letter, Status of quarry and scrutiny of Rs. 2000/- vide e-Challan Ref. No. 359FC29630 dated 13.03.2023
- (iii) The EC of Singuri sand bed over an area 5.00 acre or 2.023 Ha. at Adaspur-Arisol Sand Quarry over an area of 12.30 acres or 4.98 hectares in village Adaspur&Arisol under KantapadaTahasil in Cuttack District Odisha was in favour of Tahasildar, Kantapadavide SEIAA letter no. 1173/SEIAA dated 30.032021.
- (iv) Present status of quarry- operation without transfer of EC
- (v) Whether submitted KML file-Yes
- (vi) The PP allowed to extract 5000 cum sand in 1st year and with condition in EC that pending carrying out of the study & submission of the replenishment study report, this clearance is being granted in an adhoc manner and is liable to be revoked after one year i.e. **after 15th may, 2022** if satisfactory replenishment study report is not submitted.
- (vii) The PP extracted **4867 cum** sand for 1st year lease period
- (viii) Now, the project proponent applied proposal for transfer of EC from the name Tahasildar, Kantapadato Sri Bijan kumar Barik, (highest bidder/lessee) with attaching Tahasildar forwarding letter vide letter no. 641 dated 09.03.2023.
- (ix) The proposal was placed in 111th SEIAA meeting held on 21.03.2023 and the Authority PP has operated the mines without transfer of EC which falls under violation case as per the provision of Ministry's O.M vide F. No. 22-21/2020-IA.III dated 07.07.2021 for non-compliance of EC stipulated conditions.
- (x) The PP submitted Suo-moto declaration and submitted report with mentioned that total project cost is **Rs.63,47,001/-** and total turnover is **Rs.64,02,200/-** - through Chartered Accountant forwarded by Tahasildar, Kantapada.
- (xi) Any deficiencies/omission have been noticed in the above documents- Nil

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Whether SEAC recommended the proposal – N/A

Decision Of Authority:

The authority observed that this is a violation case as the quarry has been operated without transfer of EC in favour of lessee/successful bidder.

- (i) After detailed discussion, the Authority decided to allow transfer of EC of the said proposal as per the MoEF& CC, Govt. of India O.M. no. F. No. 22-21/2020-IA.III dated 07.07.2021 regarding Standard Operating Procedure (SOP) for identification and handling of violation cases under EIA Notification 2006 and in accordance with the order of Hon'ble National Green Tribunal subject to remittance of total penalty amount of **Rs.39,738/-** (i.e. **halves of 1%** of the total project cost of Rs. Rs. 36,47,001/- + 0.25% of the total turnover during violation period of Rs. 64,02,200/-) to State Pollution Control Board (SPCB), Odisha.
- (ii) Transfer of EC shall be issued on submission of proof regarding the same. No further reference to SEIAA, Odisha meeting is required.
- (iii) Since, no conclusion can be drawn on the Annual Rate of Replenishment Study (ARRS) Report submitted by the PP, the transfer of EC is allowed to extract of quantity 1250 cum of sand (i.e. 25% of the 1st year production (5000 cum) in EC) for 2nd year lease period. The ARRS report to be submitted through ORSAC empanelled agency by **31st March 2024**.

APPROVED BY


Member Secretary, SEIAA


Member, SEIAA


Chairman, SEIAA
20.5.2023

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AGENDA No.119.11	
Proposal No.	SIA/OR/MIN/412021/2022
Date of Application	26.12.2022
File No.	412021/779-MINB1/12-2022
Project Type	EC
Category	B1
Project/Activity including Schedule No.	1(a) Mining of minerals
Name of the Project	Proposal For Environmental Clearance (EC) of Parsurampur Decorative Stone Mines for Production of 24,992 Cum/Annum decorative stone, over an area of 10.513 Ha. located In Village – Parsurampur, Tahasil -Paralakhemundi, District -Gajapati of Sri SaptagiriKonchada(lessee)
Name of the company/Organization	Parsurampur Decorative Stone Mines
Location of Project	Tahasil-Paralakhemundi, District-Gajapati
ToR Date	19.07.2022
Name of the Consultant	M/s Centre for Envotech and Management Consultancy Pvt. Ltd., Bhubaneswar

1. This is a proposal for EC of production of Decorative Stone from Parsurampur Decorative Stone with Production Capacity of 24,992 cum/annum of decorative stone over a mining lease area 10.513 ha. located in Village – Parsurampur, Tahasil -Paralakhemundi, District -Gajapati of Sri SaptagiriKonchada(lessee).
2. Parsurampur Decorative Stone Deposit is a fresh mining lease granted and executed for PL on 25.07.2008 in favour of K. Saptagiri. After the prospecting operation, in response to grant the ML for a period of 20years, the lease terms & condition letter has been issued by the Department of Steel & Mines, Govt. of Odisha vide their letter no. 9389/SM. dated 16.11.2016.
3. Mining plan for Parsurampur Decorative Stone Deposit was approved by the Director of Mines, Odisha vide letter no. MXXII-(a)-7/2017 2096 DM., Dt.23.03.2018.
4. Location and Connectivity: The lease area comprises of two hill ridges in the revenue village of Parsurampur, coming under ParalakhemundiTahasil of Gajapati district. The geo coordinates for the project are Latitude: 18^o 48' 01.7" N to 18^o 48' 16.4" N & Longitude: 84^o 05' 59.4" E to 84^o 06' 17.8" E & can be seen in SOI toposheet No. 74 B/1 (E45G1). The ML area of 10.513 ha. comprises of entirely of Govt. land i.e. Anabadi Parbat type land. The DFO, Paralakhemundi Division, vide letter no. 1379/4F, dated 1st March, 2008 has certified that the lease area is non forest land. The nearest habitation is Parsurampur village, at a distance of 400m in SE. This project site is 2.5km from Paralakhemundi town and connected to district Gajapati, through all weather road. NH-326A (originates from Mohana in Odisha & ends in Narasannapeta of Andhra

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Pradesh) is at a distance of 1.5km whereas Parlakhemundi – Pudini road via Parsurampur, passes adjacent to the western boundary; it originates from Paralakhemundi town and joins NH- 326A at Pudini junction, 2.5km away in SE direction.

5. Topography and Drainage: The ML area comprises of two hill ridges thus has boulder hill topography; highest altitude of the area is 185m AMSL in the SE of the hill and lowest altitude point is at 100m AMSL in NW side. The drainage pattern of the region is dendritic. The lease area is devoid of any perennial /seasonal nala. The major drainage system of the area is MahendraTanaya River, which flows at a distance of 4km from the ML area in north-east to south-west direction.

6. There is no National Parks /Sanctuaries, Biosphere Reserves, Wildlife Corridors, Tiger Reserves within 10 Km radius of the mining lease area in Odisha.
7. ToR Details: Terms of Reference (TOR) was issued by SEIAA, Odisha vide Letter No. 4915/SEIAA, on dated 19.07.2022 for undertaking detailed EIA study for the project.
8. Public Hearing details: Public Hearing for Parsurampur Decorative Stone Mines was conducted on 18.10.2022 at 11.00 A.M. in the community hall of Puduni village. The major issue raised during public hearing were on provision of drinking water, developing drainage facility, road maintenance, medical facility, etc. The PP has committed to comply the issues raised during public hearing. A total amount of Rs. 11 lakhs will be spent under CER for various socio-economic activities, whereas Rs. 7.3 lakhs will be spent annually towards regular maintenance & recurring activities.
9. Reserves: As per the estimation, the geological reserve is estimated to be 37,00,990.0 m³ total rock mass and recoverable decorative stone is 9,25,247.0 m³ & Mineable reserve is found to be 20,06,430.0 m³ total rock mass and recoverable decorative stone is 5,01,607.5 m³.
10. Mining method and production: The lessee has proposed to extract decorative stone blocks and tiles from Parsurampur Decorative Stone Deposit within the lease area of 10.513 ha. by opencast semi-mechanized mining method in single shift involving drilling, cutting & transportation only. The mining process shall not include blasting, crushing, beneficiation, etc. The mine shall be developed to produce 24,992 cum /annum of Rock, out of which 6,248 cum (25% of the extract) will be marketable rock & 18,744 cum will be waste. About 40% of the total waste proposed to be utilized for construction & maintenance of road within & outside the lease area. During the process of mining, the only solid waste material to be produced is the unused rock material. Year Wise Production of Stone is given in below table:

Production Year	Volume of Rock (in m ³)	Volume of Marketable Rock (in m ³)	Volume of Waste (in m ³)
1 st Year	24250.00	6062.50	18187.50
2 nd Year	24500.00	6125.00	18375.00
3 rd Year	24650.00	6162.50	18487.50
4 th Year	24750.00	6187.50	18562.50
5 th Year	24992.00	6248.00	18744.00

11. Mine development and bench geometry: The mine will be developed to produce 24,992 m³

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/annum of rock, of which 6,248 m³ /annum i.e. 25% of the excavated rock will be sold as marketable rock whereas balance 18,744 m³ /annum i.e. 75% of the excavated rock will be stacked as waste. The benches will be developed along the counters. Height & minimum width of the benches are proposed to be 3m each with 45° as overall bench slope; width will be 3m or more than the height. Benches will be developed in a down to top manner.

12. Life of mine: Considering the average rate of production of decorative stone during the proposed plan period @ 6157 cum /annum, the life of the mine will be about 81 years.
13. Land use breakup: An area of 8.975 ha. land is likely to be degraded/ utilized for mining till the conceptual period. Presently, an area of 0.118 ha. out of the total leasehold area of 10.513 ha. is already degraded due to illegal mining activities & removal of rough blocks during reserve estimation.

Details of the Land Utilization plan

Sl. No.	Type of Land use	As at the end of plan period (ha.)	As at the end of conceptual period of the mine (ha.)
1	Area under mining	2.184	8.95
2	Overburden / waste dump	0.692	---
3	Mineral Storage	0.101	---
4	Infrastructure (Office, Rest Shelter, etc)	0.024	0.024
5	Others (Settling pond)	0.001	0.001
Sub-Total		3.002	8.975
6	1.025	1.025	3.68
7	6.486	0.513	4.24
G. Total		10.513	10.513

14. Reclamation: By the end of the life of the mine, an area of 8.975 ha. will be degraded due to mining & ancillary activities. Ultimate extend of quarry will be 8.95 ha. pit size will be 370m X 70m with depth of pit upto the probable limit i.e. 102m AMSL. By the end of the conceptual period, out of 8.95 ha. of total mining pit area, an area of 3.9 ha. will be back filed upto 118m AMSL; whereas the remaining 5.05 ha. will be fenced with barbed wire for the safety of human & animals.
15. Water requirements: Total water requirement for the proposed mining in Parsurampur Decorative Stone mining is estimated to be 7.0 KLD. For dust suppression peak water demand shall be 5.5 KLD, plantation will consume 0.7 KLD whereas drinking water need along with cleaning & washing at work place is 0.8 KLD. The total required water shall be collected form ground water source with due permission.
16. There will not be any residential area within the ML area except the Site Office. Therefore, the domestic waste from the sewage system will be disposed off to soak pit via septic tank.
17. Power requirements: Since the mining will be single shift and no accommodation is proposed, there will be no need of electricity. However, for emergency office use, a 225 KVA DG will be installed.
18. Greenbelt: There is a proposal to plant about 1645 saplings over 1.025 ha. (10250 m²) along the lease area near boundary pillars in a width of 7.5m during the first five years of mining. The saplings proposed for plantation are Mango, Neem, Jackfruit, Jamun, Amal, Gamhari, Kasi and

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- other indigenous species. Species of the saplings are proposed to be kept at 2.5m apart.
19. Manpower: The project shall create direct employment for 34 (managerial & supervisory personnel – 03, Skilled- 14, Semi-skilled- 08 & Unskilled- 09) persons once the mine comes to its operational stage.
 20. Baseline study was conducted during March 2022 to May 2022. All the parameters w.r.t to air quality, water quality and soil quality are within the prescribed limits as per CPCB guidelines.
 21. Project cost: The project cost is estimated to be Rs 3.12 crores and there is a budgetary provision of Rs 35 lakhs as capital cost & Rs 15 lakhs as annual recurring cost towards environmental protection measures.
 22. The proponent along with the Environment consultant M/s Centre for Envotech and Management Consultancy Pvt. Ltd., Bhubaneswar made a detailed presentation on the EIA/EMP before the SEAC on 13.01.2023.
 23. The proposal was placed 108th meeting held on 08.02.2023 and the Authority observed that the DSR of Gajapati District is not approved by SEIAA, Odisha after newly inclusion of Parsurampur Decorative Stone Mines as per the Hon'ble Supreme Court order dated 10.11.2021 in Civil Appeal Nos. 3661-3662 of 2020 (State of Bihar Vrs. Pawan Kumar and Others). The Collector, Gajapati be requested to forward the DSR for consideration/approval of SEIAA, Odisha as per GoI guidelines. The project proponent is required to submit the DSR approved by the competent Authority for further action. Accordingly, EDS letter was issued by SEIAA, Odisha on 13.02.2023.
 24. Now, the Collector & District Magistrate, Gajapati has issued letter vide letter no. 4944 dated 09.05.2023 stating that the DSR of Gajapati District in respect of River sand bed and stone has already been made but the DSR of specific minor mineral(Decorative stone) has not been prepared as no such information was received for preparation of the DSR. In the meantime, the public hearing for the proposed Jakar Decorative stone and Parsurampur decorative stone have already been completed for granting EC from the competent authority. Proposal for grant of EC for Parsurampur Decorative Stone Mines has been submitted to the SEIAA, but it has been requested to submit the DSR for each minor mineral sources as per the order dated 10.11.2021 Hon'ble Supreme Court in Civil appeal No. 3061-3662 of 2020 (State of Bihar- Vrs- Pawan Kumar and Others, and as per the Govt. of India guidelines (EIA Notification dated 25.07.2018 and Enforcement & Monitoring Guidelines for sand mining, 2020). In this regard it is to intimate that the Director, Mines is the Controlling Authority for specific minor minerals (Decorative Stone) as such all information with regard to decorative stone are available with the Mines Department. Hence, Deputy Director, Mines, Ganjam Circle has been requested to submit the detail information of specific minor minerals in the format as prescribed in the above notification for preparation of complete DSR which may take little more time and will be submitted within three months. Since, Parsurampur Decorative stone is an old case, it is requested that conditional EC may please be accorded in favour of the project proponent so as get revenue collection for the Govt. exchequer.
 25. Any deficiencies/omission have been noticed in the above documents- Nil

Whether SEAC recommended the proposal – Yes, in its meeting dated 13.01.2023. The SEAC have recommended for grant of Environmental Clearance for the project.



Agenda of 119th Meeting of SEIAA, Odisha Held on 17.05.2023 & 18.05.2023

Decision of Authority

The Authority perused the submission dated 09.05.2023 of the Collector & District Magistrate, Gajapati. After detailed deliberation in the matter, the Authority decided to issue EC for a production capacity of 6157 cum/annum valid for a period of 1 year as it is an old case. The EC will be liable for revocation in case the revised DSR is not submitted within 3 months as submitted by the Collector & District Magistrate, Gajapati.

APPROVED BY

Member Secretary, SEIAA

Member, SEIAA

Chairman, SEIAA