



**Agenda of 121st Meeting of SEIAA, Odisha Held on 30.05.2023, 31.05.2023 &
01.06.2023**

AGENDA NO.121.09	
Proposal No.	SIA/OR/MIN/403548/2022
Date of Application	31.10.2022
File No.	403548/766-MINB1/10-2022
Project Type	EC
Category	B1
Project/Activity including Schedule No.	1(a) Mining of minerals
Name of the Project	Proposal for grant of EC for Mining of Iron Ore from Purheibahal Iron Ore Block Over an area of 64.337 Ha for Production of 1.0 MTPA of Iron Ore With Total Excavation – 1.064 MTPA. (Rom Iron Ore: 1.0 MTPA + Overburden 0.064 MTPA) Located At Villages-Badaindupur&Sanindupur, Tahasil – Koira, District – Sundergarh
Name of the company/Organization	M/s Rungta Mines Ltd.
Location of Project	Odisha
ToR Date	15.01.2021
Name of the Consultant	M/s Centre for Envotech and Management Consultancy Pvt Ltd,Bhubaneshwar

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 proposal is for environmental clearance of M/s Rungta mines Ltd. for Purheibahal Iron ore block over an area of 64.337ha. for production of 1.0MTPA of Iron ore with total excavation - 1.064MTPA (ROM Iron ore: 1.0MTPA + overburden 0.064MTPA) located at villages - Badaindupur&Sanindupur, Tahasil - Koira, District - Sundergarh of Sri Hirak Mazumder.
- (ii) The proposed project is a green field project for Production of 1.0 MTPA of Iron Ore with total Excavation 1.064 MTPA (ROM Iron Ore: 1.0 MTPA + Over Burden: 0.064 MTPA) of Purheibahal Iron Ore Block of M/s Rungta Mines Limited spread over 64.337 Ha in village Badaindupur and Sanindupur, Tahasil : Koira, District : Sundergarh, Odisha.
- (iii) Location: The area is bounded by the latitudes from 21° 54' 58.9174" to 21° 55' 34.84448" N and longitudes from 85° 17'24.51774l to 85° 18' 00.84765E as per DGPS survey of India Toposheet No. 73G/5 (F45N5). The project is located at village Badaindupur and Sanindupur under Koira Tehsil in Sundargarh district of Odisha State.
- (iv) The lease area does not fall under any CRZ areas. Proximity to CRZ areas is much beyond 10 kms from the lease boundary. The M.L area over 64.337ha comprises forest & non-forest land. According to the land schedule the total forest land is 29.642 Ha and the non-forest land is 34.695 Ha.
- (v) TOR Details - The Terms of Reference (ToR) was issued on 07.02.2022 vide letter no. 3995/SEIAA, by SEIAA, Odisha.
- (vi) Public Hearing Details - Public Hearing for Pureibahal Iron Ore Block was conducted on 03-08-2022 at open ground near Sanindpur Chowk in Sanindpur Village of Sundergarh District, Odisha. The public notice for the same was advertised in newspaper "The Times of India", & "The Sambad", on 28-06-2022. The issues raised during Public Hearing process are Air & Noise Pollution, Employment of local Youths and Peripheral developments, which are been duly

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addressed by the Management and a strategy for on-the ground implementation of the proposed plans.

- (vii) Mining Process: It is an Open Cast Mechanized method of mining with the deployment of major earth moving machineries like excavators, dumpers pay loaders & DTH drills and dumpers etc. The operation will be on general shift basis. The mine lease hold area is 64.337 Ha. The mining plan was approved by IBM vide letter No MP/A/20-ORI/BHU/2021-22 dtd. 24/11/2021.
- (viii) Green belt: During the plan period about 12.99ha. of dump, mineral storage area and haulage roads shall be planted with approximately 20,000 nos of trees. During conceptual period, maintenance of plantation/re-grassing will be done. Further, during ensuing plan period it has been planned to make gap filling plantation within safety zone area of lease boundary to achieve 2500 nos/ha of tree density.
- (ix) Water requirement: The total water requirement for the mine as per approved mining plan will be around 236 KLD for environmental maintenance and drinking & domestic purpose. It will be sourced from Teherai Nalla.
- (x) Power requirement: The power requirement will be met through DG sets of capacity 500 KVA. Possibilities will be explored to procure electric power from State Electricity Board as and when required from the power line of 11 KVA that is passing through the lease area.
- (xi) Manpower: The total manpower 140 numbers will be required for the project.
- (xii) Project Cost: Capital cost of the project is estimated to be Rs. 157 Crores, and capital cost for EMP is Rs. 2.47 Crores and annual recurring cost is Rs. 0.76 Crores.
- (xiii) Environment Consultant: The proponent along with the consultant M/s Centre for Envotech and Management Consultancy Pvt Ltd, Bhubaneswar, made a detailed presentation before the SEAC on 05.11.2022.

1. Whether SEAC recommended the proposal – The proposal was considered in the SEAC meeting held on 05.11.2022 and the SEAC have recommended for grant of Environmental Clearance with stipulated conditions as per **Annexure – A** and following specific conditions. **However, the Environmental Clearance shall be issued by the SEIAA, Odisha after receipt of Stage-I Forest Clearance from the proponent as stipulated in MoEF&CC, Govt. of India office memorandum no. J-11013/41/2006-IA.II(I), dated 09.09.2011 and office memorandum no. J-11013/41/2006-IA.II(I), dated 18th May, 2012.**

- (i) The proponent shall utilize different grades of iron ore (ROM) and waste generated according to IBM guidelines.
- (ii) The proponent shall carryout compensatory afforestation for the project site.
- (iii) The proponent shall adopt additional measures for dust suppression.
- (iv) Conversion of Gochar / Grazing land involved in lease area shall be made before going for mining activity.
- (v) Rainwater harvesting structures shall be implemented.
- (vi) The lessee shall take adequate safeguard measures to ensure the free flow of the nearby tributaries/nallahs.
- (vii) The EC 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.
- (viii) 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.
- (ix) Green processes like Controlled drilling, Environment friendly blasting, safe transportation and conveying, silt-management shall be followed as per guidelines.

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2. The proposal was placed in the 103rd meeting of SEIAA and the Authority deliberated on the matter and decided the following:

The SEIAA, based on the recommendation of SEAC, deems it appropriate to convey the PP the decision to accord EC, in terms of MOEF&CC OM No. J-11013/41/2006-IA.II(I) dated 09.09.2011. The formal EC shall be issued on submission of Stage-I Forest Clearance within 12 months”

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

3. The proposal was again placed in the 120th meeting of SEIAA held on 23.05.2023 and the Authority decided the following:

“After detailed deliberation in the matter, the Authority observed that as per the application & EIA/EMP report, forest area mentioned is 29.642 Ha. whereas the FC dated 11.05.2023 is granted for 34.162 Ha. forest land. Hence, the Authority decided that the PP needs to clarify the same”

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

Decision Of Authority:

After detailed deliberation, the Authority allowed grant of EC with a condition that the PP has to modify the mining plan incorporating the forest land as per Stage-I FC issued by MoEF& CC vide letter no. 5-ORC545/2023-BHU dated 11th May 2023.

APPROVED BY


Member Secretary, SEIAA


Member, SEIAA


Chairman, SEIAA



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AGENDA NO.121.10	
Proposal No.	SIA/OR/MIN/79164/2020
Date of Application	26.08.2022
File No.	79164/96-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 Kamarda Chromite Block (ML Area: 107.240 Ha) For Production Of 0.30 MTPA Chromite Ore (ROM) With Maximum Excavation Of 2.50 Million Cum Per Annum Through Opencast Mining At Village: Talangi, Kamarda&Balipada Tehsil- Sukinda. Jajpur District
Name of the company/Organization	Applicant: Tata Steel Mining Limited; Sri.Pankaj Kumar, MD
Location of Project	At Village: Talangi, Kamarda&Balipada Tehsil- Sukinda, District -Jajpur
Name of the Consultant	M/s Visiontek Consultancy Services Pvt. Ltd, Bhubaneswar

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 of M/s.Tata Steel Mining Limited for Environment Clearance of Kamarda Chromite Block (ML Area: 107.240 Ha) for Production of 0.30 MTPA Chromite Ore (ROM) with Maximum Excavation of 2.50 Million Cum Per Annum Through Opencast Mining located at Village - Talangi, Kamarda & Balipada, Tahasil - Sukinda, District Jajpur filed by Sri.PankajKumar,MD
- (ii). The Kamarda Chromite Block Mining lease comprising of 107.24 Hectare area was originally granted and executed in favour of Sri B. C. Mohanty for a period of 20 years with effect from 22.02.1968. Subsequently, the lease was transferred in favour of M/s. B. C. Mohanty & Sons (P) Ltd on 05.05.1981. The tenure of the lease expired on 22.02.1988 and the lessee got the first renewal of lease for a further period of 20 years up to 22.02.2008. The lessee filed application for second renewal of the ML for a further term of 20-year w. e. f. 22.02.2008 on 13.02.2007, one year prior to expiry of the mining lease, over the entire area. The renewal application was processed by Government of Odisha as per section 8(A) (6) of MM(D&R) Amendment Act,2015 and the mining lease period was extended up to 31.03.2020 vide supplementary lease deed dt. 06.10.2015.
- (iii). The e-auction process was conducted in accordance with the tender document for the Kamarda Chromite Block and M/s Tata Steel Mining Limited (Formerly known as M/s T.S. Alloys Limited).
- (iv). Clearances held by Sri B C Mohanty has been vested to M/s Tata Steel Mining Limited as per Vesting Order issued vide Letter No 4129/SM dated 28th May 2020. The PP have also submitted that the Government of Odisha pursuant to the Mines & Minerals (Development & Regulation) Act 1957 and the Mineral (Auction) Rules 2015, conducted auction for grant of lease for Kamarda Chromite Block located in Jajpur district of Odisha. The Lessee Company M/s T S Alloys Limited was emerged as successful bidder in the e-auction process. Letter of Intent (LOI)



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- for grant of mining lease of Kamarda Chromite Block in Jajpur District over 107.240 Ha Area in favour of the Company for a period of 50 years was issued by the State Government vide Letter No 9012/SM dated 18.11.2019 read with letter No. 9095/SM dated 20.11.2019. Subsequently, in terms of section 8B(2) of MMDR Act, 1957 read with rule 9A(4) of MCR, 2016, the bidder is deemed to have acquired all valid rights, approvals, clearances, licenses and the like vested with the previous lessee for a period of two years from the date of execution of the lease deed or till the date of getting fresh approvals, clearances, licenses, permits and the like whichever is earlier as per Vesting Order issued vide Letter No 4129/SM dated 28.05.2020.
- (v). Mining Plan has been approved by IBM, Bhubaneswar dated 25.09.2018. Mining Plan of TSML was approved on 28.09.2020.
 - (vi). Consent to Establish has been obtained from SPCB, Odisha on dated 31.03.2020 & Consent to Operate from SPCB, Odisha on dated 31.03.2021.
 - (vii). Surface right from District Collector, Jajpur over 108.92 Ha. has been obtained.
 - (viii). Ground water drawl permission has been obtained from CGWA, (GoI) dated 16.07.201 & fresh applied vide Application Number: 21-4/4185/OR/MIN/2022 on 31.08.2022.
 - (ix). Earlier, Environmental Clearance has been obtained from MoEF&CC, Govt. of India on dated 08.05.2008 for production of 0.088 MTPA Chromite Ore and 0.036 MTPA Chrome Concentrate production.
 - (x). Forest Diversion has been obtained from MoEF&CC, Govt. of India, dated 28.03.2008 over an area of 87.44 Ha of entire forest land involved. The previous lessee has paid Rs.7,89,68,200 towards NPV (Net Present Value) for the total forest area of 105.78 Ha. Tata Steel Mining Limited has also paid the NPV of Rs.7,93,35,000/- over entire forest land of 105.78 Ha.
 - (xi). The Kamarda Chromite Block is located in three villages namely Village- Talangi, Kamarda&Balipada, Tehsil- Sukinda, District- Jajpur, Odisha over an area of 107.240 ha in which 101.850 ha land is forest land and rest 5.390 ha land is non forest land as per HAL Settlement and 105.780 Ha is Forest Land and 1.460 Ha is non forest land as per Sabik Settlement. PP has submitted that online application for obtaining fresh Forest Clearance over entire forest land of 105.780 ha(includes 18.34ha forest land) vide proposal no. FP/OR/MIN/51780/2020 dated 22.10.2020 has been submitted.
 - (xii). PP has further submitted that there are no wild life sanctuaries, national parks, elephant/tiger reserves within 10 km of the notified mine lease area.
 - (xiii). Deep hole blasting & use of HEMM permission has been obtained from DGMS, (GoI) dated 04.01.2019 (TSML has also obtained the fresh 106 (2) (B) on 25.08.2021)
 - (xiv). The Company is also pursuing at State Level for diversion of Tomka- Mangalpur State Highway which is presently passing through the lease so that mine can be expanded and ore from greater depth can be mined. The proponent has applied for state road diversion passed through mining lease.
 - (xv). The MOEF &CC, Govt. of India had issued the Terms of Reference for the Project vide letter no. F. No. J11015/56/2021-IA.II Dated 5th February, 2021. Public hearing for the proposal was conducted on 22.12.2021 at 2.00PM.
 - (xvi). Location and Connectivity - The Kamarda Chromite Block is located in three villages – Tailangi, Kamarda&Balipada, Tehsil- Sukinda, District- Jajpur, Odisha over an area of 107.240 ha in which 101.850 ha land is forest land and rest 5.390 ha land is non forest land as per HAL Settlement and 105.780 Ha is Forest Land and 1.460 Ha is non forest land as per Sabik Settlement. The Kamarda Chromite Block is spread over an area of 107.240 Ha, and it falls in Survey of India Topo Sheet/Open Series Map No. F45N16 (73G/16). The lease area represents undulating topography marked by linearly disposed mounds of low relief. The area is bounded by latitude 21°03'06.11316" - 21°03'50.88708" and longitude 85°49'22.45836" - 85°50'11.31576" and covered by survey of India Toposheet no 73 G/16. The maximum elevation



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of the area is 180 m RL on the southern side while the minimum elevation is 160 m RL on the western portion of the area. The gradient of the area is 150. The mine is well connected by NH-200, which is about 11 km in S. Nearest Railway Station is Daitari Railway Station which is about 9.50 km, in NE direction. Biju Patnaik International Airport, Bhubaneswar is about 140 km in SE direction from the project site.

- (xvii). Mining plan details: The method of mining will be open cast fully mechanized mining. Fully mechanized Opencast 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. Keeping in view the production of 0.3 Million Ton of Chromite ore (ROM) per annum, life of the mine will be about 8 1/2 years. Life of the mine may be increase after future exploration and Slope Steepening.
- (xviii). Water Requirement: About 330 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. The PP has also submitted that ETP has been installed in the mine lease area. Further on Central Effluent Treatment Plant (CETP) of capacity 1200 KL/ Hr is planned to be installed to cater requirement of both Saruabil&Kamarda Mine.
- (xix). Waste Water Treatment in ETP: The water will be treated with Ferrous Sulphate or Sodium bisulphate. Hexavalent chromium is reduced to trivalent chromium by dosing Ferrous Sulphate. Sulphuric acid will be used to bring down the pH between 3 to 4. Chromium is precipitated as chromium hydroxide by dosing with alkali (NaOH). Chromium hydroxide is then separated in a Clariflocculator. The flocculant system will be enhanced by dosing with polyelectrolyte. This water is treated in the filtration system (sand bed) and Iron exchange removal. The chromium hydroxide precipitate will be disposed off to an authorised Treatment, Storage and Disposal facility (TSDF). The treated water will be discharged into Damsal Nala. Further the PP has submitted that organic manure will be used in excess (vermi-compost/cow dung) and grass propagules and creepers will be planted along with trees/shrubs. This will reduce the Cr (VI) to Cr (III) and it will prevent leaching into surface water and ground water. Garland drains constructed along dumps and mine pit shall route the water to settling ponds.
- (xx). Power Requirement: The use of electricity will be for lighting/illumination purpose in mining operations and will be obtained from TPCODL. A total of 450 KVA will be required.
- (xxi). Manpower Requirement: A total of about 440 persons will be required to carry out the opencast mining operation.
- (xxii). Rehabilitation & Resettlement: Rehabilitation & resettlement plan for 68 housing projects have been proposed in the SIA report. Total cost of R&R is proposed to be Rs. 0.77 Crores.
- (xxiii). Baseline details:

Period	October – December 2020
AAQ Parameter at 8 locations	PM ₁₀ = 29 to 64.1 µg/m ³ PM _{2.5} = 17 to 38.5 µg/m ³ SO ₂ = <4 to 8.1 µg/m ³ NO _x = <9 to 13.6 µg/m ³
Noise quality at 8 locations	Ambient noise ranges from 36.7 dBA to 60.4 dBA
Surface water at 8 locations	pH ranges from 7.21 to 7.84, DO ranges from 4.4 to 6.3 mg/l, COD ranges from 6.0 to 20 mg/l

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Ground water at 8 locations	pH ranges from 5.06 to 7.78, total hardness varies from 14 to 180 mg/l, chloride ranges from 3.8 to 38 mg/l, TDS ranges from 20 to 316 mg/l
Soil at 12 locations	pH ranges from 7.03 to 7.24, SAR ranges from 2.6 to 4.4 %, clay percent ranges from 59.8 to 73, all the metals are below detectable level

- (xxiv). The cost of the project has been estimated to be Rs. 83.50 Crore. EMP cost-9.39crores as capital cost & 1.49crores as recurring cost. CER Budget-132.35 lakhs allocated which will be spent within three years.
- (xxv). The project proponent along with the consultant M/s Visiontek Consultancy Services Pvt. Ltd., Bhubaneswar made a detailed presentation on the proposal on 02.11.2022.
- (xxvi). Any deficiencies/omission have been noticed in the above documents- The PP has submitted FC proposal vide proposal no. FP/OR/MIN/51780/2020 dated 22.10.2020 for the fresh forest area and has stated that 18.34 ha area will remain undisturbed.

1. Whether SEAC recommended the proposal- Yes, in its meeting held on 20.02.2023, the SEAC recommended for grant of Environmental Clearance with stipulated conditions and following specific conditions.

- The proponent shall not carry out any activity including mining in non-diverted Forest area of 18.34 ha. till they obtained Forest Clearance. The proponent shall strictly follow the procedure laid down in guidelines for diversion of forest land issued by MoEF&CC, Govt of India vide F. No. 11-599/2014-FC, dated 01.04.2015 (copy enclosed as Annexure - B).
- The mine shall take adequate measures to minimize the discharge of waste water to Damsala nallah.
- The project proponent shall monitor analysis of hexavalent chromium in nearby soil and water body periodically and follow mitigation measures if necessary.
- All the compliances submitted/ committed by PP (s) shall be strictly adhered to by them.

2. The proposal was placed in the 116th meeting of SEIAA held on 26.04.2023 & 27.04.2023 and after detailed deliberation, the Authority observed the following:

- The project proponent has submitted environmental clearance (EC) issued by MoEF& CC, Govt. of India vide EC Identification No. EC23A001OR114343 dated 13.04.2023 in respect of proposed expansion of production of Iron ore from 12 MTPA to 19.5 MTPA (ROM) with total excavation of 22.94 MTPA and beneficiation plant throughput capacity increase from 12 MTPA to 17.6 MTPA in Joda East Iron Mine within ML area of 671.093 ha located in the villages Joda, Kamarjoda, Banspani, Khuntpani& Baitarani Reserve Forest (R.F) in Barbil Taluka, Keonjhar District, Odisha in favour of M/s. Tata Steel Ltd. Khandbond Iron and Manganese Mines.
- The mines lease area of 612.70 ha [567.087 ha. (Stage II FC available) + 45.613 ha (Non-forest land)] out of 654.743 ha [671.093 ha (Joda East Iron Ore mine)-16.35 ha(Manmora Manganese mine)], located at Joda, Kamrjoda, Banspani, Khuntpani& Baitarani Reserve Forest (RF) in Barbil Taluka, Keonjhar District, Odisha.
- The Karmarda Chromite Block is an auctioned mines which has been acquired by M/s. Tata Steel Mining Ltd. and a vesting order issued vide letter no. 4129/SM dated 28.05.2020 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.

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01.06.2023



- (iv) 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.
- (v). In the light of above guideline of MoEF&CC, the PP is required to clarify FC (Part/full) for Kamarda Chromite Block in their favour from MoEF& CC for further consideration of the proposal.

Now the PP has submitted the required ADS for consideration of EC.

Decision of Authority:

The Authority peruse the reply of PP with reference to ADS dated 11.05.2023 and in the light of decision taken by MoEF& CC, Govt. of India vide their letter no. 23-236/2018-IA. III (V) dated 12th July 2021 for Daitari Iron ore mines and Joda East mines vide file no. J-11015/215/2008-IA. II (M), the following observation and decision is taken:

1. The proposal involves a lease area 107.240 ha comprising of 105.780 Ha Forest land and 1.460 ha non-forest land. Forest clearance (FC) has been accorded over an area of 87.44 Ha by MoEF& CC dated 28.03.2008 in favour of the previous lessee. The FC application for the remaining forest land i.e., 18.34 Ha has been applied to MoEF& CC, vide proposal no. FP/OR/MIN/51780/2020 dated 22.10.2020, submitted and it is pending. The lessee has paid NPV for the entire forest land of area 105.78 ha.
2. This EC will be restricted to 88.90 ha [87.44Ha stage-II FC available + 1.460 Ha (non-forest land)], mining activity will be restricted to non-forest land and the area for which stage-II FC is available.
3. The mining plan to be revised as per land use for production of Chromite ore at the rate of 3MTPA from the already diverted forest land (87.44 ha), subject to the permission from the Indian Bureau of Mines (IBM), for the period of 1 year from the date of EC granted.
4. The FC clearance issued in favour of the pervious lessee shall be transferred in the name of M/s. Tata Steel Mining Ltd. within a period of 1 year from the date of EC granted.
5. Grant of CTO after one year shall be subject to transfer of FC for 87.44 Ha in the name of M/s. Tata Steel Mining Ltd. and obtaining fresh FC for 18.34 ha.

APPROVED BY


Member Secretary, SEIAA


Member, SEIAA


Chairman, SEIAA
30.05.2023



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AGENDA NO.121.11	
Proposal No.	SIA/OR/MIN/411244/2022
Date of application	20.12.2022
File No.	411244/847-MINB2/12-2022
Project Type	Proposal for 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 for SankhariSouth(Chha) New Stone Quarry, 02/17-18, Kaipadar over An Area 4.0465 Ha or 10.00 Acres In Village Kaipadar under Tahasil and District Khordha Odisha by Biswa Ranjan Khatai being the power of Attorney holder on Behalf of DebasmitaSamantaray
Name of the company/Organization	Sri Biswa Ranjan Khatai H/o-Smt. DebasmitaSamantaray, T-76, Metro Satelite City, Rudrapur, Hanspal, Balianta, Bhubaneswar, Dist-Khordha
Location of Project	Odisha
ToR Date	N/A
Name of the Consultant	N/A

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 mining of stone from of SankhariSouth(Chha) New Stone Quarry, 02/17-18, Kaipadar over An Area 4.0465 Ha or 10.00 Acres In Village Kaipadar under Tahasil and District Khordha Odisha.
 - (ii) The mining area is a part of Survey of India Toposheet No. 73H/12, bounded by Latitude: 20°06'16.50" N to 20°06'07.22" N and Longitude: 85°33'25.61" E to 82°49'80.68" E.
 - (iii) The mining lease is an identified sairat source in the DSR. The Sankhari South (Chha) New Stone Quarrysairat source will be leased out under the OMMC Rules, 2016 by Sub-Collector, Khordha& Competent Authority to the successful bidder (lessee) on the basis of public auction for a lease period of 5 years.
 - (iv) Documents submitted: -Form-1, Form-2, D.L.C., PFR, EMP, checklist, and approval letter, Village sheet, Cluster certificate from Tahasildar, topo map etc.
 - (v) Whether submitted KML file of the lease area- Nil
 - (vi) Whether submitted scrutiny fee-Yes, of Rs. 1000/- submitted through e-Challan no. 3381B31AD6 dt. 19.12.2022
 - (vii) Distance from nearest sanctuary/ESZ- Chandaka WLS-13.0 km
 - (viii) Whether the lease area coming in DLC report-No, certified by DFO, Khordha vide letter no. 1866 dated 19.03.2020
 - (ix) Whether the lease area reflecting in DSR-Yes
 - (x) Method of mining-Semi-mechanised
 - (xi) Distance from nearest road bridge-3.21 km, nearest NH -0.50 km
 - (xii) Whether it is part of cluster -Yes, total lease area under Cluster-1 is 96.597 Ha for which already cluster EIA and EMP approved by SEAC and SEIAA



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- (xiii) Whether EC obtained earlier-No
(xiv) Date of approval of mining plan- the Director of Geology, Bhubaneswar on 30.09.2022.
(xv) Production capacity per annum-48130 cum/annum (max.), total production in 5 years period-240311 cum, Geological reserve-486151 cum and Mineable reserve-332268 cum.
(xvi) As per mining plan the approved depth for mining-6.0 meter.
(xvii) 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
(xviii) This a cluster quarry coming under the Dhania, Shankari&Tangeni Hillocks Stone Quarry (Cluster - 1) with 30 nos. of quarries having total area 96.597 Ha, the mining lease area located in Village Kaipadar of Tahasil and District Khurda, Odisha is granted for mining lease of Building Stone/Road Metals for a period of ten years in favour of Shree Jagannath Temple Administration Puri.
(xix) The mining plan has been approved by Directorate of Geology, Govt. of Odisha vide memo no. 7892 Dated.26.09.2019.
(xx) The TOR has been issued by SEAC, Odisha vide Letter No. letter no 30/SEAC-28/19 dated. 08.01.2020 for the preparation EIA/EMP report.
(xxi) Public Hearing was conducted on 08.09.2020 at 10.30 am at G.P Office, Kaipadar, Tahasil and District of Khordh. Sri Anju Kumar Das Pattnaik, Additional District Magistrate, Khordha presided over the meeting. Dr. Binod Bihari Dash, Regional Officer, State Pollution Control Board, Bhubaneswar organised and conducted the public hearing meeting.
(xxii) After SEAC recommendation the proposal was placed in the SEIAA, Odisha meeting held on 06.07.2021 and ask individual application vide letter no. 1928/SEIAA dated 29.07.2021.
(xxiii) Now, the individual application with required documents has been received for this case.
(xxiv) Any deficiencies/omission have been noticed in the above documents- Nil
2. **Whether SEAC recommended the proposal** – The proposal was placed in the SEAC meeting held on 04.06.2021 and the SEAC approved the cluster EIA & EMP ask to apply individual application.
3. The proposal was placed in 107th SEIAA meeting held on 21.01.2023 and After detailed deliberations, the Authority decided **to defer the proposal** and sought additional information on the following observation:
As per google earth map, the lease area is shown as a virgin land on October 2012, whereas the google earth map as on August 2022 shows mining has taken place in part of the area applied i.e., approx. 0.4Ha in one patch and 0.35Ha in another patch. The Sub-Collector -cum- Competent Authority of SJTA, to submit a report after site inspection on the following points:
(i) Name of all Lessee, if any, from October 2012 to till date.
(ii) Quantity of stone extracted from the site from October 2012 to till August 2022.
(iii) Whether the extraction of stone material has approval of Competent Authority or not?
(iv) Fine or Penalty if collected for the extraction without due approval and EC.
4. The Sub-Collector, Khordha-Cum-Competent Authority Sri Jagannath Temple Office, Puri has clarified vide letter no.6565 dated 24.05.2023 with mentioned that no quarry lease is given to anybody, nothing is extracted from the said area from October-2012 to August-2022.

Decision of Authority:

After detailed deliberation, the Authority decided to grant EC subject to condition that the Collector, Khordha shall conduct a site inspection of the area and submit a damage assessment and remedial plan of the lease area, required if any, within three months.

APPROVED BY


Member Secretary, SEIAA


Member, SEIAA


Chairman, SEIAA



**Agenda of 121st Meeting of SEIAA, Odisha Held on 30.05.2023, 31.05.2023 &
01.06.2023**

AGENDA NO.121.12	
Proposal No.	SIA/OR/MIN/289807/2022
Date of application	23.08.2022
File No.	289807/803-MINB2/08-2022
Project Type	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 Balijodi Stone Quarry over an area of 5.00 acres or 2.02 hectares in village Balijodi under Jeypore Tahasil of Koraput District, Odisha.
Name of the company/Organization	Sri B. Dayananda Shetty S/o-Late B. Arippa Shetty, At-P.R. Peta, New Colony, Jeypore, Dist-Koraput, Pin-764003
Location of Project	Odisha
ToR Date	N/A
Name of the Consultant	N/A

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 mining of Stone from Balijodi Stone Quarry over an area of 5.00 acres or 2.02 hectares in village Balijodi under Jeypore Tahasil of Koraput District, Odisha.
 - (ii) The mining area is a part of Survey of India Toposheet No. E44K9 bounded by Latitude: 18°52'09.70" N to 18°52'02.60" N and Longitude: 82°36'10.00" E to 82°36'05.20" E.
 - (iii) The mining lease is an identified sairat source in the DSR. The Balijodi Stone Quarry sairat source will be leased out under the OMMC Rules, 2016 by Tahasildar, Jeypore to the successful bidder (lessee) on the basis of public auction for a lease period of 5 years.
 - (iv) Documents submitted: -Form-1, D.L.C., PFR, checklist, Mining Plan and approval letter, DSR, Village sheet, Cluster certificate from Tahasildar, topo map etc.
 - (v) Whether submitted KML file of the lease area-Yes
 - (vi) Whether submitted scrutiny fee-Yes of Rs. 1000/- vide e-Challan Ref. No. 336A1804DF dt. 23.08.2022.
 - (vii) Distance from nearest sanctuary/ESZ- Kanger Valley WLS-40.0 Km
 - (viii) Whether the lease area coming in DLC report-No, clarified by the Tahasildar, Jeypore, vide letter 2017 dated 17.08.2022.
 - (ix) Whether the lease area reflecting in DSR-Yes
 - (x) Method of mining-Semi-mechanized
 - (xi) Distance from nearest road bridge-3.0 km, village road -1.0 km
 - (xii) Whether it is part of cluster -No
 - (xiii) Whether EC obtained earlier-Yes, but not submitted earlier EC compliance
 - (xiv) Date of approval of mining plan- the Joint Director of Geology, Koraput on 08.05.2020.
 - (xv) Production capacity per annum-1500 cum/annum (max.), total production in 5 years period-7500 cum, Geological reserve-113715 cum and Mineable reserve-49450 cum.
 - (xvi) 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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(xvii) Any deficiencies/omission have been noticed in the above documents-Not submitted earlier EC compliance and submitted false information in the checklist.

2. **Whether SEAC recommended the proposal** – The proposal was placed in the SEAC meeting held on 02.09.2022 and the SEAC **recommended** the proposal for EC.
3. The proposal was placed in the 101st SEIAA meeting and the opinion that in the google earth map/KML file, it appears that there is already quarrying activity in the proposed lease area. After detailed deliberations, the Authority decided that the Tahsildar has to submit the site inspection report on the following point.
 - i) Whether EC has been granted previously for the proposed quarry? If yes, submit the full-scale compliance of the EC stipulations.
 - ii) If, no whether there is any violation occurred and action taken thereof.
4. The Tahasiladr has submitted clarification vide letter no. 1704/23 dated 04.05.2023 on ADS dated 22.12.2022 with mentioned that the proposed quarry was operated earlier and accordingly submitted EC compliance. In the compliance report most of the conditions are not complied by the earlier lessee.

Decision Of Authority:

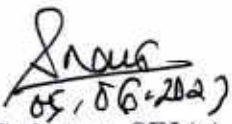
After detailed deliberations, the Authority decided to **grant Environmental Clearance** to this project with usual stipulated conditions applicable for stone quarry.

- Maximum depth of mining 6.0 meter from surface and maximum quantity of stone extraction shall be 1500 cum in 1st year and 1500 cum in the 2nd year. Grant of EC for further period will be considered after submission of approved DSR by SEIAA as per the MoEF& CC, Govt. of India Notification S.O. 3611(E) dated 25.07.2018.
- The Project Proponent (lease holder) shall deposit Rs.3,00,000/-, with the respective District Environment Society for raising 600 plants (minimum @100 trees per Ha) of native species within 2 years in a suitable location adjoining to quarry.
- The PP will implement the EMP with a budgetary allocation of Rs.1.0Lakhs as Capital Cost & Rs.25 lakhs/annum as Recurring Cost, as proposed within the first three years of start of mining activities.

APPROVED BY


Member Secretary, SEIAA


Member, SEIAA


05/06/2023
Chairman, SEIAA



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01.06.2023**

AGENDA NO.121.13	
Proposal No.	SIA/OR/MIN/296495/2023
Date of application	17.01.2023
File no.	SEIAA-1159/01-2021
Project Type	Proposal for Amendment of EC for extension of validity of EC
Category	B2
Project/Activity including Schedule No.	1(a) Mining of minerals
Name of the Project	Proposal for Amendment of EC of Birajadunathpur Sand Quarry (River-Baitarani) over an area of 12.35 acres or 4.997 hectares in village Birajadunathpursasan under KaranjiaTahasil in Mayurbhanj District, Odisha.
Name of the company/Organization	Md. Nurul Islam S/o-Md. Daud, At-Chadheibhole, PO-Ghosda, Ps-Karanjia, Dist-Mayurbhanj, Odisha A
Location of Project	Odisha
ToR Date	N/A
Name of the Consultant	N/A

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 Birajadunathpur Sand Quarry over an area of 12.35 acres or 4.997 hectares in village Birajadunathpursasan under KaranjiaTahasil in Mayurbhanj District, Odisha.
 - (ii) The project proponent has obtained EC from SEIAA, Odisha vide EC letter no. 2845/SEIAA dated 22.09.2021 and Transfer of EC vide letter no.3890/SEIAA dated 28.01.2022 of Birajadunathpur Sand Quarry over an area of 12.35 acres or 4.997 hectares in village Birajadunathpursasan under KaranjiaTahasil in Mayurbhanj District, Odisha.
 - (iii) During EC application the PP has submitted required documents along with mining plan where it is mentioned that mineable reserve of the proposed sand was 40435 cum with depth of sand deposition was 1.0 meter and proposed for annual extraction-8087 cum.
 - (iv) The SEIAA also granted EC for 1st year production 5000 cum with 0.5meter depth of mining.
 - (v) There is an EC conditions point no. 9.1 to 9.2 in page no. 03 that "Pending carrying out of the study & submission of the report, this clearance is being granted in an adhoc manner and is liable to be revoked after one year i.e. after 31st December, 2022 if satisfactory replenishment study report is not submitted."
 - (vi) The PP has submitted EC compliance report and mentioned that production achieved during period 2021-22 is **240 cum**.
 - (vii) The PP has submitted replenishment study report by ORSAC empanel agency M/s. Geoid Resource Pvt. Ltd. with mentioned that the extractable sand available after post-monsoon is 1489.13 cum within the workable area is **881.77 sqm**. However, the volume of sand available after post-monsoon is around **1489.13 cum**, which will be safe extractable.
 - (viii) Any deficiencies/omission have been noticed in the above documents-**Nil**

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2. **Whether SEAC recommended the proposal** – The proposal was placed in the SEAC meeting held on 20.02.2023 and the SEAC recommended the following:
- a) The Environmental Clearance has been approved for higher capacity i.e. **5400 (max) cum/annum**. Now they have applied for modification of EC along with the replenishment study report and applied for less capacity than the approved capacity i.e. **5400 cum/year** while sand available as per replenishment study is **1352.60cum**. Hence, SEIAA may take decision on the basis of quantity replenished as the same is less than the amount permitted in the EC.
3. The proposal was placed 112th SEIAA meeting held on 29.03.2023 and the Authority observed that the project proponent (PP) has not mentioned the quantity of sand to be extracted from the lease for the next year period in the report. After details deliberation, the Authority decided that the PP required to submit the proposed annual quantity of sand as per replenishment study report.
4. The Tahasildar has submitted the ADS reply letter dated 12.05.2023 vide their letter no. 1565 dated 01.05.2023 with mentioned that as per replenishment study report 1489.13 cum sand is available after post monsoon which can be safe extractable for next year mining.

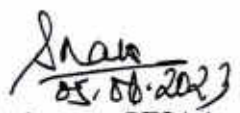
Decision of Authority:

The Authority observed that the ARRS is not complete. After detailed deliberation, the Authority decided that the PP is required to carry out the pre-monsoon data and submit report by 31 December 2024. EC is allowed for extraction 4760 cum (5000 cum as per earlier EC condition for 1st year production – 240 cum i.e., already extracted quantity) of sand for the remaining quantity of 1st year only.

APPROVED BY


Member Secretary, SEIAA


Member, SEIAA


Chairman, SEIAA