

Agenda notes for SEIAA meeting dated 21.06.2022 etc. and minutes of the meeting

Online Proposals

82nd Meeting of SEIAA, Odisha dated 21.06.2022, and 22.06.2022 at 10.30 a.m.

Sl. No	Proposal Category (B1, B2) and Proposal type (TOR/EC/MO/DIEC/MODITOR/Transfer of EC)	Project Sector and EIA notification Schedule.	Auto generated File No.	Name of the Applicant/ Project Proponent	Title of the proposal	Date of receipt of the proposal online	Status indicated in the PARI VESH portal	Decisions of SEIAA in the previous meeting	Current Status and Agenda Note	Observations / Decisions of SEIAA Meeting
1.	B1, EC	1(a) Mining of minerals	SIA/OR/IND/34495/2019	Adish Minerals Private Limited	Proposed Chrome Ore beneficiation Plant of Capacity 1,20,000 TPA throughput at Mouza-Baunsamuli, Thana Badachana, District-Jajpur.	25.03.2021	Under examination of SEIAA after SEAC	Online proposal for EC	<p>This is regarding a new proposal for Installation of Chrome Ore Beneficiation Plant. The project has submitted at SEIAA under Category 'B' Ha. As per the EIA Notification, 2006, this project falls in the schedule under SI.No.2(b)-"Mineral Beneficiation Unit" of non-coal mining sector. The project proponent has submitted proposal for grant of EC for Installation of Chrome Ore Beneficiation Plant of capacity 1,20,000 TPA (0.12 million TPA throughput) of M/s Adish Minerals Pvt. Ltd.</p> <p>The following documents have been received Form-1, Form-2, PFR, EIA & EMP, land schedule etc.</p> <p>The following deficiencies/omission have been noticed in the above documents.</p> <ul style="list-style-type: none"> • Nil <p>Whether SEAC recommended the proposal –Yes</p> <p>Other Points</p> <ol style="list-style-type: none"> 1. As per EIA Notification dated 14th Sep, 2006 as amended from time to time, the project falls under Category "B", Project or Activity 2(b) – Mineral Beneficiation Unit. 2. It is a green filed project as the plant is to be set up a unused land. 3. For this project ToR has been issued by SEAC on dated 20.08.2019 vide letter no. 231/SEAC-4/19. As per ToR the 	EC may be given with the following special conditions in addition to the standard conditions for chrome ore beneficiation plants: 1) All the run off water of the project area including rain water falling in the area shall be collected in a

								<p>baseline Study was conducted during the period 1st March 2019 – 31th May 2019 (Pre-Monsoon Season) and accordingly prepared EMP report.</p> <p>4. The Major Objective of the Company is to Beneficiate Low Grade Chrome to Chrome concentrate and sell to various industries of Odisha & other states of India. The Project will have an 100% capacity of beneficiation 120000 TPA of Siliceous Chrome ore material. The concentrated chrome ore output is envisaged as 74400 TPA with conc. Of Cr₂O₃ between 46 to 54%.</p> <p>5. Site Location and Connectivity - The site is located at Mouza-Baunsamuli, Thana-Badachana, District-Jajpur of Odisha. Total Area of the plant is 13.43 acres. Out of Total land, 5.38 acres (5.435 Ha.) had been acquired at Village-Salapada, Tehsil-Darpan, Thana-Badachana, District- Jajpur of Odisha State. There is no habitation in the proposed area. Nearest habitation is Salapada which is at a distance of 0.30 km from project site. The site is well connected with the road. NH-5 is at a distance of 12-15 Km from the project site. The nearest railway facility is Barithengarh Railway Station which is 7.5 km. The Nearest airport is Bhubaneswar at 53 km and nearest seaport is Paradeep at a distance of 84 km (SE) from the project site. Water Bodies: KumariaNadi- 8.2 Km & Mahanadi River- 17 Km. Nearest town Chandikhol located at a distance of 10.0 Km from the project site. NH- 5 connects the factory site with major cities like Jajpur, Dubri, Sukhinda, Kailpani in order to get their raw materials transported to the factory site. It also connects the States like West Bengal, Andhra Pradesh, therefore the end processed products can easily be transported to the buyer's site with the convenient connecting Conveyance Facilities.</p> <p>6. The project area is not coming in D.L.C. report and also not involved Wildlife Sanctuary area and the land is purchased by the project Authority.</p> <p>7. Public Hearing was conducted on 15.12.2020 and the most of the people in the PH supported the project. There is also public apprehension that depletion of ground water and water pollution. The project Authority assure that total water requirement for this project will be 120 m³/hr and already Central Ground Water Authority has given permission to extract 138 m³/day water and 30 % of the total water requirement will be recycled and reuse in the plant. No waste water will be discharge to the outside from the plant premises.</p> <p>8. Water Requirement: Total Water requirement for the plant– 2,880 m³/day. Water will be kept in closed circuit & will be recycled and hence, conservation of freshwater to about 30% of the total requirement. Thus fresh make water requirement is envisaged to be 46 m³/hr or 1,104 m³/day and source is bore well. Total</p>	<p>tailing pond to be suitably located for collecting all such water by gravity flow. The water shall be treated in the tank by chemicals to reduce all hexavalent chromium to trivalent chromium compound. The tailings from this pond shall be disposed of to authorised vendor for appropriate mode of disposal.</p> <p>2) Adequate measures such as paving of all surfaces, sprinkling of water while transporting material by covered trucks,</p>
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Raw material handling yard (Unloading, Stacking)	Fugitive Dust	Dust suppression system such as water sprinkling																			
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										<p>runoff/ground water consequently contaminating the water body.</p> <p>hydroxide precipitate will be disposed off to an authorised Treatment, Storage and Disposal facility (TSDF). The treated water to be used in plant through recycling process. No waste water</p> <p>15. Solid waste and management: The estimated Tailing generation from the process would be 45,600 Ton/Yr. Considering the life of plant 6 years, total tailing generation worked out to be 2,73,600 Tons. The tailings discharged through beneficiation process will be treated with ferrous sulphate to minimize the hexavalent chromium in the tailings. The tailings will be processed in filter press and the cake disposed off in TSDF. Garland drains will be constructed to collect the discharges and the same will be drained down to re-circulation pond. To control the dust handling of feed ore and finished product, water sprinklers in Raw material yard and finished product yard have been recommended. In addition adequate plantations are recommended. ETP Sludge – 1200 TPA will be disposed off in TSDF. Waste oil in small quantities will be generated from gear box and other machineries and will be disposed off to authorized recyclers registered with Pollution Control Board.</p> <p>16. Greenbelt / plantation will be done in 33% (i.e. 4.43 acres) of the total plant area. The entire plant is set up at an area of 1.30 acres. Plantation will be done in and around the plant premises. 80% survival rate will be maintained with all possible efforts. The trees will be planted at suitable grid spacing to encourage proper growth. Local plant species will be preferred.</p> <p>17. Total Cost of the proposed project will be ` 984.81 Lakhs.</p> <p>18. The project proponent along with the environment consultant M/s Visiontek Consultancy Services Pvt. Ltd.,Bhubaneswar made a detailed presentation before the SEAC on 01.09.2021.</p> <p>19. ToR was issued by SEAC, Odisha for this project on dated 11.12.2020 for EIA & EMP.</p> <p>20. Public hearing was conducted on 15.12.2020 at Baunsamuli village of Jajapur district and the following point raised in the PH are as follows:</p> <p>a. Demand for preventive measure on air and water protection and</p>

								<p>local employment</p> <p>21. SEAC recommended the proposal with following specific conditions:</p> <ol style="list-style-type: none"> a. Waste water that will be generated from the tailing shall be treated in ETP wherein hexavalent Chromium shall be reduced to trivalent chromium by dosing it with appropriate standard chemical following due technical procedure. b. PP shall obtained NOC to use Panchayat road from concerned BDO. c. Big tree including the fruit bearing trees shall not be cut and if necessary to relocate, the same may be de-rooted and replanted in green belt area/along the boundary wall. <p>22. The proposal was placed in the 81th meeting of SEIAA was held on 26.05.2022 and was decided that "This EIA study report (final) does not quantify the potential impact of the different processes. Mitigation measures are also not specific, but couched in vague terms. This EIA study report may be forwarded back to SEAC for a detailed site inspection and re appraisal of water budgeting, waste disposal and mitigation of particulate matter pollution in the surroundings".</p> <p>23. Accordingly, the ADS letter has issued to the PP and now the PP has submitted their ADS for consideration. The SEAC also submitted their appraisal report and mentioned two of the committee members visited the project site on dated 17.03.2022. Following are the observations and recommendation of the sub-committee of SEAC.</p> <ol style="list-style-type: none"> i) The PP shall submit a sketch of the layout map (not to scale) of the proposed plant showing the boundary wall, material entry and exit gate and employees movement gate separately, Tailing pond, ETP, Recirculation pond, Rain water Harvesting pond. ii) The waste water that will be generated from the tailings shall be treated in ETP wherein hexavalent Chromium shall be reduced to trivalent Chromium by dosing it with appropriate standard chemical following due technical procedure. This is to be put as a specific condition. iii) The PP shall obtain NOC to use the Panchayat roads from the concerned BDO for transportation of both input materials and finished products including the responsibility of maintaining the road if damaged by such transportation. 	
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2.	B1, EC	1(a) Mining of minerals	SIA/ OR/ MIN/ 4568 8/201	M/s Tarini Minerals Pvt. Ltd	Joruri Iron & Manganese Ore Mines of M/s Tarini Minerals Pvt.	01.11. 2019	Deferred by SEIA A	Online proposal for EC	<p>This is regarding a new proposal for enhancement of production capacity of Iron ore. The project has submitted at SEIAA under Category 'B1' Ha. As per the EIA Notification, 2006, this project falls in the schedule under SI.No-1(a) –“Mining of Minerals” of non-coal mining sector. The project proponent has submitted proposal for grant of EC of Joruri Iron & Manganise Ore Mines of M/s Tarini Minerals</p>	There is proof in the online PARIVESH portal regarding receipt

			8		<p>Ltd over mining lease area 66.368 Ha for "enhancement of iron ore production to 4.27 lakh TPA along with existing crushing unit of Primary Crusher (40 Tph) And 2 X 12 Tph secondary crusher, located at Village(s) Jajang & Khandbandh, Tehsil-Barbil, District Keonjhar</p>		<p>Pvt. Ltd. over mining lease area 66.368 Ha forenhancement of production capacity from 46287 TPA to 4.27 Lakh TPA along with crushing & screening plant located in village Jajang & Khandbandh, Tahasil-Barbil, Dist-Keonjhar (Violation case). The following documents have been received Form-1, Form-2, PFR, EIA & EMP. Forest clearance certificate of 15.068 Ha, Remediation plan etc. The following deficiencies/omission have been noticed in the above documents.</p> <ul style="list-style-type: none"> • Nil <p>Other Points</p> <ol style="list-style-type: none"> 1. Initially there is a lease agreement in between the Collector Keonjhar on behalf of Govt. of Odisha and the lessee Sri Naranjan Pattnaik in a court paper on 06.02.1990 and Power of Attorney given to Sri Diptiranjan Pattnaik brother of Sri Niranjana Pattanaik for 20 years lease period. 2. The mining lease was executed on 06.02.1990 for 20 years with obtaining CTO from SPCB, Odisha and the lease period expires on 05.02.2010. The lessee has applied an application for lease renewals to the Collector Keonjhar vide letter no. 10745 on dated 22.11.2008 but the PP has not attached any renewal documents regarding this. <ol style="list-style-type: none"> a. While getting the mining lease initially the lessee has not obtained EC as the mining lease granted on dated 07.02.1990 which is before the commencement of EIA Notification of 1994 & 2006. b. As per the MoEF & CC Notification No. F.No. 11-51/2015-FC on dated 01.04.2015 mentioned that the tenure of lease period is 50 years as per Section 8A (3) of the MMDRA Act 2015 and the said lease period extended upto 05.02.2040. 3. The PP applied a proposal to MoEF & CC vide letter no. nil on dated 14.11.2009 for renewal of mine lease and enhancement of production of Iron ore and the Ministry issued a TOR On dated 18.01.2010 and following points area as follows:- <ol style="list-style-type: none"> The EAC in its meeting held on December 21-22, 2009 prescribed the following TOR on dated 18.01.2010. <ol style="list-style-type: none"> 1. Year-wise production details since 1994 onwards and clearly stating the highest production achieved in any one year prior to 1994. The model used and input parameters used for modeling, air quality control, wind flow, location map, location of sensitive receptor and if any habitation. 	<p>of Forest Diversion application in the Nodal Wing, Office of PCCF, Odisha on 18.12.2019. The status of the application and Stage of its pendency are however not known. The PP has to arrange for submission of a report from the concerned Forest Authority on the status of pendency of this application within one month. The remediation plan has to be substantially strengthened and reformulated to adequately address the adverse impact created on soil, ground water, leaching of waste dump, flora and fauna, waste accumulation, dust</p>
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									<ol style="list-style-type: none"> 2. Water requirement for the project and detailed water balance. 3. Necessary clearance from Competent Authority. 4. Details water conservation measure to be adapted by the PP. 5. Impact of the project on water both surface and ground water and necessary safeguard measures. 6. Necessary data and documents in case the working will intersect groundwater table, a detailed hydrological study should be undertaken and report furnished. 7. Details of first order stream, if any passing through lease area and modification/diversion proposed. 8. Detail of rainwater harvesting proposed, if any Information of site elevation, working depth, ground water table should be provided both AMSL and bgl. A systematic diagram may also be provided for the same. 9. Quantity of solid waste generation to be estimated and details of its disposal and management be provided. 10. Reclamation plan, post mine land use progressive green belt development plan shall be prepare in tabular form. 11. Impact on local transport infrastructure due to the project and its management. 12. Details of infrastructure facilities to be provided for the mine workers. 13. Public hearing. <p>4. The Ministry appraised the proposal in the EAC meeting held on July 22-24, 2013 as per the TOR issued on dated 18.01.2010 and the outcomes are as follows:-</p> <ol style="list-style-type: none"> a. The cost of the project is Rs. 5.0 Crores, Environmental cost towards EMP is Rs. 136 lakh towards capital investment Rs. 13 lakh towards annual recurring cost, budget for CSR-113 lakh as capital cost with 28 lakh as recurring cost for the surrounding areas. b. It was a violation case. The mine was operating from 1992 to 2008 and has enhanced production since 2007 from 15,000 to 2,08,000 TPA with obtaining prior EC. c. Forest Clearance obtained only for 15.068 Ha lease area vide letter no. 8-22/91-Fc dated 07.02.1992. d. It was also noted that the entire mine lease is forest 	<p>pollution, etc. within one month.</p> <p>The SEIAA, based on the recommendation of SEAC deems it appropriate to convey to the PP the decision to accord EC, in terms of MOEF&CC OM on the relevant matter dated 09.09.2011, The formal EC shall be issued on submission of Stage-I Forest Clearance within 12 months, and approval of the remediation plan by SEIAA. The usual EC conditions for such units may be imposed.</p>
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									<p>area land and FC is not yet obtained for entire area.</p> <p>e. The baseline study was carried out during December, 2009 to February, 2010 hence data was more than 3 years old therefore, the committee was of the view that baseline data shall be collected for further one season. The committee decided to defer the proposal to be brought back after the following information is submitted:</p> <ul style="list-style-type: none"> ▪ The baseline data for one season ▪ Twelve (12nos) mines are working in the vicinity of the Joruri iron and manganese Mines; hence the cumulative impact assessment needs to be done. ▪ The discrepancy in EIA/EMP report and mine plan viz land use details, conceptual plan etc. shall be rectified. ▪ The MoEF & CC transferred the proposal to SEIAA, Odisha as the lease is < 100 Ha based on the EIA Notification 14.08.2018. <p>5. The proposal was placed in SEAC meeting held on 05.12.2018 and subsequently ToR was issued by SEAC vide letter no. 1084/SEAC-174 on 14.12.2018.</p> <p>6. The proponent has complied all the TOR condition issued on 14.12.2018 by SEAC and accordingly submitted Final EIA/EMP report along with Remediation Plan and the natural and community resource augmentation plan for Assessment of ecological damage for the violation period.</p> <p>7. The SEAC recommended the proposal for grant of EC subject to submission of stage-I Forest Clearance.</p> <p>8. After several clarification again the proposal was placed in SEIAA meeting held on 19.05.2022 and accordingly clarification raised vide our letter no. 4602/SEIAA dated 23.05.2022 on the following point as follows:</p> <p>a. First of all, the PP has to intimate the period during which mine has been operated or any activity ancillary to mining has been taken up without having the EC, and the quantum of violation production made by the PP during this period. The quantum of violation of EP Act/EIA Notification, 2006 for assessment of penalty / compensation may be known by referring to the said report.</p> <p>Reply: The mine was under operation till the year 2009-10. The mine was operated on the basis of Consent to Operate. The excess production calculated by DDM Joda was 680348.60 Ton and issued demand notice vide letter</p>
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									<p>no. 4134/Mines dated 02.09.2017 for deposit of Rs. 67,33,84,159/- but amount deposited on dated 30.12.2017 and again returned 11/01/2018.</p> <p>b. A remediation plan has to be submitted by the PP to remedy the adverse impact on environment comprising of soil, water, air, accumulation of waste and its improper disposal, etc. The remediation plan has to be approved by SEIAA.</p> <p>Reply: The remediation plan submitted and details attached separate file ADS letter.</p> <p>c. As per the OM of MoEF&CC dated 09th September, 2011, the PP has to inform the SEAC about the status of his application for forest clearance, along with the necessary documents from concerned forest authority. If after consideration the SEAC recommends the project for EC and the SEIAA approves of the proposal for grant of EC, a time limit of twelve months may be given to the PP to submit the requisite Stage-I forest clearance.</p> <p>Reply: The proponent has applied an application form online on dated 03.12.2019 for Forest Clearance for diversion of entire 66.368 Ha. forest lands still it is pending. The Forest Clearance application is pending due to some documents at Project Authority end as it appears in Parivesh Portal.</p> <p>In view of the above the proposal may be placed in the SEIAA meeting for consideration.</p>	
3.	B1, EC	Industry-2	7399 8/28- IND/0 4- 2022	M/S. Hindalco Industries Limited	Proposed Expansion of Existing FRP plant from 1.35 Lac TPA [Hot Rolled Coil (HRC) & Cold Rolled Coil (CRC)] to 5.85 Lac TPA Hot Rolled Coil (HRC) including existing 1.35 Lac TPA Cold Rolled	04.04.2022	Under examination of SEIAA after SEAC	Online proposal for EC	<p>This is regarding an expansion proposal for Installation of Chrome Ore Beneficiation Plant. The project has submitted at SEIAA under Category 'B' Ha. As per the EIA Notification, 2006, this project falls in the schedule under Sl.No.2(b) –“Mineral Beneficiation Unit” of non-coal mining sector. The project proponent has submitted proposal for grant of EC Expansion of Existing FRP plant from 1.35 Lac TPA [Hot Rolled Coil (HRC) & Cold Rolled Coil (CRC)] to 5.85 Lac TPA Hot Rolled Coil (HRC) including existing 1.35 Lac TPA Cold Rolled Coil (CRC) at Villages Jamda and Jamda (Nimpali), Tehsil Hirakud, District Sambalpur (Odisha) and the Project proponent is Sri. Surajit Mitra (Asst. Vice President & Unit Head Hirakud FRP).</p> <p>The following documents have been received Form-1, Form-2, PFR, EIA & EMP. land schedule and CTO etc.</p> <p>The following deficiencies/omission have been noticed in the above documents.</p> <ul style="list-style-type: none"> • Nil <p>Whether SEAC recommended the proposal –Yes</p> <p>Other Points</p> <p>1. The proposal is for Environmental Clearance of M/s. Hindalco</p>	The MoEF's policy stance is that these mills need to be covered by the EC regime, as is clear from a reading of the minutes of the meeting held in MoEF on 23 rd & 24 th December, 2019 in the case of M/s Chromani Steels Pvt Ltd. (Cold Rolling Mill

					Coil (CRC) at Villages Jamda and Jamda (Nimpali), Tehsil Hirakud, District Sambalpur (Odisha) by Hindalco Industries Ltd.			<p>Industries Ltd. for Proposed Expansion of Existing FRP plant from 1.35 Lac TPA [Hot Rolled Coil (HRC) & Cold Rolled Coil (CRC)] to 5.85 Lac TPA Hot Rolled Coil (HRC) including existing 1.35 Lac TPA Cold Rolled Coil (CRC) at Villages - Jamda and Jamda (Nimpali), Tahasil-Hirakud, District Sambalpur (Odisha) of Sri. Surajit Mitra (Asst. Vice President & Unit Head Hirakud FRP)</p> <ol style="list-style-type: none"> 2. The project falls under schedule 3 (a) "Metallurgical industries (ferrous & non ferrous)" Category-B as per the EIA notifications, 2006 amendments thereafter. 3. Environmental Clearance was obtained for Captive Power Plant of Indian Aluminium Company Ltd at Hirakud(60 MW) by MoEF & CC on dated 11.05.1989. 4. EC issued by MOEF & CC on 10.01.2001 for Expansion of Aluminum Smelter Plant at Hirakud by M/s India Aluminium Company Ltd. 5. The ToR Letter issued by SEIAA, Odisha vide their letter no. 3488/SEIAA dated 18.11.2021. 6. Public Hearing for the proposed project was conducted on 09.03.2022 at District Auditorium, near Circuit House, Sambalpur by Odisha Pollution Control Board. The major issues raised during the Public Hearing were regarding employment, environmental pollution, education & sports, health care facilities, peripheral development, CSR activities, etc. Company has allocated ` 30.612 Crores for implementation of the commitments made during Public Hearing, as per OM dated 30thSept. 2020 & 20thOct. 2020. 7. The project proponent has clarified that the project is not located within Severely Polluted Area (SPA) of IB valley and distance of Hirakud FRP unit is 16.5 KM away from the nearest CPIC area. 8. The existing area of FRP Plant is 19.401 Ha. Additional area of 4.63 Ha will be required for proposed expansion project. Total FRP Plant area after expansion will be 24.031 Ha. The same is under possession of the company. Out of the total FRP plant area i.e. 24.031 ha, 2.88 ha will be covered under green belt/plantation within the plant premises for the expansion project. Apart from the above, 5.1 ha of additional area (adjacent to the FRP plant area) will be covered under 	proposal). So EC may be given with the stipulations proposed by SEAC. All demands admitted in public hearing be accepted as conditions of EC.
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									<p>greenbelt/plantation to cover 33% (7.98 ha) of the plant area under the greenbelt. And 10.8 ha has already been covered under plantation outside the plant premises.</p> <p>9. M/s. Hindalco Industries Limited has an existing Aluminium Smelter of capacity 2.16 Lac TPA, Casting Plant of capacity 2.6 Lac TPA and CPP of 467.5 MW capacity at Villages Jamda, Lambaduguri, Taranagar, Jamda (Nimpali), Larbhanga, Tehsil Hirkud, District Sambalpur (Odisha) operating as per the Environmental Clearance obtained for 3.60 Lac TPA smelter & captive power 967.5 MW from MoEFCC, New Delhi vide Letter No. J-11011/400/2006-IA II dated 6th February, 2008, further amended vide letter no. J-11011/144/2006-IA II (I) dated 19th October, 2009.</p> <p>10. As per the EIA notification, 2006 as amended from time to time, stating that "In case of secondary metallurgical processing industrial units, those projects involving operation of furnaces only such as induction & electric arc furnaces, submerged arc furnaces & cupola with capacity more than 30,000 tons per annum (TPA) would require EC". As no such furnaces were proposed in the FRP plant, therefore, No EC was required for the same and the FRP Plant is operating on the basis of CTE & CTO obtained for the same. The initial CTE for FRP Plant [(1.35 lac TPA (Stage I) and 1.50 Lac TPA (Stage II) as a part of Phase II expansion of Smelter Plant] was issued by SPCB, Orissa vide File No. 5288/Ind-II-Noc-4655 dated 27.03.2010. where, a Special condition no. 2 stated that "The unit shall inform MoEFF, GOI, about the incorporation of FRP plant in the above expansion proposal & shall take additional environmental protection measures required if any advised by MoEFF, GOI". Apart from the above, as per common condition (3) of CTE stated that "Construction of stage-II of phase-II expansion shall commence after requisite land is acquired and environmental clearance is obtained from MOEF, Govt. of India." Accordingly, intimation regarding FRP plant was submitted to MOEFCC vide letter dated 25.10.2010. The CTO was issued by OSPCB for Proposed FRP Plant (CRM) (1.35 Lac TPA) vide letter no.10958/Ind-I-Con -6394 dated on 30.05.12. The CTO was issued by OSPCB for Proposed FRP Plant (CRM, HRM) (1.35 Lac TPA) vide letter no. 6919/Ind-I-Con -6394 dated on</p>	
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									<p>01.05.2014. The current CTO issued Vide letter no. 3212/IND-I-CON-6394 dated on 20.03.2018 further amended on 18.12.2020 (valid upto 31.03.2023). Further, CTE was obtained from SPCB, Orissa vide file no. 5747 /Ind-II-Noc-6280 dated on 13.06.19 for Modernization of Hirakud FRP unit [to enhance the value addition of the existing CRC by increasing the tension levelled and degreasing the production capacity and Hirakud FRP and enhance the capability to produce Coils of thickness of 0.4 – 4 mm (currently 0.6 – 3.18 mm) width of 2000 mm (currently 1600 mm) with Hard Alloy Coil as the focused product and establishment of Polycrack Converter of Capacity of 0.5 MT/day to make the plant site non -hazardous solid waste free]. As per General conditions A(1) of the CTE stated that “The proponent shall inform to the MoEFCC, GOI, about modernization of existing FRP plant as same was not part of the original proposal for which EC has been obtaining & shall take additional pollution control measures as advised by the MoEFCC, GOI” and General Condition A(3) stated that “Under no circumstances the proponent shall increase Flat Rolled Aluminum Productions beyond 135000 TPA as granted in the existing consent to operate (CTO)”. Accordingly, intimation regarding FRP plant was submitted to MOEFCC vide letter no. HFRP/ENV/2018-19/029 dated 23.09.2019; The modernization is under implementation phase as per CTE obtained.</p> <p>11. As per NGT order issued on 12.02.2020 “regarding applicability of EC for Re-rolling / Cold Rolling Mills operating as per CTE & CTO”, para 10 states that “the Ministry has accepted the recommendations no. (iii). of EAC to allow those units, operating under the CTEs/CTOs obtained from the respective State Pollution Control Boards, for a period of one year. Further, it has been decided that the requirement of EC or not for such units is a policy decision. Hence, the Ministry will constitute an Expert Committee, other than an EAC, having metallurgical experts for their recommendations”.</p> <p>12. Therefore, considering all the facts given above, HIL has proposed to obtain EC for the Proposed Expansion of Existing FRP plant from 1.35 Lac TPA [Hot Rolled Coil (HRC) & Cold Rolled Coil (CRC)] to 5.85 Lac TPA Hot Rolled Coil (HRC) including existing 1.35 Lac TPA Cold Rolled Coil (CRC) at</p>	
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									<p>villages Jamda, Jamda (Nimpali), Tehsil Hirakud, District Sambalpur, Odissa. Finished Product (CRC) from Hirakud FRP plant will remain 1.35 lac TPA. Rest of the 4.50 lac TPA semi-finished Product (HRC) will be sent to the FRP plant (CRC) proposed within the existing plant premises of Aditya Aluminium (A Division of Hindalco Industries Ltd.) at Lapanga, Tehsil Rengali, District Sambalpur (Odisha).</p> <p>13. Location and Connectivity - Nearest national Highway is NH-6 at 2.5 km and State highway is SH – 10 at 8 km. Nearest Railway station are Hirakud Railway Station is 4 km and Sambalpur Railway station is 6.5 km and Sambalpur Road Railway Station is 8.5 km. Nearest Reserve Forests are Lakshmi dungri RF is at 0.5 km, Lamdungri RF at 2 km and Jamarha RF is at 3 km. Nearest water bodies are Mahanadi River adjacent to plant, Hirakud Reservoir is at 2.25 km, Power channel reservoir is at 3 km, Rapta Nala is at 3.5 Km, Kharjor Nala is at 0.8 Km and a low lying area (in Northern corner of the additional land of FRP expansion project). No National Park, Wildlife Sanctuary, Biosphere Reserve, PFs falls within 10 km radius of the plant site.</p> <p>14. The unit configuration and capacity of existing and proposed project is given as below: - HRC (Hot Rolled Coil): From 1 x 1.35 Lac TPA to 1 x 5.85 Lac TPA (Expansion) CRC (Cold Rolled Coil): 1 x 1.35 Lac TPA (No Change)</p> <p>15. Raw Materials - The raw materials required for the proposed expansion project include - Ingots from Hirakud Smelter (1.85 LTPA) and Sheet Ingots from Aditya Aluminium (A Division of Hindalco Industries Ltd.) (4.50 LTPA including 3.40 LTPA Molten Aluminium & 1.10 LTPA Aluminium Scrap). Fuel required for the proposed expansion project include Premium LSHS/LDO (Sulphur <= 1.5%) (21450 KLA) from Oil Refineries at Barauni/ Haldia/ Vizag and PNG (86.32 Million SCM) by GAIL (India) Ltd. Premium LSHS/LDO shall be replaced with PNG in Melting-Holding furnaces, subject to the availability by GAIL (India) Ltd. The equipment will be capable of taking care of PNG fuel also.</p> <p>16. Water Requirement - After expansion, total fresh water requirement will be 573 KLD (Existing 211.5 KLD & Additional</p>	
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Discipline	Anticipated Impact	Mitigation Measures													
Air	Construction Phase: Dust (Particulate Matter) and NOx concentration due to	<ul style="list-style-type: none"> Sprinkling of water on construction site and on unpaved roads during 													

									<p>Leveling activity and Heavy vehicular movement may cause health effects such as respiratory diseases. However, the impact will be for short duration and of minor nature. This will be confined within the plant boundary.</p>	<p>construction.</p> <ul style="list-style-type: none"> • Mobile vacuum dust sweeping system on industrial roads and vacuum dust cleaning system for plant area • Construction equipment having PUC certificate will be deployed. • Proper upkeep and maintenance of vehicles. 		
									<p>Operation Phase: The major air pollutants due to FRP expansion are the PM and oil & emulsion fumes from the process stack. Fugitive emissions due to material handling, transportation or material transfer.</p>	<ul style="list-style-type: none"> • Demisters have been installed with CRM stack to ensure PM emission levels within the prescribed limits i.e. 50 mg/Nm³. And also minimized the oil & emulsion fumes generated during rolling process. • PM from stacks attached to proposed remelt & casting facility will be limited to 100mg/Nm³ with suitable technology. Regular road washing on internal roads • Cleaner fuel will be preferred instead of conventional fuels i.e. Premium LSHS/LDO or PNG (gas subject to availability) • Three CEMS (Continuous Emission 		

										Monitoring System) & 2 EQMS are already installed in FRP Plant for periodic monitoring of air with Real Time Data communication to OSPCB & CPCB sever.		
										<p>Noise</p> <p>Construction Phase: Noise increase due to construction equipment may cause disturbance, inconvenience, loss of concentration, hearing problems, etc.</p> <ul style="list-style-type: none"> • Equipment will be kept in good condition to keep the noise level within 90 dB (A). • Workers will be provided necessary protective equipment e.g., ear plugs, earmuffs. • Continuous exposure of workers will be avoided by alternating the duties on daily basis. • The high noise zones at site will be demarcated and provided with enclosures & barriers. 		
										<p>Operation Phase: The noise generated will cause a significant impact on workers and surrounding residents and if exceeds the permissible levels for a continuous period of time, this will reduce the workers efficiency.</p> <ul style="list-style-type: none"> • All the design/installation precautions as specified by the manufacturers with respect to noise control will be strictly adhered to for new expansion projects too; • Design and layout of building to minimize transmission of noise, segregation 		

										<p>of particular items of plant and to avoid reverberant areas; Buildings have been / will be acoustically designed.</p> <ul style="list-style-type: none"> • Use of lagging with attenuation properties on plant components / installation of sound attenuation panels around the equipment. • Regular maintenance of the various equipment. 	
										<p>Water</p> <p>Construction Phase: Suspended solids load due to soil run-off during heavy precipitation due to loose soil at construction site. Stagnant water or water logging for a long time may leads to various water borne diseases & unpleasant smell in nearby area.</p> <ul style="list-style-type: none"> • There is a storm water collection pit capacity 750 KL where storm water is being collected and settled before discharging the excess water outside during monsoon and heavy rain. • During normal rain the storm water collected at the pit is sent to ETP and is recycled as process water. • On an average 1500 KL of water is being recycled every month. • Domestic waste water will be treated in the existing STP (100 KLD) within the plant premises. 	

								Soil stockpiling which results in soil deterioration or reduce fertility of soil if not managed properly.	<p>Construction & demolition waste will be managed as per C&D Management Rules, 2016.</p> <ul style="list-style-type: none"> To minimize the extent of soil stockpiling, soil will be used in greenbelt/plantation. 		
								<p>Operation Phase: Degradation of soil quality may take place due to the settling of air borne dust, contamination due to the effluent discharge, material spillage, unscientific disposal of solid and hazardous waste, if any. This may lead to change in physicochemical characteristics of soil of the area.</p>	<ul style="list-style-type: none"> Use of efficient pollution control system Adequate stack height helps to control dust emissions. No waste water is being /will be discharged outside the plant premises. Solid and hazardous waste is being/will be disposed of as per prevailing rules. A horticulturist has been engaged who ensures soil quality improvement in the plant area, by adequate manuring and fertilizing. Therefore, no adverse impact on the soil quality of the area is / will be anticipated. Besides, soil samples are being collected and tested at regular intervals from the nearby 		

									areas.	
									<p>21. The project proponent along with the consultant M/s J.M. Enviro Net Pvt. Ltd., Haryana made a detailed presentation on the proposal.</p> <p>Considering the information furnished and the presentation made by the consultant, M/s J.M. Enviro Net Pvt. Ltd., Haryana along with the project proponent, the SEAC recommended for grant of Environmental Clearance valid for 10 years with stipulated conditions as per Annexure – B with following specific conditions:</p> <ol style="list-style-type: none"> i) Dross generation and Utilization plan for its complete and safe management. ii) Must have provision of 5percent of solar power of the total demand of 55,000KVA. iii) This EC is recommended without prejudice to the fact that the operation of this unit without EC since order of the Hon'ble NGT dated 12/2/2020 shall be dealt with as will be decided by MOEF & CC and / or Hon'ble NGT or any other appropriate authority or court of law in the matter as to the requirement of EC or not for such units. <p>In view of the above the proposal may be placed in the SEIAA meeting for appraisal.</p>	
4.	B1, EC	1(a) Mining of minerals	SIA/OR/MIN/61542/2007	Sree Metaliks Ltd.	Proposal for enhancement of production capacity of EC of Khandbandh Iron Ore Mines(35.774 Ha) of Sree Metaliks Ltd. for enhancement in production capacity from 0.702 MTPA to	08.03.2022	Under examination of SEIAA after SEA C	Online proposal for EC	<p>This is regarding a new proposal for enhancement of production capacity of Iron ore. The project has submitted at SEIAA under Category 'B1' Ha. As per the EIA Notification, 2006, this project falls in the schedule under SI.No-1(a) –“Mining of Minerals” of non-coal mining sector. The project proponent has submitted proposal for grant of EC for enhancement of Iron ore production capacity from 0.702 MTPA to 1.50 MTPA for Khandbandh Iron Ore Mines (35.774 Ha) along with Crushing & Screening Plants Located In Baitarani Reserve Forest Near Village Khandbandh Under Barbil Tahasil of keonjhar District, Odisha. The Project proponent is Sri Rewati Raman Sharma Director of M/s SREE METALIKS LTD.</p> <p>The following documents have been received Form-1, Form-2, PFR, EIA & EMP. land schedule and CTO etc.</p> <p>Other Points</p> <ol style="list-style-type: none"> 1. Initially the project Authority had obtained EC from SEIAA Odisha vide letter no. SEIAA/362 dated 06.09.2010 for production of Iron Ore having capacity 0.702 MTPA. The mine is operation. It is a captive mine. The Public Hearing was held on 18.02.2009 and EC was granted on 06.09.2010, and the mining activities started since March 2018. 	EC be issued with the standard conditions of iron ore mining prescribed by MoEF&CC, as recommended by SEAC.

					1.50 with crushing & screening plants located in Baitarani Reserve Forest under Keonjhar Forest Division near village Khandbandh under Barbil Tahasil of Keonjhar District, Odisha				<p>2. The Regional Office of MoEF & CC submitted certified EC compliance report on dated 03.03.2022. As per MoEF & CC certified compliance report it reveals that the PA complied all most all conditions of EC.</p> <p>3. Now, the proposal for enhancement of Iron ore production capacity from 0.702 MTPA to 1.50 MTPA for Khandbandh Iron Ore Mines (35.774 Ha) along with Crushing & Screening Plants Located In Baitarani Reserve Forest Near Village Khandbandh Under Barbil Tahasil of keonjhar District, Odisha</p> <p>4. The Khandbandh Iron Ore Mines is captive mines of M/s Sree Metaliks Ltd spreads over an area of 35.774 hectares located in Baitarani Reserve Forest under Keonjhar Forest Division near village Khandbandh under BarbilTahasil of Keonjhar District, Odisha. The entire mining lease area of 35.774 ha falls within the Baitarani Reserve Forest. The Mining Lease area was granted vide letter no III(A)SM-36/2002/407/SM dated 11.01.2017 under Rule 8(2) of MCR 2016 for a period of 50 years in favor of M/s SreeMetaliks Ltd. Subsequently, the ML was executed on 11.01.2017 for a period of 50 years from the date of execution i.e. w.e.f. 11.01.2017 to 10.01.2067 in favor of M/s SreeMetaliks Ltd. After the execution of the lease deed the mining operation was started on 21.03.2018.</p> <p>5. The proposal was appraised in the SEAC meeting held during 14.7.2021 and the committee recommended for prescribing ToRs for undertaking EIA study for proposed project. Accordingly, SEIAA, Odisha prescribed ToRs vide letter 1798/SEIAA dated 26.07.2021 for Environment Clearance enhancement in production capacity from 0.702 MTPA to 1.50 MTPA with crushing & screening plants by fully mechanised mining method.</p> <p>6. As per the EIA Notification 2006(and amendment thereof), the project fall under activity wise 1(a) and Category 'B' with area threshold limit.</p> <p>7. The life of the mine is calculated to be 08 year after the modified review period. (5 years of Review of Mining Plan period + 3 years of conceptual period).</p> <p>8. During plan period 2 quarry i.e. 1 & 2 will be developed and further it will merge to single Quarry. Fully Mechanized open cast mining with Crushing & screening units. Geological Reserves is 17.71 Million Tonnes. Mineable Reserves is 10.973 Million Tonnes, Average Bench height & width are 6m & 9m respectively. The final slope angle of the pit will be 45° at the end of the life of the mine, Cut-off grade considered is +58% Fe. Mineral reject is +45 to -58% Fe. 70% of the mineral reject produced will be blended with +58% ore and consumed, Life of</p>	
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								<p>mine is 8 years including the present plan period, Total generation of waste during plan period is 1969469 Cum. During Conceptual period 1047192 cum waste will be generate. Out of which 30% will be utilized for road maintenance. Remaining 70% will be backfilled in the earmarked site, Total generation of mineral rejects during plan period is 2710383 T. During conceptual period 655187 Cum mineral reject will be generated. out of which 70% will be blended and used and remaining 30% will be stacked temporarily in 2 no's of subgrade dump and further it will be re-handled, Mode of transportation will be through 25t to 30t dumper/Volvo.</p> <p>9. The total 1.620 ha safety zone area is been under green belt/plantation program.</p> <p>10. The Deep Hole–Drilling and blasting using bulk explosive (SME) shall be practiced. The design of blasting parameters was determined (Burden, Spacing, Charging and Stemming) to minimize the impact of ground vibration, noise & air over pressure and fly rock. Basically the blasting design would be with a spacing of 3.0 m and Burden of 2.5m and with a sub grade drilling of 0.6 m depth (10% of total bench height). The blasting is being carried out as per CFRI, Dhanbad.</p> <p>11. Reclamation and rehabilitation work will be undertaken as per the progressive mine closure plan.</p> <p>12. Total quantity of water requirement for the project is 159.80 m³/day out of which 150 m³/day will be met from Sona River and 9.80 m³/day will be from ground water. For withdrawal of water from both the source NOC had been obtained from the Proponent.</p> <p>13. Total Electricity required is 735 KVA and same will be sourced from state Grid. Two no's DG set of 15 KVA and 25 KVA shall be installed for standby purpose. At present power requirement meets from DG set only.</p> <p>14. Fuel Requirement in mine will be 5 KLD HSD for mining equipments and haulage purposes, which is procured just in time manner from outside petrol pumps.</p> <p>15. There will be 166 employees required for Mining Operation. However secondary employment shall be generated with the operation of the mine, which shall directly affect 166 families and indirectly affect another 85 families for their livelihood.</p> <p>16. The ML area is approachable from Joda via Bichhakundi. It is 8 km away from Joda. Banspani and Jururi Railway station are the nearest railway station from the lease area. Banspani Railway station at 10km and Jururi Railway station is 12km away from the lease area. Bhubaneswar airport (320 km away) is the nearest airport from the area. There is an airstrip/ helipad</p>	
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								<p>near Bhadrasai, Barbil which is around 21km from the lease area.</p> <p>17. The project will start within 45 days of issuance of environmental clearance from SEIAA Odisha</p> <p>18. Project Cost is Rs 32.43 Crore (Rs 29.8 Crore capital cost + Rs 2.63 Crore CER Cost)</p> <p>19. The monitoring to study the present environmental condition in terms of its components at the location was carried out from Oct 2020 to Dec 2020.</p> <p>20. The meteorological conditions in an area regulate the transport and diffusion of air pollutants released into the atmosphere. These data are very important for proper interpretation of the baseline information as well as for input prediction for air quality prediction models. Based on the last three months' average diurnal climatologically data from the AERMOD source. Wind is blowing from South-West to North-East and resultant wind direction is 117° which is 14%.</p> <p>21. Average rainfall of 10 years from 2006 to 2018 is 1418.7mm. Site specific temperature is 130 min and 340 max. Similarly Humidity is 19% to 97%, Rainfall is 0.0mm to 13.1mm. Predominant wind direction is SW to NE.</p> <p>22. For Ambient Air Quality eight location are chosen. Out of eight, four are chosen from Project site & four are chosen within the buffer zone having distance 2.73 to 4.56km within 5km radius distance from the project boundary inward direction to the resultant wind direction is expected to carry the total pollution load. It is observed that the all parameters at all stations are well within the limits prescribed by Central pollution control Board.</p> <p>23. The baseline air quality data indicates that the average PM10 ranges from 41.8-80.2µg/m³, PM2.5 ranges from 11.8-45.20µg/m³, SO2 ranges from 4.2-9.22µg/m³, NOx ranges from 8.2-17.2 µg/m³. As per NAAQS norms 100, 60, 80 & 80 µg/m³ respectively is the ranges. The concentration of Particulate matter in nearby areas shows that the impact of mines is not so significant or the line source of dust emission is under control. In an overall sense the AAQ are well within the NAAQS standard for the area.</p> <p>24. Based on the proposed production enhancement, the maximum increments in the concentrations of PM10, PM2.5 & NOx are 5 µg/m³, 0.1 µg/m³, 0.1 µg/m³ respectively and the resultant concentrations are well within the NAQMS standards.</p> <p>25. To assess the level of fugitive dust due to mining and allied activities, 8 monitoring stations were selected within the lease considering the activity area. The fugitive emission from probable sources within the leasehold area are well within the</p>	
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									<p>limits and is under control due to regular water sprinkling on the haulage roads and open areas within the mine.</p> <p>26. The assessment of noise pollution on neighborhood environment due to the project was carried out keeping in view, all the considerations mentioned. Location N1, N2,N3& N4 are within project site. N5,N6,N7& N8 is farthest from the Project area which are within 2km to 6.50Km from the mine lease boundary. Core Zone Noise quality ranges in day time 55.1 to 60.8dB(A) & at night time 43.1-45.3 dB(A). Buffer Zone Noise quality ranges in day time 42.7to 45.3 dB(A) & at night time 35.8-37.5 dB(A). So, as per CPCB Residential area day time will be 55dB(A)& night time will be 45 dB(A) from which it is understood that the buffer zone noise quality is within the norms.</p> <p>27. The surface water location has been chosen within 10km radius from the project site to know the surface water quality. Considering no such discharge from the project, any surface water impacts is quite impossible other than any probable seepage and percolation to nearby static water bodies, however four surface water samples were considered i.e. Upstream & Downstream of Suna River, Water from river Baitarani near village Jalahari& water from Dalco Nala.</p> <p>28. The pH of the water samples collected ranged from 6.5 to 7.8. TDS ranges from 63 to 105mg/l, Sulphate ranges from 9 to 23mg/l, Nitrate ranges from 2.2 to 3.6mg/l, Chloride ranges from 12.4 to 16.2mg/l, Fluoride ranges from 0.26 to 0.54mg/l. However, from Surface water standard IS2296-Class-C pH ranges 6.5-8.5, TDS 1500mg/l, Sulphate 400mg/l Nitrate 50mg/l, Chloride 600mg/l & Fluoride 1.5mg/l it is observed that all the 4 location water are within the permissible water.</p> <p>29. The local water level fluctuation between Pre and Post monsoon 2011, in the Project area is between 4.0 to 4.5 m. The annual replenishable groundwater resource of the area is about 46.57 mcm. Based on the regional utilization of GW, the stage of development is only 41.40%.</p> <p>30. The ground water location has been chosen within 10km radius from the project site to know the ground water quality. Open wells as well as operating public bore wells were chosen for the sampling.</p> <p>31. The pH of the GW samples collected ranged from 6.2 to 6.99 and within the acceptable limit of 6.5 to 8.5. The total dissolved solids were found in the range of 38.4-182.2 mg/l. Total Hardness is ranged from 34 to 104mg/l. Chloride ranges from 13.6-28.17mg/l. Sulpahte ranges from 1.57-5.71mg/l. Iron ranges from <0.07mg/l. However, as per GW standard</p>	
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								<p>IS:10500:2012 all the values are within the acceptable limit at all locations.</p> <p>32. In all samples, toxic substances are within the limits, with bacteria is in absence. Thus, the ground water is required can be used for drinking and domestic use after necessary primary treatment, softening and disinfection.</p> <p>33. The study area is characterized by two types of soil – Alfisols and Ultisols. Soil samples from 5 locations are taken within the core and buffer zone for analysis. From the analysis the pH ranges from 6.48 to 6.72 from this the it concluded that soil is weak acidic in nature, Bulk Density ranges from 1.28-1.31 gm/CC. Water holding capacity ranges from 21.2- 22.1%. Nitrogen ranges from 0.051- 0.056 %. Phosphorus ranges from 0.0-17 0.019 %. Potassium ranges from 0.066- 0.069 %. From the above soil analysis data soil is fertile and good for agriculture process.</p> <p>34. The common flora existing in the lease hold area as well as in the buffer zone around a radius of 10 Kms of the project area are Shorearobusta, Terminlabelerica (Bahada), Terminalia tomentosa, Adina cordifolia, Anogeissus latifolia (Dhaura), Madhucalatifolia, Lagerstroerniaparviflora (Patuli), Holarrhena antidysenterica, Phyllanthusemblica, Ficus benghalensis, Madhucaindica, Anogeissus latifolia, Diospyros melanoxylon, Mangifera indica, Terminalia alata (Asan), Syzygium cumini (Jamun), Schleicheraleosa (Kusum) etc. Elephant, Sloth bear, Monitor Lizard are placed under Schedule-I as per Wild Life (Protection) Act, 1972 is found in the buffer zone area.</p> <p>35. There is no National Park, Wildlife Sanctuary, Elephant Reserve, Biosphere Reserve, Ramsar site or Tiger Reserve in the study area. Site Specific Conservation Plan prepared and approved by PCCF (wild Life) and Chief Wild Life Warden, Odisha vide memo No 4400/1WL(C) SSP-311/2011 dated 02.07.2011. The project has estimated cost of Rs. 82 lakhs for both buffer & core zone. Out of the above amount Rs. 68.00 lakhs has been deposited under CAMPA.</p> <p>36. There are 27 villages are coming within 5 km of the project impact zone the Khandbandh Iron Ore Mines project area for which need based assessment survey has been done. For immediate implementation 6 villages has been taken i.e. Khandbandh, Chormalda, Kundrupani, Guruda, Chhatabar & Tilapur.</p> <p>37. There is no human settlement in the M. L. area. The project does not envisage any leasing or acquisition of private land. Hence there will not be any land ousters who have to be</p>	
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								<p>resettled our rehabilitated.</p> <p>38. The project located at Khandbandh under Barbil division in Keonjhar District, Odisha. The total work force are highly skilled, skilled workers, semi-skilled, Executive staff & contractual are 166, Out of which, 30- 40 employees belong to villages are-Khandbandh, Chormalda, Kundrupani, Guruda, Chhatabar&Tilapur, within 5-7km radius of the M L area.</p> <p>39. The average Volume to Capacity (V/C) ratio for base year of study road network is estimated is about 0.279. In the study road network, improvements such as road widening on NH-215 which is going to be completed soon, road widening from Joda to Kalimati is going on which has been considered for performance evaluation.</p> <p>40. As per the CRRI study the additional allowable Iron ore is estimated for base year as per maximum V/C threshold (0.70) is about 214 Million Tons Per Annum (MTPA) for study road network in Joda- Barbil region. So, the additional traffic from Khandbandh Iron Ore Mines i.e. 8 tucks/hour add in the existing traffic on the road after start the mining operation which will have very negligible impact. The V/C ratio will remain in Category "B".</p> <p>41. Impact Assessment of the study area carried out for both operation and Mine Development phase of the proposed mines and mitigate measures are recommended for different environment such as Air, Water, Land, Biological Environment, Socio economic, Noise.</p> <p>42. Water sprinkling will be done at regular intervals on the dust prone areas such as haul roads and other possible dust generation areas to suppress emission and distribution of dust particles. Plantation will be undertaken in the safety zone to arrest the air borne dust from further spreading.</p> <p>43. In order to take extra protection measure of kundranalla loose boulder wall retaining wall followed by cemented wall followed by garland drain has been made. Settling pond/ check weirs has been provided at the strategic location. Further during the expansion the same run-off management structures will be augmented towards arrest the wash-off materials to settle the sediments.</p> <p>44. The maximum noise level prescribed by Director General of Mine Safety (DGMS) for an 8 hours exposure is 90dB (A). Therefore, control measures suggested keeping the noise level within permissible limit.</p> <p>45. Delay detonators will be used to split a large vibration package in to a number of small vibration levels. Vibration will also be minimized by changing the broad blasting parameters on trial &</p>	
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								<p>error basis.</p> <p>46. During the social impact assessment process, locals raised the question regarding more job opportunities. The proposed facility would generate jobs for the women laborers during construction as well as operation phase. This project will increase the economic activities around the area, creating avenues for direct/indirect employment in the post project period.</p> <p>47. Site selection has little relevance with respect to a mining project, which is mainly guided by geological occurrence of minerals and ores. Moreover, as stated earlier, Khandbandh iron ore mines is an existing iron ore mine of M/s. SreeMetaliks. Therefore, the site alternative is not pertinent with respect to the present proposal.</p> <p>48. For Work Zone weekly twice at various locations in the mines with parameters PM10, PM2.5, NO2, SO2 & CO and mineralogical composition monitoring will be done.</p> <p>49. For Ambient Air Quality two consecutive days in a week/station or as per SPCB requirement at 5 different locations (Core zone 2 + Buffer zone 3) with parameters Sulphur dioxide (SO2), Oxides of Nitrogen (NO2), Respirable Particulate (PM2.5/10) & CO monitoring shall be done.</p> <p>50. For Meteorology Continuous monitoring throughout the year 1 location within the mine lease area of parameters Wind speed and direction, Rainfall, Temperature and humidity monitoring shall be done.</p> <p>51. For Surface water Quarterly once or as per SPCB/MoEF & CC requirement as per IS 2296 location Upstream and downstream of Baitarani, Jalahuri, Sunanadi monitoring shall be done.</p> <p>52. For Ground water Quarterly once or as per SPCB/CGWA/MoEF & CC requirement as per IS-10500:2012 monitoring shall be carried out Near Mine Lease area, Open well near village Jurudi, Jajanga & Jalahuri</p> <p>53. For Noise level of work zone & ambient noise level Fort-nightly once or as per SPCB/DGMS requirement active mine working area, haul road, lease peripheral areas and based on their requirement & priority & different locations in and around the mines with consulting with Regional Officer, SPCB respectively monitoring shall be carried out.</p> <p>54. For Vibration monitoring shall be carried out at least two places within the mine lease area at an appropriate distance from the blast face. It shall be ensured that the vibration level due to blasting are less than the DGMS prescribed limits with parameters such as peak particle velocity, Air over pressure, fly rock measurements monitoring shall be carried out.</p> <p>55. For Socioeconomic environment in and around (local Villages)</p>	
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									<p>of the mines as per CSR activities and reported six monthly with EC compliance monitoring carried out. For Biological Environment Green belt development monitored inside mines area and buffer zone where ever plantation is being/will be carried out as per the six monthly compliance report.</p> <p>56. Details of Occupational Health environment shall be monitored and reported along with six monthly compliance reports.</p> <p>57. After analysis the analysis report are shall sent to OSPCB and Regional Office, MoEF& CC monthly basis. A copy of report shall be available in the mines with the concerned inspecting officers.</p> <p>58. The project has incurred an expenditure towards establishment of infrastructure related to environmental management system is Rs.76 Lakhs. However, the operating cost envisaged for recurring expenditures is Rs.26.14 Lakhs per year.</p> <p>59. For the socio-economic development of the local villages SreeMetaliks has been spend nearly 30 lakhs for different CSR activities for the year 2020-21. As per the recommendation of Need base assessment study by AISD, an amount of Rs 755.97 lakhs has been estimated for various socio-economic development in next 5 years. However in lieu of the recent notification of CER Spending, the final implementation plan and associated costs shall be decided based on the outcomes of Public Hearing is coming around Rs 2.63 Crore and according the project cost is Rs 32.43 Crore.</p> <p>60. The Public hearing was held on 06.12.2021 at 11.00 am at Baitarani Reserve Forest. SushamaBilung, Additional District Magistrate, Keonjhar and Shri Puskar Chandra Behera, RO, SPCB was addressed the meeting. The main demand of the public during PH was dust control, more plantation, ambulance facility, teachers facility for local village, development of local school infrastructure, peripheral development like road, water facility through tube well, electricity and employment for local people etc. The Project Authority assure to fulfill the demand of the public.</p> <p>61. Statement of issues and demands raised by the public and commitment of the project proponent during the public hearing held on 06.12.2021 at 11.00 am at Baitarani Reserve Forest 03 kms from village Khandbandh and about 20 mts from DalpahadBasti under Baitarani Reserve Forest(A) area. The public hearing implementation cost is coming Rs 2.63 Crore.</p> <p>62. Risk Assessment and Disaster Management Plan in connection with mining and allied operations of the project will be spelt out in detail to cover possible dangers / risks / explosions /accidents, etc. likely to arise from the project operations, including on site</p>	
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								<p>and off site emergency plans to meet the disastrous situations if any.</p> <ul style="list-style-type: none"> • Occupational Safety & Health • Socio Economic Study • Biodiversity Study with Audit Mechanism • Blasting Study • Dump Slope Study <p>63. Due to the proposed project there will be improvement in physical infrastructure by up gradation of nearby infrastructural facilities. M/s Shree Metaliks Private Limited is very much conscious about the socio-economical development of neighbouring areas, wants to change the quality of life and to develop social well-being of communities where it operates.</p> <p>64. As the project will be considerable employment & trade opportunities with the commencement of the production activities. Secondary jobs will also bind to be generated to provide daily needs and services to the work force. This will increase the demand for essential daily utilities in the local market.</p> <p>65. The EMP has been designed within the framework of various legislative and regulatory requirements on environmental and socio-economic aspects. Capital Cost earmarked for environmental Management Plan is 55.00 lakh and recurring cost shall be 19.lakh/annum</p> <p>66. Dust will be generated from mine working faces, occasional drilling and blasting, stock piles, crushing activity and also during handling and transportation of the material.</p> <p>67. Wind erosion resulting in particulate dispersion, fugitive dust during loading and unloading are mitigated by adopting optimum height of release of material from trucks, spraying water to maintain optimum moisture on the surface to preclude dust raise, provision of greenery surrounding the stock piles.</p> <p>68. Water sprinkling in haul roads to reduce the fugitive dust emissions.</p> <p>69. Overloading of trucks will be avoided to mitigate fugitive dust during transportation of mineral.</p> <p>70. Dry fog system has also been fixed in tertiary crusher area.</p> <p>71. Noise Quality Management</p> <p>72. Plantation of native trees in row around mine periphery including safety barrier area along the roads, other noise generating centers and simultaneous plantation in backfilled area to act as acoustic barriers.</p> <p>73. Sound proof operator's cabin for equipment like Excavator, Tippers/Dumper, etc.</p> <p>74. For less noise generation proper and regular maintenance of</p>	
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								<p>equipment shall be carried out.</p> <p>75. Providing in-built mechanism for reducing sound emissions.</p> <p>76. Providing earmuffs to workers exposed to higher noise level.</p> <p>77. Workers which are engaged in the noise prone area regular health check-up of workers including Audiometry test shall be carried out.</p> <p>78. The noise level status shall be displayed in the operational machinery on the machines to know the extent of noise level and to control the time to which the worker is exposed to higher noise levels.</p> <p>79. Waste water generated from domestic purpose which is being treated through STP. Garland drains & retaining walls have been constructed all around the dumps and plantation of native species on the dump slopes to minimize erosion. Drain shall regularly de-silt and maintained. Regular maintenance shall be carried out for the run-off management structure.</p> <p>80. Detail planning has been made for undertaking plantation. Regarding green belt development plan, till date a total of 4.696 Ha area has already been covered under plantation in safety zone area etc. within the lease area. Total 11740 no's of plantation existing at strategic locations like Safety zone, Dump slope, Haul road side etc. Further, for the next 10 year Lessee has planned for plantation of 18000 no's of saplings over an area of 7.04 Ha. Capital cost of Rs 21 lakhs & recurring cost of Rs 9.64 lakhs has been estimated for this purpose.</p> <p>81. Adoption of systematic and scientific mining, proper and timely execution of various environment management plan like fixed, mobile water sprinkling, rainwater harvesting, controlled blasting practices, effective solid waste management technique, surface run of management, surface drainage management, occupational health management, etc., will ensure maintenance of future environmental quality within statutory limits after the proposed expansion also.</p> <p>82. The proponent along with the consultant M/s. Ardra Consulting Services Pvt. Ltd., Bhubaneswar (NABET certificate No NABET/EIA/1922/IA0055) made a detailed presentation on the EIA/EMP report before the SEAC.</p> <p>83. The SEAC in its meeting held on dated 28.03.2022 decided to take decision on the proposal after receipt of the following information / documents from the proponent.</p> <p>(i) A comparative statement in matrix form of base line data regarding environmental parameters during the year 2009 submitted w.r.t EC granted is 2009 and the same parameters data in 2021 for above proposed EC be submitted.</p>	
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									<ul style="list-style-type: none"> (ii) Comparative position of PH (Public Hearing) issues raised during 2009, action taken on the same and issues raised in 2021 and action proposed thereof with definite time frame and associated cost be submitted. (iii) A comparative statement of salient physical features and environmental parameters of the existing Mines and proposed expansion be submitted in matrix form. The physical features, viz: dumps, retaining walls, garland drains, settling pond, RWHPs etc. be shown in the respective lay out maps and superimposed layout map of the proposed expansion on the existing one. (iv) Permanent occupational Health Centre committed by Project proponent put as a specific condition in EC in 2009 by SEIAA and is not complied as of to-day as observed in EC compliance report of RO, MoEF&CC, Bhubaneswar. Therefore, a specified definite time for compliance of the same be submitted, the copy of which will be forwarded to concerned District Administration for information & necessary action. (v) Certified copy of compliance to CTO conditions from Pollution Control Board, Odisha for the existing mines be submitted. (vi) Copy of compliance to NEERI recommendations be submitted with reference to physical features along with photographs, viz: Haulage Road, Plantation in Haulage Road, Parking Plaza etc. (vii) Socio-economic gaps as found out by socio-economic study be outlined, the mitigation measures recommended by experts(s) / Institute with time frame, target population and the cost associated be submitted. Action proposed by Project Proponent vis-à-vis the expert's recommendation be submitted. (viii) Tie-up / Agreements with Beneficiation / palletisation plant for beneficiation of low-grade Iron Ore with relevant document copy be submitted along with the capacity & capacity utilisation of the said plants vis-à-vis the generation of the low-grade Iron from existing mine, its current management & proposed expansion for at least next 5 years. (ix) What happens to total run-offs during monsoon at present and the proposed expansion in future? Management of the estimated quantity & disposal thereof be submitted. (x) Total 160 KLD water from "Suna River" is stated to be drawn and 9.8 KLD from ground water through bore well (being drawn now & in future also). So, it is suggested that 9.8 KLD 	
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									<p>ground water drawl be dispensed and the same be drawn from "Suna River" for drinking water purpose with necessary treatment & with due permission from W.R Deptt, Govt of Odisha. Though 'NOC' is taken from CGWA for 9.8 KLD ground water, necessary permission to be taken for the same from W.R Deptt, Govt of Odisha also.</p> <p>(xi) Existing management & de-siltation of Suna River, KakrapaniNala& surrounding about 15% Agriculture lands be submitted along with a write-up on illustration being practiced and for future with proposed expansion also.</p> <p>(xii) Physio-chemical analysis of water of Suna River with sediment analysis of the river including silica content be done & submitted to find potential of silt generation.</p> <p>(xiii) How vegetation is changing & what type of vegetation is changing due to the effect of the mining?</p> <p>(xiv) 166 Permanent employees and more than 200 floating employees will be working for this proposed mining i.e. total about 400 people will be engaged for the proposed mining as stated by project proponent during presentation. There is no STP inside the Mines and stated to have a STP outside the Mines. Details location of the STP with connectivity between mines & the STP shall be submitted. Further, the capacity of the said STP, details of effluents generated by the mines & the people outside with calculation and disposal details of treated waste water & STP sludge be submitted with connectivity drawing etc.</p> <p>(xv) The possible important risk factors are slope failure of ore, OB & its dumps, Mineral waste, flying rocks during blasting, intersection with underground water in mining, seepage of mining etc. Mitigation measures for the above be submitted.</p> <p>(xvi) Protection & conservation plan of endangered, threatened and nearly threatened species / wild lives likely to be affected due to the existing mines & proposed expansion be submitted, identifying the species also.</p> <p>(xvii) Comments on petition received through SEIAA on this mine be submitted.</p> <p>After receipt of comments on petition received through SEIAA on this mine from the lessee, if required, a site visit to be conducted by the sub-Committee of SEAC to verify the fact.</p> <p>84. The project proponent has furnished the compliance as requested and the SEAC verified the same as follows:</p> <table border="1"> <thead> <tr> <th>Sl. No.</th> <th>Information Sought by SEAC</th> <th>Compliance furnished by the proponent</th> </tr> </thead> <tbody> <tr> <td></td> <td>A comparative</td> <td>Comparative statement in matrix</td> </tr> </tbody> </table>	Sl. No.	Information Sought by SEAC	Compliance furnished by the proponent		A comparative	Comparative statement in matrix	
Sl. No.	Information Sought by SEAC	Compliance furnished by the proponent														
	A comparative	Comparative statement in matrix														

										statement in matrix form of base line data regarding environmental parameters during the year 2009 submitted w.r.t EC granted is 2009 and the same parameters data in 2021 for above proposed EC be submitted.	form for the Baseline data in 2009 and 2021 is attached as Annexure-1.
										ii. Comparative position of PH (Public Hearing) issues raised during 2009, action taken on the same and issues raised in 2021 and action proposed thereof with definite time frame and associated cost be submitted.	Public hearing commitment of 2009 with its implementation status and present public hearing commitment with budgetary provision is attached as Annexure-2.
										iii. A comparative statement of salient physical features and environmental parameters of the existing Mines and proposed expansion be submitted in matrix form. The physical features, viz: dumps, retaining walls, garland drains, settling pond, RWHPs etc. be shown in the respective lay out maps	A comparative statement of salient environmental physical features like dumps, retaining walls, garland drains, settling pond etc. of existing & proposed with layout map is attached as Annexure-3.

										superimposed layout map of the proposed expansion on the existing one.		
										iv. Permanent Occupational Health Centre committed by Project proponent put as a specific condition in EC in 2009 by SEIAA and is not complied as of today as observed in EC compliance report of RO, MoEF&CC, Bhubaneswar. Therefore, a specified definite time for compliance of the same be submitted, the copy of which will be forwarded to concerned District Administration for information & necessary action.	A full time occupational health Doctor already been engaged for the treatment of employees and locals in the Khnadbandh village. Photos attached as Photo-1 . However, inside the mine premises a first Aid center has been established. The same will be extended to a full time Occupational health Centre by 30 th June 2022. The declaration by project proponent in this regard is attached as Annexure-4 .	
										v. Certified copy of compliance to CTO conditions from Pollution Control Board, Odisha for the existing mines be submitted.	Certified CTO compliance by SPCB, Odisha is attached as Annexure-5 .	
										vi. Copy of compliance to NEERI recommendations be submitted with reference to physical features along with photographs, viz:	Detailed of NEERI compliance with evidence of photographs is attached as Annexure-6 .	

										Haulage Road, Plantation in Haulage Road, Parking Plaza etc.		
										vii.	Socio-economic gaps as found out by socio-economic study be outlined, the mitigation measures recommended by experts(s) / Institute with time frame, target population and the cost associated be submitted. Action proposed by Project Proponent vis-à-vis the expert's recommendation be submitted.	Need based Assessment Study towards socio-economic development have been conducted by Asian Institute of Sustainable Development (AISD), Ranchi. The gaps as found out by socio-economic study be outlined, the mitigation measures recommended by experts/ institute with time frame, target population and the cost associate has been well covered under " Need Assessment and Enterprise Social Commitment (ESC) Plan "- chapter VI . According to the study Rs 7.55 Crore budgetary estimation has been done for development in infrastructure, Health & Education, Livelihood program, Employment programme and special programmes in the next 5 years in and around the nearby village. The same is attached as Annexure-7 .
										viii.	Tie-up / Agreements with Beneficiation / palletisation plant for beneficiation of low-grade Iron Ore with relevant document copy be submitted along with the capacity & capacity utilisation of the said plants vis-à-vis the generation of the low-grade Iron from existing mine, its	Khandbandh Iron Ore Mines of SreeMetaliks Ltd. is a captive mine. The ore generated from the mine is being utilized in its plant located at Rugudi and Anra in the Keonjhar district. The details of generation and management of sub-grade/low grade iron ore along with documentary proof of Beneficiation/ Palletization plant is attached as Annexure-8 .

										current management & proposed expansion for at least next 5 years.	
										ix. What happens to total run-offs during monsoon at present and the proposed expansion in future? Management of the estimated quantity & disposal thereof be submitted.	Details of Surface run-off generation with management is attached as Annexure-9 .
										x. Total 160 KLD water from "Suna River" is stated to be drawn and 9.8 KLD from ground water through bore well (being drawn now & in future also). So, it is suggested that 9.8 KLD ground water drawl be dispensed and the same be drawn from "Suna River" for drinking water purpose with necessary treatment & with due permission from W.R Deptt, Govt of Odisha. Though 'NOC' is taken from CGWA for 9.8 KLD ground water, necessary permission to be taken for the same from W.R Deptt, Govt of Odisha also.	Total Water: 159.80 KLD. Out of which 150 KLD is from Sona River for which NOC granted by Water Resource Dept., Odisha and 9.8 KLD from ground water for which NOC granted by CGWA. Water from Suna river is mainly used for mining & allied activities and ground water is mainly used for drinking purpose only. However, as suggested by the Hon'ble committee we will explore the possibility towards permission from W.R. Dept., Odisha for use of 9.8 KLD surface water from Suna river.
										xi. Existing	Surface run-off management

									<p>management & de-siltation of Suna River, Kakrapani Nala & surrounding about 15% Agriculture lands be submitted along with a write-up on illustration being practiced and for future with proposed expansion also.</p>	<p>structures like retaining wall, garland drain, check dam & check weirs have been provided at the strategic location inside our mines towards zero discharge from the mines. Till date there has been no overflow flow from our mine premises to nearby water body i.e. Suna River. However, we used to de-silt the check dam/check weirs inside our mine premises, village ponds of surrounding areas and if required water bodies like Suna river and Kakrapani Nalla etc. The SOP practiced during de-siltation process is attached as Annexure-10</p>	
									<p>xii. Physio-chemical analysis of water of Suna River with sediment analysis of the river including silica content be done & submitted to find potential of silt generation.</p>	<p>Physio-chemical analysis of Suna River along with sediment analysis report is attached as Annexure-11.</p>	
									<p>xiii. How vegetation is changing & what type of vegetation is changing due to the effect of the mining?</p>	<p>The mining area is inside the Baitarani Reserve forest. Nearby adjacent other leases are Khndabandh Mines of TATA and Khandbandh Mines of OMC which are operating much before this mine. Trees like Sal, Karanj, Neem, Mango, Asan, Kendu etc. are existed and after grant of forest clearance tree enumeration with felling done in most of the area as approved by Divisional Forest Officer, Keonjhar in reference to the approved Mining Plan in phased manner.</p>	

											<p>Gap Planation has been done in the safety zone area. Apart from this plantation also done in the 1.436 Ha of back filling area. Native species like Neem, karanj, Anla, Asan, Bela, Radhachuda, Krishnachuda, Pijuli, Gambhari, Harida etc. has been planted. In the mine closure all the area will be planted with native species. So there is no change in vegetation.</p>	
									xiv.	<p>166 Permanent employees and more than 200 floating employees will be working for this proposed mining i.e. total about 400 people will be engaged for the proposed mining as stated by project proponent during presentation. There is no STP inside the Mines and stated to have a STP outside the Mines. Details location of the STP with connectivity between mines & the STP shall be submitted. Further, the capacity of the said STP, details of effluents generated by the mines & the people outside with calculation and disposal details of treated waste water & STP sludge be submitted with</p>	<p>There is no housing/camp inside the lease area. Whatever the little bit waste water generated from toilet is being treated through Soak pit and same will be continuing during expansion also.</p> <p>Out of 166 permanent employees more than 100 employees are staying in their respective houses nearby Khandbandh, Joda, Barbil area etc. The floating employees are also from the surrounding village area.</p> <p>However, 30 KLD STP is already established at contractor colony which 5 km away from the mine lease area. The details of the STP is attached as Annexure-12.</p>	

										<p>monthly basis apart from Wildlife Week, World Environment Day, VanoMahostav, Earth Day etc. Apart from employee, we used create awareness among locals, School children through Audio visual, Essay writing and Painting competition.</p> <p>The approval of PCCF (wild Life) and Chief Wild Life Warden, Odisha is attached as Annexure-15 and Authenticated flora & fauna list is attached as Annexure-16.</p>	
										<p>xvii. Comments on petition received through SEIAA on this mine be submitted.</p> <p>The comments of the petition received through SEIAA is attached as Annexure-17.</p>	
										<p>85. The SEAC opined Comments of the lessee at Annexure – 17 of the ADS on petition received through SEIAA on this mine is satisfactory and to the fact and hence, no field visit is required.</p> <p>86. Considering the information furnished and the presentation made by the consultant M/s. Ardra Consulting Services Pvt. Ltd., Bhubaneswar along with the project proponent, the SEAC recommended for grant of Environmental Clearance with stipulated conditions as per Annexure – E.</p> <p>In view of the above the proposal may be placed in the SEIAA meeting for consideration.</p>	
5.	B2, EC	8(a) Building and Construction projects	SIA/OR/MIS/237947/2021	M/s Alishan Realcon Private Limited; Mr. Manoj Kumar Dash, Director	Proposal of EC of Proposed Construction of (S+5) Storied Residential Apartment Building over an plot area of 15256.64 Sqm (1.52 Ha) With Total Built	14.11.2021	Under examination of SEIAA after SEA C	Online proposal for EC	<p>This is regarding a new proposal building and construction project. The project has submitted at SEIAA under Category 'B' Ha. As per the EIA Notification, 2006, this project falls in the schedule under SI.No-8(a) –“Building & Construction” project. The project proponent has submitted proposal for grant of EC of M/s. Alishan Realcon Pvt. Ltd for construction of housing project of S+5 storied residential apartment building over an built-up area of 39, 288.93 sqm at mouza-Nuahata, Dist-Cuttack, Odisha of Sri manoj Kumar Dash (Director) of M/s. Alishan Realcon Pvt. Ltd.</p> <p>The following documents have been received Checklist, EMP, PFR, Form-1A, Land Schedule and scrutiny fee Other Points 1. The proposal is for Environmental Clearance of M/s Alishan Realcon Pvt. Ltd for Proposed housing Project of S+5 storied</p>	EC be issued with the standard and specific conditions as recommended by SEAC.	

					Up Area- 39288.93 Sqm, At Mouza- Nuahata, Cuttack, Dist – Cuttack; of M/s Alishan Realcon Private Limited; Mr. Manoj Kumar Dash, Director				<p>residential apartment building over an built-up area of 39,288.93 Sq.m. at Mouza- Nuahata, Dist – Cuttack, Odisha.</p> <p>2. The project falls under category “B” or activity 8 (a) - Building and Construction projects under EIA Notification dated 14th September 2006 as amended from time to time.</p> <p>3. Alishan Realcon Private Limited has proposed for development of private housing project of area 15256.64 sqm in plot No.: 1085, 1122, 1124, 1090 Khata No- 13-D1, 498/240, 139 & 498/2111 at Mouza- Nuahata, Cuttack, Dist-Cuttack.</p> <p>4. Location and connectivity - The proposed site is located at Mouza- Nuahata, Cuttack, PS- Baliana, Dist- Cuttack, Odisha. The Geographical co-ordinate of the project site is Latitude 20°22'24.81"N & Longitude 85°53'19.57"E. The project site is well connected with the National Highway-16 & Puri-cnanal road located at the distance of 0.1 Km & 0.2 km. The nearest Railway station is Mancheswar Railway Station at a distance of approximately 5.5 Km from the project site. The nearest Airport is Biju Patnaik International Airport, Bhubaneswar which is at a distance of 16 Km from the project site.</p> <p>5. The site is coming under development plan of Cuttack Development Authority.</p> <p>6. The Building Details Of The Project:</p> <table border="1"> <thead> <tr> <th>Particular</th> <th>Proposed</th> <th>Permissible</th> </tr> </thead> <tbody> <tr> <td>Project Name</td> <td>Proposed S+5 storied Residential Apartment Buildings</td> <td></td> </tr> <tr> <td>Plot Area</td> <td>15256.64 Sqm (1.52 Ha)</td> <td>--</td> </tr> <tr> <td>Ground Coverage</td> <td>7635.57 Sqm (50 %)</td> <td>--</td> </tr> <tr> <td>FAR (Floor Area Ratio)</td> <td>2.1</td> <td>--</td> </tr> <tr> <td>Built up Area</td> <td>39288.93 sqm</td> <td>--</td> </tr> <tr> <td>Maximum Height</td> <td>38 m</td> <td>--</td> </tr> <tr> <td>Road Area</td> <td>3465.32 sqm</td> <td>--</td> </tr> <tr> <td>Open Parking Area</td> <td>1104.43 sqm</td> <td>8061.80 sqm</td> </tr> </tbody> </table>	Particular	Proposed	Permissible	Project Name	Proposed S+5 storied Residential Apartment Buildings		Plot Area	15256.64 Sqm (1.52 Ha)	--	Ground Coverage	7635.57 Sqm (50 %)	--	FAR (Floor Area Ratio)	2.1	--	Built up Area	39288.93 sqm	--	Maximum Height	38 m	--	Road Area	3465.32 sqm	--	Open Parking Area	1104.43 sqm	8061.80 sqm
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Total Parking Area	8146.17 sqm	
Green Belt Area	3051.32 sqm (20.0 %)	3051.32 sqm (20.0 %)
Maximum No. of Floor	S+5	--
Power/Electricity Requirement & Sources	Total – 1435 KW	--
No. of DG sets	2x700 KVA	--
Water requirement	129.7 KLD (Fresh)	--
Sewage Treatment Plant	STP Capacity - 170 KLD	--
Estimated Population- Residential, Floating /visitors	1390 nos.	--

- Water requirement:** Fresh make up of 129.7 m³/day will be required for the project which will be sourced from Ground water. Waste water of 166.08 KLD will be treated in a STP of 170 KLD capacity, which includes primary, secondary and tertiary treatment.
- Waste water details:** Every building generates wastewater amounting about (80 % of fresh water consumed + 95 % of flushing water). The major source of wastewater includes the grey water from kitchens, bathrooms and black water from toilets. It is expected that the project will generate approx. 166.08 m³/day of wastewater. The wastewater will be treated in the STP of capacity of 170 m³/day provided within the complex. Out of which 170 m³/day will be recycled within the project for flushing (65.6 m³/day), landscaping (12.38 m³/day), STP loss (8.5 m³/day) & Dust suppression in Road Area (6.67 m³/day). 65 m³/day will be used as HVAC system in case of non-monsoon period. In case of Monsoon period 170 m³/day will be recycled within the project for flushing (65.6 m³/day), 65 m³/day will be used as HVAC system,

									<p>STP loss will be 8.5 m3/day and 26.98 m3/day surplus will be generated which will be discharged to the drain.</p> <p>9. Power requirement: The total consolidated electrical load estimate for proposed project is about 1435 KW. The power will be entirely supplied by source of TPCODL of Odisha State Electricity Board. Also, in case of power cut, 100 % power backup generator will be provided for common uses only. For this purpose diesel generator having 700 KVA (2 nos.) capacities will be provided. There are 70 nos. of Solar Lighting poles (@72 Watt) has been proposed for Street lighting, Energy conservation by using Solar Street Lighting = $70 \times 72 = 5040 \text{ watt} = 5.04 \text{ KW}$ Energy Saving by using Solar Lighting = 71 KW Energy Saving by using Solar Street Lighting = 5.04 KW Total Energy Saving = $71 + 5.04 = 76.04 \text{ KW}$ Total Energy Saving = $76.04/1435 = 0.0529 = 5.2 \%$</p> <p>10. Rain Water Harvesting: Rain Water will be harvested and recharge through 07 recharge pits from the plot area.</p> <p>11. Parking Requirement: Total parking area provided is 8146.17 m² sq.mt./ 278ECS and space provided is stilt and open parking area.</p> <p>12. Fire fighting Installations: Fire fighting system will be installed as per recommendation of the Fire fighting Officer, Odisha and as per the guideline of NBC (part-4).</p> <p>13. Green Belt Development: Green belt will be developed over an area of 3051.32 sqm which is 20.0 % of the plot area; by using the local species like Radhachuda, Nageswar, Akash Neem, Ashok, Polanga, Karang, Bela, Pijilu, Kaniara, Tagar, Hena, etc.</p> <p>14. Solid Waste Management: From the proposed housing project solid waste in form of food waste from kitchen and miscellaneous waste will be generated @ 0.45 kg/person/day, which will be about 556 kg/day. The waste generated from floating population in residents will be @ 0.15 kg/day, which will be 21 kg/day. The generated solid waste from the residential apartment will be segregated as biodegradable and non-biodegradable. This will be collected in separate colored bins. Proper waste management practices will be adopted during the collection, storage and disposal of the generated solid waste and construction and demolition waste.</p>	
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Sl. No.	Category	Counts (heads)	Waste generated
1.	Residents	1390 @ 0.45 kg/day	556 kg/day
2.	Floating population in residents	140 @ 0.15 kg/day	21 kg/day
3.	STP sludge		83.04 ~83 kg/day kg/day
Total Solid Waste Generated			660 kg/day

15. The total population of project will be 1390 persons for residential and floating population.
16. The estimated project cost is ` 72 Crores and Environment Management Cost is ` 3.6 crores.
17. The project proponent along with the consultant **M/s Centre for Envotech & Management Consultancy Pvt. Ltd. Bhubaneswar**, made a detailed presentation on the proposal on 17.12.2021.
18. The SEAC in its meeting held on dated 17.12.2021 decided to take decision on the proposal after receipt of the certain information / documents from the proponent followed by visit of sub-committee of SEAC to the proposed site. The project proponent has furnished the compliance and the SEAC verified the same as follows:

Sl. No.	Information Sought by SEAC	Compliance furnished by the proponent
i)	"Kisam" of the land with conversation to "Gharbari" from appropriate Revenue Authority.	Total land area of the proposed project is 15256.64 sqm and the kissam of land is Gharabari, Land document is attached in Annexure -1 .
ii)	Source of water: why not from public water supply with provision of sump & maximum one bore well of suitable capacity to meet emergency need. If the authority does not allow, the letter to this effect from the later be submitted.	The Public water supply is not available in the vicinity of the project area; once the public water supply is available the permission will be obtained from Public Health Division (PHD). The letter from PH Division regarding Non-availability of Public Water Supply is attached in

											<p>drawing/ layout is enclosed as Annexure-11.</p> <p>19. The SEAC in its meeting held on dated 15.03.2022 decided to take decision on the proposal after the site visit by the sub-committee of SEAC.</p> <p>20. The proposed site was visited by the sub-committee of SEAC on 06.04.2022. Following are the observations of the sub-committee and proponent needs to submit relevant documents as below:</p> <ol style="list-style-type: none"> a) Documentary evidence of existing sub roads connecting the high way from plot site with Revenue map indicating details of sub roads ownership (like- POA, Free gift, Revenue Road etc). Also, the Appropriate authority/committee report on road and its development b) Visitor parking area, number of 4 and 2 wheelers and percentage to be provided with total parking of residentials. c) Land Kisam to be converted to Gharabari if not done. d) Solid waste disposal facilities including STP waste and any tie up for garbage disposal (documents to be provided with a brief on how the types of solid wastes to be separated) e) NOC from CMC for drain connection and disposal of treated water load of the project f) Copy with Possession/POA of Private land connecting the final drain (external) g) Internal drainage map of internal drains, Rain water harvesting their nos, dual plumbing lines and final connection. Calculation of Rain water harvesting h) Source of water with permission letter. Also fire authority recommendation/permission(if not submitted) i) No of OHT and Tanks for Dual Plumbing j) Stack height in meter with calculation vis-à-vis building height and placement of DG set k) Integrated Solar PV set on roof top with generation, consumption and percentage to be provided. l) As the drain is at higher height than the current ground level, the PP to maintain the terrane with piling operation so that the excess treated water could be discharged to the drain. The PP to ensure maximum utilization of treated water for internal use with more plantations. m) Traffic summary and mitigation measure
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								<p>n) All points raised in proceedings (if not submitted)</p> <p>21. The SEAC in its meeting held on dated 12.04.2022 decided to take decision on the proposal after receipt of information / documents as sought by the Sub-Committee of SEAC at para 20 above.</p> <p>22. The project proponent has furnished the compliance and the SEAC verified the same as follows:</p> <table border="1"> <thead> <tr> <th>SI. No.</th> <th>Information Sought by SEAC</th> <th>Compliance furnished by the proponent</th> </tr> </thead> <tbody> <tr> <td>i.</td> <td>Documentary evidence of existing sub roads connecting the high way from plot site with Revenue map indicating details of sub roads ownership (like- POA, Free gift, Revenue Road etc). Also, the Appropriate authority/committee report on road and its development</td> <td>Documentary evidence like Land Document of existing sub roads connecting from the highway to our project site is attached in Annexure -1.</td> </tr> <tr> <td>ii.</td> <td>Visitor parking area, number of 4 and 2 wheelers and percentage to be provided with total parking of residential.</td> <td>Total parking area provided for the proposed building is 8146.17 sqm and ECS provided for the building is 253 nos. of 4 wheelers & 204 nos. of 2 wheelers including bicycles. Parking layout showing 4 wheelers & 2 wheelers parking is attached in Annexure -2.</td> </tr> <tr> <td>iii.</td> <td>Land Kisam to be converted to Gharabari if not done.</td> <td>Total land area of the proposed project is 15256.64 sqm and all land has already been converted to Gharabari. Land document is attached in Annexure-3.</td> </tr> <tr> <td>iv.</td> <td>Solid waste disposal facilities including STP</td> <td>Total Solid Waste generated from the proposed project is</td> </tr> </tbody> </table>	SI. No.	Information Sought by SEAC	Compliance furnished by the proponent	i.	Documentary evidence of existing sub roads connecting the high way from plot site with Revenue map indicating details of sub roads ownership (like- POA, Free gift, Revenue Road etc). Also, the Appropriate authority/committee report on road and its development	Documentary evidence like Land Document of existing sub roads connecting from the highway to our project site is attached in Annexure -1 .	ii.	Visitor parking area, number of 4 and 2 wheelers and percentage to be provided with total parking of residential.	Total parking area provided for the proposed building is 8146.17 sqm and ECS provided for the building is 253 nos. of 4 wheelers & 204 nos. of 2 wheelers including bicycles. Parking layout showing 4 wheelers & 2 wheelers parking is attached in Annexure -2 .	iii.	Land Kisam to be converted to Gharabari if not done.	Total land area of the proposed project is 15256.64 sqm and all land has already been converted to Gharabari. Land document is attached in Annexure-3 .	iv.	Solid waste disposal facilities including STP	Total Solid Waste generated from the proposed project is
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									<p>waste and any tie up for garbage disposal (documents to be provided with a brief on how the types of solid wastes to be separated)</p> <p>660 kg/day. The solid waste will be collected in separate colored bins. We have tie up with M/s. Jagruti Welfare Organization for Collection & Transportation of solid Waste. Consent Letter from Jagruti Welfare Organization is attached in Annexure -4.</p>	
									<p>v. NOC from CMC for drain connection and disposal of treated water load of the project</p> <p>Cuttack Municipal Corporation has approved the Standard Operating Procedure (SOP) for approval of External Infrastructure Development Plan (EIDP) & deposit of External Infrastructure Development fee. SOP for EIDP is attached in Annexure-5. We have deposit Rs. 18,86,517.00 on 10.02.2022 towards 1% of External Infrastructure Development fee to Cuttack Municipal Corporation (CMC). Fee deposit letter is attached in Annexure-6.</p>	
									<p>vi. Copy with Possession/POA of Private land connecting the final drain (external)</p> <p>Land Document for private land connecting to the final drain is attached in Annexure-7.</p>	
									<p>vii. Internal drainage map of internal drains, Rain water harvesting their nos, dual plumbing lines and final connection. Calculation of Rain water harvesting</p> <p>Internal drainage map showing internal drain, Rain water harvesting, dual plumbing lines & final drain connection lines is attached in Annexure-8.</p>	
									<p>viii. Source of water with permission letter. Also fire authority</p> <p>Source of water is Ground Water & permission has been obtained from CGWA VIDE</p>	

										recommendation/ permission (if not submitted)	NoC No.CGWA/NOC/INF/ORIG/2 021/13373, dated is attached in Annexure-9 and Fire Clearance is not required for the project due to non-high rise building.	
										ix.	No of OHT and Tanks for Dual Plumbing	Layout plan for overhead tanks and dual plumbing tanks is attached in Annexure-10.
										x.	Stack height in meter with calculation vis-à-vis building height and placement of DG set	1 no. of DG set of capacity 250 KVA is required for the proposed building. For the proposed project it is assessed that height of the stack shall be 18 m. $H=h+0.2\sqrt{KVA}$ $H=15+0.2\sqrt{250}$ $H=15+3.16$ $H=18.16m$ Where, H=height of the sack attached to the DG set in the meter. H=height of the building (15 m) KVA= Capacity of the DG set (250 KVA) We proposed the vent pipe along the building wall to highest point of the building & vent is 3 m in highest point. Detail proposal for DG Sets is attached in Annexure-11.
										xi.	Integrated Solar PV set on roof top with generation, consumption and percentage to be provided.	Total power generation from Solar system is 80.92 KW through 55 nos. of PV Panels & 70 nos. of Solar Street Lighting. Total power demand of the proposed building is 1435.0 KW. So total solar

									power generation from the proposed building is 5.6% of total power demand. Details solar calculation is attached in Annexure-12.	
									xii. As the drain is at higher height than the current ground level, the PP to maintain the terrane with piling operation so that the excess treated water could be discharged to the drain. The PP to ensure maximum utilization of treated water for internal use with more plantations.	A detailed contour survey has been made and drainage plan has been prepared. The height of the drain & Ground Level will be maintained. The map showing level of the building & drain is attached in Annexure-13.
									xiii. Traffic summary and mitigation measure	The Traffic study report has been vetted by Indian Institute of Technology (IIT) Bhubaneswar. Traffic summary and mitigation measures are attached in Annexure-14.
									xiv. All points raised in proceedings (if not submitted)	All points raised in presentation is already submitted on 24.02.2022
									<p>Considering the information furnished and the presentation made by the consultant, M/s Centre for Envotech & Management Consultancy Pvt. Ltd. Bhubaneswar along with the project proponent, the SEAC recommended for grant of Environmental Clearance valid for 10 years with stipulated conditions as per Annexure – Fin addition to the following specific conditions.</p> <p>i) The Proponent before implementation of the project shall convert the land to Gharabari and shall take the ownership of the land if not already taken.</p> <p>ii) The Proponent shall obtain permission/NOC from Executive Engg (PHD) and / or from the appropriate authority for disposal of STP treated water to the nearest drain without which the Proponent will not start construction work. Also, in</p>	

									<p>case of the connecting drain passing through others land (Govt. or Private land), the Proponent shall obtain the permission and possession as the case may be</p> <p>iii) The proponent shall use solar energy of 5% of total power requirement as proposed.</p> <p>iv) Trees located within the project area shall be transplanted to alongside the boundary green development area.</p> <p>v) To reduce discharge of treated water to open drain, the proponent shall use more water for increased number of trees proposed to be planted in the green belt area & shall also utilize this treated water for car washing, floor washing to minimize the surplus discharge to drain.</p> <p>vi) The proponent shall implement the Pollution Control Measures and safeguards as proposed in the Environment Management Plan (EMP) of project report.</p> <p>vii) The proponent shall Comply to the provision of structural stability certificate as per the bye- law of the Development Authority.</p> <p>viii) When the public water supply will be available adjacent to/ in the vicinity of the proposed project in future, the PP shall avail it following due procedure of the Govt if the concerned authority agrees and dispense with the drawl of ground water except one borewell for emergency purpose. The PP shall take up suitably for the purpose with the concerned authority of the Government.</p> <p>ix) From the Traffic study it is seen that the study was carried out by CEMC and based on the data collected IIT has vetted it. Since, the study was not carried out by a reputed institute, fresh traffic study shall be conducted by a reputed institute and submitted to SEIAA with mitigation plan if any within a period of 3 months.</p> <p>x) All compliances submitted/ committed by PP(s) shall be strictly adhered to them in addition to all the conditions/ specific conditions of EC.</p> <p>In view of the above the proposal may be placed in the SEIAA meeting for consideration.</p>	
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6.	B2, EC	8(b) Building and Construction projects	SIA/ OR/ MIS/ 6402 1/2021	M/s Assotech Sun Growth Abode LLP; Sri. Sashank Sekhar Rout, Vice President	Proposed expansion of Multistoried Residential Building "Assotech Pride Phase-1 Extension" from total built up area 143861.14 Sqmt to 350733.31 Sqmt over a total plot area 65383.16 Sqmt at Mouza-Rudrapur, PS-Balianta, Tehsil-Bhubaneswar, Dist-Khurda, Odisha (ToR issued-3494/SEIAA dated 18.11.2021)	24.01.2022	Under examination of SEIAA after SEA C	Online proposal for EC	<p>This is regarding a new proposal building and construction project. The project has submitted at SEIAA under Category 'B' Ha. As per the EIA Notification, 2006, this project falls in the schedule under SI.No-8(a) –"Building & Construction" project. The project proponent has submitted proposal for grant of EC of M/s Assotech sun growth abode LLP for construction of multistoried residential building "Assotech pride phase-1 extension" over plot area - 65383.16 sqm. located at mouza-Rudrapur, Bhubaneswar, Dist-Khurda, Odisha of Sri. Sashanka Shekhar Rout (vice president) (total built up area – 3,50,733.31sqm.)</p> <p>The following documents have been received Checklist, EMP, PFR, Form-1A, Land Schedule and scrutiny fee</p> <p>Other points</p> <ol style="list-style-type: none"> 1. M/s Assotech Sun Growth Abode LLP (LLP Identification Number is (LLPIN) AAA-8036) is an Assotech Group company, which is the developer of this project. The Assotech Group was formed in the year 1986 and during the last 35 years the group has delivered projects in UP (Noida, Greater Noida, Ghaziabad), Haryana, (Gurugram & Faridabad) in Delhi NCR, Uttarakhand (Rudrapur-Nainital), Madhya Pradesh (Gwalior) and Odisha (Bhubaneswar). It has delivered over 45 projects comprising of over 40,000 residential apartments, shopping units and industrial projects. 2. Currently the Assotech Group is developing affordable housing projects in Jharkhand (Ranchi) comprising of over 2500 apartments in four phases. It also proposes to develop similar project in Bhubaneswar located at Plot No. 274, NH-16, Rudrapur, Bhubaneswar. 3. It is also developing mid-segment housing project in Gurugram, Noida and Ghaziabad. These Projects nearing completion. Assotech Group has successfully completed 840 apartments housing complex "COSMOPOLIS" at Khandagiri, Dumduma, Bhubaneswar. 4. M/s Assotech Sun Growth Abode LLP. has Proposed Multistoried Residential Building "Assotech Pride Phase-1 Extension" over Plot No. - 274/9190, 276, 277/856, 277/8893, 279/10152, 279 & others Khata No: 412/1079, 412/1349 & others of Mouza-Rudrapur, PS-Balianta, Tehsil-Bhubaneswar, Dist-Khurda, Odisha. The Environment Clearance for existing building is already obtained from State Environment Impact Assessment Authority vide letter no. 7484/SEIAA, dated 06.11.2019 and Consent to Establish is obtained from State Pollution Control Board vide letter no. 693/IND-II-CTE-6353, dated 21.01.2020. 5. The Geographical co-ordinate of the project site is: Latitude –20° 19' 40.2" to 20° 19' 37.7" N & Longitude - 85° 53' 08.4" to 85° 53' 05.2" E. The project site is well connected with National Highway 	PP be directed to submit clarification / compliance report on the points raised by the inspecting officer of the Regional Office of MoEF&CC within 15 days, on considering which EC may be issued.
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NH-16at a distance of approx 0.2 Km in West direction. The nearest railway station is Mancheswar Railway station at a distance of approx 4.24 Km in West direction& Bhubaneswar Railway Station at a distance 8.9 Km in South-west direction. The nearest airport is Biju Patnaik Airport at a distance of approx. 10.8 Km in South-west direction from project site.

6. The maximum temperature is about 36.0° C and the minimum temperature is 16.0° C felt in the area. The average annual rainfall in the area is 1326.16 mm.

7. **The building details of the project are given below:**

Particular	Existing	Proposed	Total
Project Name	Assotech Pride, PH-1 EXTENSION		
Net Plot Area	52825.37 sqm (13.050 Acre)	14433.63 sqm (3.566 Acres)	67259.00 sqm (16.615 Acres)
Ground Coverage	23387.05sqm	15556.05 sqm	38943.10 sqm
FAR (Floor Area Ratio)	118843.72 sqm	166782.00 sqm	285625.72 sqm
Built up Area	136017.28 sqm	214716.03 sqm	350733.31 sqm
Maximum Height	45 m	130 m	130 m
Road Area	10506.06 sqm	9333.94 sqm	19840.00 sqm
Podium/Basement Parking	22015.70 sqm	43940.59 sqm	65956.29 sqm
Open Surface Parking	5500.00 sqm	146.72 sqm	5646.72 sqm
Total Parking Area	27515.70 sqm	44087.31 sqm	71603.01 sqm
Green Belt Area	23847.39 sqm (45.14 %)	-231.39 sqm	23616.00 sqm (35.11%)
Power/Electricity	Total - 4232 KW	Total - 2758 KVA	Total - 7460 KVA Solar - 560 KVA

									Requirement & Sources	(4702 KVA) Solar - 455 KW (506 KVA) CESU - 3777 KW (4196 KVA)	Solar - 54 KVA TPOCDL - 2704 KVA	TPCODL – 6900 KVA	
									Capacity of DG sets	1500 KVA	4500 KVA	6000 KVA	
									Water requirement	551.4 KLD (Fresh)	241.4 KLD	792.8 KLD	
									Sewage Treatment Plant	750 KLD	300 KLD	1050 KLD	
									Estimated Population- Residential, Commercial, Floating/visitors	5930 nos.	2830 nos.	8760 nos.	
									<p>8. The daily power requirement for the proposed complex is preliminarily assessed as 7460 KVA (Solar System- 560 KVA&TPCODL – 6900 KVA). In order to meet emergency power requirements during the grid failure, there is provision of 6 nos. of DG set having total capacity 6000 KVA for power back up in the Residential Building Project.</p> <p>9. For energy conservation, Roof Top Solar Power plant for captive power Generation = 12x 38KW = 560 kVA, Total Energy Conservation = 7460 KVA, Total Energy saving = 560/7460 = 8 %.</p> <p>10. Fresh make up of 792.8 m³/day will be required for the project which will be sourced from Ground water. Waste water of 1017 KLD will be treated in a STP of 1050 KLD capacity, which includes primary, secondary and tertiary treatment. After treatment the treated water will be discharge to the Prachi Drain.</p> <p>11. Rain Water will be harvested through 23 nos. of recharging pits.</p>				

								<p>12. Firefighting system will be installed as per recommendation of the Firefighting Officer, Odisha and as per the guideline of NBC (part-4).</p> <p>13. Green belt will be developed over an area of 23616.0 sqm which is 35.11% of the plot area; by using the local species like Casia Fistula, Conocarpus, Agave, Amla, Mango, Water Apple, Royal Palm, etc.</p> <p>14. From the residential complex solid waste in form of food waste from kitchen and miscellaneous waste will be generated @ 0.45 kg/person/day, which will be about 3942 kg/day. The generated solid waste from the residential complex will be segregated as biodegradable and non-biodegradable. This will be collected in separate-coloured bins. Proper waste management practices will be adopted during the collection, storing and disposal of the generated solid waste.</p> <p>15. Solid waste from sweeping and Dry Garbage containing non-biodegradable wastes like polythene bags, metal, ceramic Waste, glass etc. shall be stored in separate garbage bin and send to approved recyclers. Around 140 kg/day of STP sludge will be generated.</p> <table border="1"> <thead> <tr> <th>S. No.</th> <th>Category</th> <th>Counts (heads)</th> <th>Waste generated (kg/day)</th> </tr> </thead> <tbody> <tr> <td>i)</td> <td>Residents</td> <td>8760 @ 0.45 kg/day</td> <td>3942.0</td> </tr> <tr> <td>ii)</td> <td>Floating Population</td> <td>876 @ 0.15 kg/day</td> <td>131.4</td> </tr> <tr> <td>iii)</td> <td colspan="2">STP sludge</td> <td>140.0</td> </tr> <tr> <td colspan="3">TOTAL SOLID WASTE GENERATED</td> <td>4213.4 kg/day</td> </tr> </tbody> </table> <p>16. Total Capital Cost = ` 624 Crores</p> <p>17. Environment Management Cost = ` 2.62 Crores</p> <p>18. The Environment consultant M/sCentre for Envotech & Management Consultancy Pvt. Ltd., N-5/305, IRC Village, Bhubaneswar along with the proponent has made a presentation on the proposal before the Committee on 04.02.2022.</p> <p>19. The SEAC in its meeting held on dated 04.02.2022 decided to take decision on the proposal after receipt of the certain information / documents from the proponent followed by site visit</p>	S. No.	Category	Counts (heads)	Waste generated (kg/day)	i)	Residents	8760 @ 0.45 kg/day	3942.0	ii)	Floating Population	876 @ 0.15 kg/day	131.4	iii)	STP sludge		140.0	TOTAL SOLID WASTE GENERATED			4213.4 kg/day
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									<p>from the appropriate authority.</p> <p>b) Water storage arrangements and permission from appropriate authority.</p> <p>c) Main Entry and Exist drawing with dimensions and pavements provision.</p> <p>d) Total Parking, ECS and Visitor Parking (both 2 and 4 wheelers). Also % of visitor parking w.r.t. total parking.</p> <p>e) Land details for Service Plots including Ownership and Kisam.</p> <p>f) Solid waste disposal facilities and any tie up for garbage disposal (documents to be provided with a brief on how the types of solid wastes to be separated).</p> <p>g) NOC from BMC for drain connection and disposal of treated water load of the project.</p> <p>h) Copy with Possession of Private land connecting the final drain (external).</p> <p>i) Drainage map of internal drains, Rain water harvesting their nos, dual plumbing lines and final connection. Calculation of Rain water harvesting.</p> <p>j) Details of WTP if any.</p> <p>k) Source of water with permission letter, Fire permission.</p> <p>l) No of OHT and Tanks for Dual Plumbing.</p> <p>m) Certified compliance report of PH-1 or earlier project.</p> <p>n) Party to give an undertaking that all statutory permissions including CGA, Fire etc to be obtained for the composite project as a whole.</p> <p>22. The SEAC in its meeting held on dated 12.04.2022 decided to take decision on the proposal after receipt of information / documents as pointed out at para 21 above.</p> <p>23. The project proponent has furnished the compliance and the SEAC verified the same as follows:</p> <table border="1"> <thead> <tr> <th>Sl. No.</th> <th>Information Sought by SEAC</th> <th>Compliance furnished by the proponent</th> </tr> </thead> <tbody> <tr> <td>i.</td> <td>There is a dead canal inside the premises of the project. The possession and permission</td> <td>We have submitted the letter to Superintending Engineer, Prachi Division, Bhubaneswar for construction of V.R. Bridge over Rudraour Sub-Minor Crossing. Submitted Letter is attached in</td> </tr> </tbody> </table>	Sl. No.	Information Sought by SEAC	Compliance furnished by the proponent	i.	There is a dead canal inside the premises of the project. The possession and permission	We have submitted the letter to Superintending Engineer, Prachi Division, Bhubaneswar for construction of V.R. Bridge over Rudraour Sub-Minor Crossing. Submitted Letter is attached in
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										including developments of the same like-constructing Culvert etc to be provided from the appropriate authority.	Annexure-1.	
										ii. Water storage arrangements and permission from appropriate authority.	We have submitted the letter to Superintending Engineer, Prachi Division, Bhubaneswar for using of canal to Water Reservoir & Rain Water Harvesting purpose. Submitted Letter is attached in Annexure-2.	
										iii. Main Entry and Exist drawing with dimensions and pavements provision.	Main Entry and Exit drawing with dimension and pavement provision is attached in Annexure-3.	
										iv. Total Parking, ECS and Visitor Parking (both 2 and 4 wheelers). Also % of visitor parking w.r.t. total parking.	Total parking area provided for the proposed project is 71603 sqm and total ECS provided for the 2527 ECS. Details calculation & Parking Layout is attached in Annexure-4.	
										v. Land details for Service Plots including Ownership and Kisam.	Details Land document for Service Plots is attached in Annexure-5.	

								vi.	Solid waste disposal facilities and any tie up for garbage disposal (documents to be provided with a brief on how the types of solid wastes to be separated)	Total 4213.4 kg/day Solid Waste generated from the proposed building and solid waste will be processed in Organic Waste Converter. We have tie up with M/s Clean City Bhubaneswar for garbage disposal. Details are attached in Annexure-6.
								vii.	NOC from BMC for drain connection and disposal of treated water load of the project.	Drainage Plan has been approved by Bhubaneswar Municipal Corporation (BMC) vide letter no. 24923, dated 10.09.2019. Drainage approval letter is attached in Annexure-7.
								viii.	Copy with Possession of Private land connecting the final drain (external).	Possession Document for private land connecting to the final drain is attached in Annexure-8.
								ix.	Drainage map of internal drains, Rain water harvesting their nos, dual plumbing lines and final connection. Calculation of Rain water harvesting.	Total 31 nos. of Rain Water Harvesting pits has been provided in the proposed building. Details Rain Water Harvesting calculation & Drainage map of internal drains is attached in Annexure-9.
								x.	Details of WTP if any	Water Treatment Plant is proposed for the residential building. Detail drawing of WTP is attached in Annexure-10.
								xi.	Source of water with permission letter, Fire permission.	Water permission from CGWA & Fire Clearance is attached in Annexure-11.

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									<p>proposed to be planted in the green belt area & shall also utilize this treated water for car washing, floor washing to minimize the surplus discharge to drain.</p> <p>vi) The proponent shall implement the Pollution Control Measures and safeguards as proposed in the Environment Management Plan (EMP) of project report.</p> <p>vii) The proponent shall Comply to the provision of structural stability certificate as per the bye- law of the Development Authority.</p> <p>viii) When the public water supply will be available adjacent to/ in the vicinity of the proposed project in future, the PP shall avail it following due procedure of the Govt if the concerned authority agrees and dispense with the drawl of ground water except one borewell for emergency purpose. The PP shall take up suitably for the purpose with the concerned authority of the Government.</p> <p>ix) Separate Entry and Exit Gate for Residential and Commercial shall be implemented</p> <p>x) 40% parking for commercial and 30% parking for residential and 10% of total parking for visitors shall be maintained minimum with separate area for residential and commercial parking</p> <p>xi) From the Traffic study it is seen that the study was carried out by CEMC and based on the data collected IIT has vetted it. Since, the study was not carried out by a reputed institute, fresh traffic study shall be conducted by a reputed institute and submitted to SEIAA with mitigation plan if any within a period of 3 months.</p> <p>xii) All compliances submitted/ committed by PP(s) shall be strictly adhered to them in addition to all the conditions/ specific conditions of EC.</p> <p>In view of the above the project proposal may be placed in the SEIAA meeting for consideration.</p>	
7.	B1, EC	1(a) Mining of minerals	SIA/OR/MIN/58690/2020	Tahasil, Biridi	Proposal for EC of Chasikhanda Biluakhai Nadi River Sand Bed	26.04.2022	Under examination of SEIA	Online proposal for EC	<p>This is regarding a new proposal for mining of minor mineral Sand. The project has submitted at SEIAA under Category 'B1' as the lease area is ≥ 5.0 Ha. As per the EIA Notification, 2006, this project falls in the schedule under SI.No-1(a) –“mining of mineral” of non-coal mining sector. The project proponent has submitted proposal for EC of New proposed project Chasikhanda Sand Quarry at Village Chasikhanda, Tahasil-Biridi, Dist- Jagatsinghpur, Odisha Over (MI area 10.117 Ha)</p>	There is a compelling case for carrying out the rate of replenishment

					Khata No. 712, Plot No. 175 over an lease area 10.117 Ha at Village- Chasikhanda , Tahasil- Biridi, Dist- Jagatsinghp ur.	A after SEA C	<p>by Nishakar Mohanty at Kajiptana, Po Uttamapur, Dist Cuttackand the project proponent is Tahasildar, Biridi. The following documents have been received Form-2, PFR, EIA & EMP, checklist, Mining Plan and approval letter, DSR, Village sheet, Cluster certificate, topomap etc. The following deficiencies/omission have been noticed in the above documents.</p> <ul style="list-style-type: none"> • Nil <p>Distance from nearest sanctuary/ESZ-Nandankanan WLS-26.0km Whether the lease area coming in D.L.C. report-No Whether the lease area reflecting in DSR-Yes Method of mining-Manual River-Biluakhai, Depth of the river-2.5 meter Distance from Nearest Road Bridge-2.2km, village road-1.0km Whether it is part of cluster –No Whether EC obtained earlier-No Production capacity per annum-24282 cum/annum (max.), Geological reserve-252925 cum, Mineable reserve-216825 cum This is a B1 category project. Whether SEAC recommended the proposal –Yes <u>Other Points</u></p> <ol style="list-style-type: none"> 1. For this project ToR has been issued by SEIAA, Odisha vide letter no..58690/88-MINB1/02-2021 dated 11.05.2021. 2. Public hearing was conducted at R.I Office, Purna of Jagatsinghpur on 27.09.2021 and 59 person were present in the PH and the following point raised in the PH as follows: <ol style="list-style-type: none"> a. The sand should be cover during transportation, sprinkling of water on roads, plantation at nearby areas, emphasized on repair and maintenance of road. b. Precautionary measure for river embankment damage if any. c. Emphasis be given for local people to provide sand at cheaper rate. 3. The PP has submitted the replenishment study of sand bed which reveals that depth of sand bed was during pre- monsoon is 1.0 meter and post-monsoon 0.70 m to 0.80 m and accordingly sand deposition after post-monsoon is 18454 cum. <p><u>Other points</u></p> <ol style="list-style-type: none"> 1. The SEAC recommended for grant of Environmental Clearance for the proposal valid upto lease period with stipulated conditions as per Annexure – A in addition to the following specific conditions. <ol style="list-style-type: none"> a. Revised mining plan shall be prepared based on essential 	<p>study once again by taking the post monsoon and pre monsoon surface profile data of this sand bed correctly, by the drone method. For the time being, taking the average depth of sand deposit to be 1m, as found in premonsoon measurement by the PP, the maximum depth to which extraction may be carried out shall be 0.5m and the maximum quantity removable in the first year shall be 10,000 cum. By November, 2022 a report of proper study of the rate of replenishment of sand at this stretch has to be submitted.</p>
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									<p>physical criteria as per Enforcement and Monitoring Guidelines for Sand Mining, January 2020 of MoEF&CC, Govt. of India enclosed as Annexure - B. Lay out of Progressive Mine Closure Plan shall also be incorporated in the Revised Mining Plan.</p> <p>b. Replenishment study to be carried out periodically and any revised mining plan/production based on the study to be submitted with an action plan.</p> <p>c. Provision of Bio-toilet shall be made at the site.</p> <p>d. Avenue plantation and plantation on both sides of the haulage road in consultation with/ on the advice of concerned Forest Department, Government of Odisha & W.R. Department Government of Odisha as well.</p> <p>e. Stone patching with plantation in between along the stretch of the bank associated with sand mining and necessary ramp construction shall be made.</p> <p>f. In view of the likely revision of DSR for Jagatsinghpur District in future the details of this Minor Mineral reserve to be ascertained in the revised DSR.</p> <p>g. In view of the difference commonly found in sand deposits, the determination of Mining lease by local Tahasildar considering the Dimensions like average length, breadth and height of the deposit to be re-ascertained by the Revenue Department and RQP for final exploitation of sand and higher revenue for the state of Odisha.</p> <p>h. All the provisions of Sand Policy of Govt. Of Odisha Dtd 2.09.2021 to be followed for this sand mining project.</p> <p>i. CSR activities to be made with consultation with district administration.</p> <p>In view of the above the proposal may be placed in the SEIAA meeting for appraisal.</p>	
8.	B1, EC	1(a) Mining of minerals	SIA/OR/MIN/71368/2021	Tahasilidar, Biridi	Environmental Clearance for production of 19426 Cum/annum of river sand by Quarrying	26.04.2022	Under examination of SEIAA after	Online proposal for EC	<p>This is regarding a new proposal for mining of minor mineral Sand. The project has submitted at SEIAA under Category 'B1' as the lease area is ≥ 5.0 Ha. As per the EIA Notification, 2006, this project falls in the schedule under Sl.No-1(a) –“mining of mineral” of non-coal mining sector. The project proponent has submitted proposal for EC of New proposed project of Sanawaubari Devi Nadi Sand Quarry (ML area 8.093 ha) in village Sanawaubari, Biridi Tahsil of Jagatsinghpur District, Odisha by Smt. Krishna Das, W/o- Rasabihari Das At-Maindipur, Ps- Biridi, Jagatsinghpur, Odisha and the project proponent</p>	Accepting the reported depth of sand to be 0.5 m, EC may be given, allowing extraction to a maximum depth of 0.25m,

				over Sanawaubari Devi Nadi Sand Quarry (ML area 8.093 ha) in village Sanawaubari , Biridi Tahsil of Jagatsinghpur District	SEA C	<p>is Tahasildar, Biridi.</p> <p>The following documents have been received Form-2, PFR, EIA &EMP, checklist, Mining Plan and approval letter, DSR, Village sheet, Cluster certificate, topomap etc.</p> <p>The following deficiencies/omission have been noticed in the above documents.</p> <ul style="list-style-type: none"> • Nil <p>Distance from nearest sanctuary/ESZ-Nandankanan WLS-23.0km Whether the lease area coming in D.L.C. report-No Whether the lease area reflecting in DSR-Yes Method of mining-Manual River-Devi, Depth of the river-0.5 meter Distance from Nearest Road Bridge-1.7km, village road-1.4km Whether it is part of cluster –No Whether EC obtained earlier-No Production capacity per annum-19426 cum/annum (max.), Geological reserve-80937 cum, Mineable reserve-38852 cum This is a B1 category project. Whether SEAC recommended the proposal –Yes Other Points</p> <ol style="list-style-type: none"> 1. For this project ToR has been issued by SEIAA, Odisha vide letter no. No.58823/89-MINB1/12-2020 dated 11.05.2021. 2. Public hearing was conducted at R.I Office, Purna of jagatsinghpur on 24.09.2021 and 81 person were present in the PH and the following point raised in the PH as follows: <ol style="list-style-type: none"> d. The sand should be cover during transportation, sprinkling of water on roads, plantation at nearby areas, emphasized on repair and maintenance of road. e. Precautionary measure for river embankment damage if any. f. Emphasis be given for local people to provide sand at cheaper rate. 4. The PP has submitted the replenishment study of sand bed which reveals that depth of sand bed was during pre- monsoon is 0.5 meter and post-monsoon 0.3 m to 0.4 m and accordingly sand deposition after post-monsoon is 14245 cum. <p>Other points</p> <ol style="list-style-type: none"> 2. The SEAC recommended for grant of Environmental Clearance for the proposal valid upto lease period with stipulated conditions as per Annexure – A in addition to the following specific conditions. 	and therefore limiting the maximum quantity of extraction to 4000 cum in the first year. Rate of replenishment study be carried out afresh by the drone method, taking premonsoon and post monsoon surface profile.
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									<ul style="list-style-type: none"> a. Revised mining plan shall be prepared based on essential physical criteria as per Enforcement and Monitoring Guidelines for Sand Mining, January 2020 of MoEF&CC, Govt. of India enclosed as Annexure - B. Lay out of Progressive Mine Closure Plan shall also be incorporated in the Revised Mining Plan. b. Replenishment study to be carried out periodically and any revised mining plan/production based on the study to be submitted with an action plan. c. Provision of Bio-toilet shall be made at the site. d. Avenue plantation and plantation on both sides of the haulage road in consultation with/ on the advice of concerned Forest Department, Government of Odisha & W.R. Department Government of Odisha as well. e. Stone patching with plantation in between along the stretch of the bank associated with sand mining and necessary ramp construction shall be made. f. In view of the likely revision of DSR for Jagatsinghpur District in future the details of this Minor Mineral reserve to be ascertained in the revised DSR. g. In view of the difference commonly found in sand deposits, the determination of Mining lease by local Tahasildar considering the Dimensions like average length, breadth and height of the deposit to be re-ascertained by the Revenue Department and RQP for final exploitation of sand and higher revenue for the state of Odisha. h. All the provisions of Sand Policy of Govt. Of Odisha Dtd 2.09.2021 to be followed for this sand mining project. i. CSR activities to be made with consultation with district administration. <p>In view of the above the proposal may be placed in the SEIAA meeting for appraisal.</p>	
9.	B2, EC	1(a) Mining	SIA/ OR/	Tahasildar,	Proposal for EC of	15.04.2022	Under	Online proposal	This is regarding a new proposal for mining of minor mineral Sand . The project has submitted at SEIAA under Category ' B2 ' as the lease	EC be given with maximum depth of

		of minerals	MIN/2572/04/2022	Rayagada	Tumbiguda River Sand Bed over an area of 6.00 Acres or 2.428 hect. In Village-Tumbiguda under Rayagada Tahasil of Rayagada district, Odisha		examination of SEIAA after SEA C	for EC	<p>area is ≤ 5.0 Ha. As per the EIA Notification, 2006, this project falls in the schedule under Sl.No-1(a) –“mining of mineral” of non-coal mining sector. The project proponent has submitted proposal for EC of Tumbiguda Sand Bed over an lease area 6.00 acres/2.428 Ha bearing Khata no. 64, plot no. 351 in village-Tumbiguda, Tahasil-Rayagada, Dist-Rayagada and the project proponent is Tahasilidar, Rayagada.</p> <p>The following documents have been received Form-1, Form-2, PFR, EMP, checklist, Mining Plan and approval letter, DSR, Village sheet, Cluster certificate, topomap etc.</p> <p>The following deficiencies/omission have been noticed in the above documents.</p> <ul style="list-style-type: none"> • Nil <p>Distance from nearest sanctuary/ESZ-Karlapat WLS-56.0km Whether the lease area coming in D.L.C. report-No Whether the lease area reflecting in DSR-Yes Method of mining-Manual River-Nagavali, Depth of sand deposition-1.0m Distance from Nearest Road Bridge-0.6km, village road-0.5km Whether it is part of cluster –No Whether EC obtained earlier-Yes, submitted EC compliance Production capacity per annum-7100 cum/annum(max.), Geological reserve-13459 cum, Mineable reserve-9772 cum This is a B2 category project. Whether SEAC recommended the proposal –Yeswith following specific additional conditions as follows:</p> <ol style="list-style-type: none"> Consent/NOC shall be obtained from the concerned BDO for use of village road for transportation. The said road shall also be maintained by the lessee. In view of likely revision of DSR, the mention of this deposit with final coordinates to be ensured. The sand policy dated 02.09.2021 of Govt. of Odisha to be followed strictly. <p>In view of the above the proposal may be placed in the SEIAA meeting for consideration.</p>	extraction of sand limited to 0.5m, and maximum quantity allowed to be exploited limited to 2400 cum in the first year. Usual conditions apply.
10.	B2, EC	1(a) Mining of minerals	SIA/OR/MIN/2570/03/2022	Tahasilidar, Rayagada	Proposal for EC of Beheraguda Sand Bed over an area of 10.00 Acres or 4.046 hect.	15.04.2022	Under examination of SEIAA after	Online proposal for EC	<p>This is regarding a new proposal for mining of minor mineral Sand. The project has submitted at SEIAA under Category 'B2' as the lease area is ≤ 5.0 Ha. As per the EIA Notification, 2006, this project falls in the schedule under Sl.No-1(a) –“mining of mineral” of non-coal mining sector. The project proponent has submitted proposal for EC of Beheraguda Sand Bed over an lease area 10.00 acres/4.046 Ha bearing Khata no. 03, plot no. 92/1 in village-Beheraguda, Tahasil-Rayagada, Dist-Rayagada and the project proponent is Tahasilidar,</p>	EC be given with maximum depth of extraction of sand limited to 0.5m, and maximum quantity allowed to

					In Village-Beheraguda under Rayagada Tahasil of Rayagada district, Odisha		SEA C		<p>Rayagada.</p> <p>The following documents have been received Form-1, Form-2, PFR, EMP, checklist, Mining Plan and approval letter, DSR, Village sheet, Cluster certificate, topomap etc.</p> <p>The following deficiencies/omission have been noticed in the above documents.</p> <ul style="list-style-type: none"> • Nil <p>Distance from nearest sanctuary/ESZ-Karlapat WLS-60.0km Whether the lease area coming in D.L.C. report-No Whether the lease area reflecting in DSR-Yes Method of mining-Manual River-Nagavali, Depth of sand deposition-1.0m Distance from Nearest Road Bridge-4.9km, village road-0.65km Whether it is part of cluster –Yes, submitted EC compliance Whether EC obtained earlier-No Production capacity per annum-20100 cum/annum(max.), Geological reserve-36587 cum, Mineable reserve-32872 cum This is a B2 category project. Whether SEAC recommended the proposal –Yeswith following specific additional conditions as follows:</p> <ol style="list-style-type: none"> Consent/NOC shall be obtained from the concerned BDO for use of village road for transportation. The said road shall also be maintained by the lessee. In view of likely revision of DSR, the mention of this deposit with final coordinates to be ensured. The sand policy dated 02.09.2021 of Govt. of Odisha to be followed strictly. <p>In view of the above the proposal may be placed in the SEIAA meeting for consideration.</p>	be exploited limited to 4000 cum in the first year. Pending study of the rate of replenishment.
11.	B2, EC	1(a) Mining of minerals	SIA/ OR/ MIN/ 2715 73/20 22	Sri Rashmi Ranjan Patra	Proposal for EC of Lakarma Sand Quarry over an area of 12.355 acres or 5.00 hectares in village Lakarma under	09.05. 2022	Under examination of SEIAA after SEA C	Online proposal for EC	<p>This is regarding a new proposal for mining of minor mineral Sand. The project has submitted at SEIAA under Category 'B2' as the lease area is ≤5.0 Ha. As per the EIA Notification, 2006, this project falls in the schedule under Sl.No-1(a) –“mining of mineral” of non-coal mining sector. The project proponent has submitted proposal for EC of Proposal for EC of Lakarma sand quarry over 12.35 acres/5.00 Ha in village Lakarma under SonapurTahasil of SubarnapurDistrict, Odisha and the project proponent is Sri RashmiRanjanPatra.</p> <p>The following documents have been received Form-1, Form-2, PFR, EMP, checklist, Mining Plan and approval letter, DSR, Village sheet, Cluster certificate, topomap etc.</p> <p>The following deficiencies/omission have been noticed in the</p>	EC be given with maximum depth of extraction of sand limited to 0.5m, and maximum quantity allowed to be exploited limited to 5000 cum in the first

					Sonepur Tahasil In Subarnapur District, Odisha.				<p>above documents.</p> <ul style="list-style-type: none"> • Nil <p>Distance from nearest sanctuary/ESZ-Debrigarh WLS-73.0km Whether the lease area coming in D.L.C. report-No Whether the lease area reflecting in DSR-Yes Method of mining-Manual River-Tel, Depth of sand deposition-1.0m Distance from Nearest Road Bridge-8.90km, village road-0.90km Whether it is part of cluster –No Whether EC obtained earlier-Yes, and submitted EC compliance Production capacity per annum-7000 cum/annum(max.), Geological reserve-50000 cum, Mineable reserve-42937 cum This is a B2 category project. Whether SEAC recommended the proposal –Yeswith following specific additional conditionsas follows: i). Consent/NOC shall be obtained from the concerned BDO for use of village road for transportation. The said road shall also be maintained by the lessee. ii). In view of likely revision of DSR, the mention of this deposit with final coordinates to be ensured. iii). The sand policy dated 02.09.2021 of Govt. of Odisha to be followed strictly. In view of the above the proposal may be placed in the SEIAA meeting for consideration.</p>	year, pending study of the rate of replenishment.
12.	B2, EC	1(a) Mining of minerals	SIA/ OR/ MIN/ 2719 52/20 22	Tahasil, Kodinga	Sanasirisiaguda Stone Quarry over an area of 2.00 acres or 0.809 hectares bearing Khata no. 125, Plot no. 267 in Sanasirisiaguda village of Kodinga Tahasil, District-Nabarangpur State	09.05.2022	Under examination of SEIAA after SEA C	Online proposal for EC	<p>This is regarding a new proposal for mining of minor mineral Stone. The project has submitted at SEIAA under Category 'B2' as the lease area is ≤5.0 Ha. As per the EIA Notification, 2006, this project falls in the schedule under Sl.No-1(a) –“mining of mineral” of non-coal mining sector. The project proponent has submitted proposal for EC of Proposal for EC of Sanasirisiaguda Stone Quarry-III over an area of 2.00 acres or 0.809 hectares bearing Khata no. 125, Plot no. 267 in Sanasirisiaguda village of KodingaTahasil, District-Nabarangpur State Odishaand the project proponent is Tahasil, Kodinga. The following documents have been received Form-1, Form-2, PFR, D.L.C, EMP, checklist, Mining Plan and approval letter, DSR, Village sheet, Cluster certificate, topomap etc. The following deficiencies/omission have been noticed in the above documents.</p> <ul style="list-style-type: none"> • Village road is located 10 meter away from the proposed stone quarry. • Wrong information provided in the EC compliance report and not satisfactory. <p>Distance from nearest sanctuary/ESZ-Sunabeda WLS-160.0km Whether the lease area coming in D.L.C. report-No</p>	Tahasil may be asked to clarify how is the safety of village road only 10m away going to be ensured. Is it possible to do the operation without blasting? Detailed compliance report of previous EC conditions be submitted.

					Odisha.				<p>Whether the lease area reflecting in DSR-Yes Method of mining-Semi-mechanized Distance from Nearest Road Bridge-12.40km, village road-0.01km Whether it is part of cluster –No Whether EC obtained earlier-Yes, submitted EC compliance not satisfactory, not plantation activities was done as appears in google earth map and submitted wrong information in the EC compliance report. Production capacity per annum-2700 cum/annum (max.), Geological reserve-65093 cum, Mineable reserve-30603 cum This is a B2 category project. Whether SEAC recommended the proposal –Yes</p> <p>In view of the above the proposal may be placed in the SEIAA meeting for consideration.</p>	
13.	B2, EC	1(a) Mining of minerals	SIA/OR/MIN/255663/2022	Tahasil, Nabarangpur	Proposal of Tahasil, Nabarangpur for EC of Churahandi Sand Quarry Over an area of 10.00 Acres or 4.047 Ha. in Village-Churahandi, Tahasil-Nabarangpur, District-Nabarangpur	09.05.2022	Under examination of SEIAA after SEA C	Online proposal for EC	<p>This is regarding a new proposal for mining of minor mineral Sand. The project has submitted at SEIAA under Category 'B2' as the lease area is ≤5.0 Ha. As per the EIA Notification, 2006, this project falls in the schedule under Sl.No-1(a) –“mining of mineral” of non-coal mining sector. The project proponent has submitted proposal for EC of Proposal for EC of Churahandi sand quarry over 4.047 ha. or 10.00 acres in village Churahandi under Nabarangpur Tahasil of Nabarangpur district, Odisha by Tahasil, Nabarangpur. The following documents have been received Form-1, Form-2, PFR, EMP, checklist, Mining Plan and approval letter, DSR, Village sheet, Cluster certificate, topomap etc. The following deficiencies/omission have been noticed in the above documents.</p> <ul style="list-style-type: none"> • Nil Distance from nearest sanctuary/ESZ-Sunabeda WLS-84.0km Whether the lease area coming in D.L.C. report-No Whether the lease area reflecting in DSR-Yes Method of mining- Manual River- Indravati , Depth of sand deposition- 2.0m Distance from Nearest Road Bridge-3.42km , village road- 0.34km Whether it is part of cluster –No Whether EC obtained earlier-No Production capacity per annum-16340cum/annum(max.) , Geological reserve-80940 cum, Mineable reserve-68090 cum This is a B2 category project. Whether SEAC recommended the proposal –Yes with following specific additional conditions as follows: i). Consent/NOC shall be obtained from the concerned BDO for use of village road for transportation. The said road shall also	EC be given with maximum depth of extraction of sand limited to 1m, and maximum quantity allowed to be exploited limited to 8000 cum in the first year; pending study of the rate of replenishment.

									<p>be maintained by the lessee.</p> <p>ii). In view of likely revision of DSR, the mention of this deposit with final coordinates to be ensured.</p> <p>iii). The sand policy dated 02.09.2021 of Govt. of Odisha to be followed strictly.</p> <p>In view of the above the proposal may be placed in the SEIAA meeting for consideration.</p>	
14.	B2, EC	1(a) Mining of minerals	SIA/OR/MIN/255667/2022	Tahasiildar, Nabarangpur	Proposal of Tahasiildar, Nabarangpur for EC of Siuni Stone Quarry Over an area of 10.00 Acres or 4.047 Ha. in Village-Siuni, Tahasil-Nabarangpur, District-Nabarangpur	09.05.2022	Under examination of SEIAA after SEA C	Online proposal for EC	<p>This is regarding a new proposal for mining of minor mineral Stone. The project has submitted at SEIAA under Category 'B2' as the lease area is ≤ 5.0 Ha. As per the EIA Notification, 2006, this project falls in the schedule under Sl.No-1(a) –“mining of mineral” of non-coal mining sector. The project proponent has submitted proposal for EC of Proposal for EC of Siuni stone quarry over 4.047 hect or 10.00 acres in village Siuni under Nabarangpur, Tahasil of Nabarangpur District, Odisha and the project proponent is Tahasiildar, Nabarangpur.</p> <p>The following documents have been received Form-1, Form-2, PFR, D.L.C, EMP, checklist, Mining Plan and approval letter, DSR, Village sheet, Cluster certificate, topomap etc.</p> <p>The following deficiencies/omission have been noticed in the above documents.</p> <ul style="list-style-type: none"> • Nil <p>Distance from nearest sanctuary/ESZ-Sunabeda WLS-79.36.0km Whether the lease area coming in D.L.C. report-No Whether the lease area reflecting in DSR-Yes Method of mining-Semi-mechanized Distance from Nearest Road Bridge-2.10km, village road-0.51km Whether it is part of cluster –No Whether EC obtained earlier-No Production capacity per annum-30184 cum/annum (max.), Geological reserve-232996 cum, Mineable reserve-150920 cum This is a B2 category project. Whether SEAC recommended the proposal –Yes</p> <p>In view of the above the proposal may be placed in the SEIAA meeting for consideration.</p>	EC be given with usual conditions.
15.	B2, EC	5(g) Industry-2	SIA/OR/MIN/262463/2022	Sri Manas Biswal	Proposal for Fresh EC of Bautiragada Road Metal Quarry No.II over an area of 3.66	09.05.2022	Under examination of SEIAA	Online proposal for EC	<p>This is regarding a new proposal for mining of minor mineral Stone. The project has submitted at SEIAA under Category 'B2' as the lease area is ≤ 5.0 Ha. As per the EIA Notification, 2006, this project falls in the schedule under Sl.No.1(a) –“mining of mineral” of non-coal mining sector. The project proponent has submitted proposal for EC of Proposal for EC of Proposal for Fresh EC of Bautiragada Road Metal Quarry No.II over an area of 3.66 Acres or 1.48 Ha, at village</p>	EC be given with usual conditions. It appears there is a lot of quarrying already taken

					Acres or 1.48 Hectares at village Bautiragada under Odapada Tahasil District Dhenkanal. Odisha (submitted under Cluster approach of Total Cluster area-4.036 Hectares		after SEA C		<p>Bautiragada, Tahasil-Odapada, Dist-Dhenkanal (submitted under Cluster approach of Total Cluster area-4.036 Hectares of Bautiragada&Narahiand the project proponent is Sri ManasBiswal. The following documents have been received Form-1, Form-2, PFR, D.L.C, EMP, checklist, Mining Plan and approval letter, DSR, Village sheet, Cluster certificate, topomap etc. The following deficiencies/omission have been noticed in the above documents.</p> <ul style="list-style-type: none"> • So many quarries were operated in this area as it appears in the google earth map but no plantation activities and other mitigation neither mentioned in the EC compliance not appears in the google earth map. <p>Distance from nearest sanctuary/ESZ-Kapilash WLS-44.0km Whether the lease area coming in D.L.C. report-No Whether the lease area reflecting in DSR-Yes Method of mining-Semi-mechanized Distance from Nearest Road Bridge-9.0km, village road-0.80km Whether it is part of cluster –Yes, total lease area under cluster is 4.036 Ha, B2-category project and submitted cluster EMP. Whether EC obtained earlier-Yes obtained from DEIAA, Dhenkanaland submitted EC compliance Production capacity per annum-40000 cum/annum (max.), Geological reserve-198117 cum, Mineable reserve-115488 cum This is a B2 category project. Whether SEAC recommended the proposal –Yes</p> <p>In view of the above the proposal may be placed in the SEIAA meeting for consideration.</p>	place in the surrounding areas. Whether it is all authorised and legal may be clarified.
16.	B2, EC	1(a) Mining of minerals	SIA/OR/MIN/257363/2022	Sri Jayanta Parida	Proposal for Fresh EC of Bautiragada Road Metal Quarry No.I over an area of 3.45 Acres or 1.39 Ha, at village Bautiragada, Tahasil-Odapada, Dist-Dhenkanal (09.05.2022	Under examination of SEIAA after SEA C	Online proposal for EC	<p>This is regarding a new proposal for mining of minor mineral Stone. The project has submitted at SEIAA under Category 'B2' as the lease area is ≤5.0 Ha. As per the EIA Notification, 2006, this project falls in the schedule under Sl.No-1(a) –“mining of mineral” of non-coal mining sector. The project proponent has submitted proposal for EC of Proposal for EC of Proposal for Fresh EC of Bautiragada Road Metal Quarry No.I over an area of 3.45 Acres or 1.39 Ha, at village Bautiragada, Tahasil-Odapada, Dist-Dhenkanal(submitted under Cluster approach of Total Cluster area-4.036 Hectares of Bautiragada&Narahiand the project proponent is Smt. JayantiParida. The following documents have been received Form-1, Form-2, PFR, D.L.C, EMP, checklist, Mining Plan and approval letter, DSR, Village sheet, Cluster certificate, topomap etc. The following deficiencies/omission have been noticed in the above documents.</p> <ul style="list-style-type: none"> • So many quarries were operated in this area as it appears in the 	EC be given with usual conditions. It appears there is a lot of quarrying already taken place in the surrounding areas. Whether it is all authorised and legal may be clarified.

					submitted under Cluster approach of Total Cluster area-4.036 Hectares of Bautiragada & Narahi				<p>google earth map but no plantation activities and other mitigation neither mentioned in the EC compliance not appears in the google earth map.</p> <p>Distance from nearest sanctuary/ESZ-Kapilash WLS-44.0km Whether the lease area coming in D.L.C. report-No Whether the lease area reflecting in DSR-Yes Method of mining-Semi-mechanized Distance from Nearest Road Bridge-9.0km, village road-0.80km Whether it is part of cluster –Yes, total lease area under cluster is 4.036 Ha, B2-category project and submitted cluster EMP. Whether EC obtained earlier-Yes obtained from DEIAA, Dhenkanaland submitted EC compliance Production capacity per annum-4000 cum/annum (max.), Geological reserve-132538 cum, Mineable reserve-41447 cum This is a B2 category project. Whether SEAC recommended the proposal –Yes</p> <p>In view of the above the proposal may be placed in the SEIAA meeting for consideration.</p>	
17.	B2, EC	1(a) Mining of minerals	SIA/OR/MIN/255184/2022	Tahasildar Raighar	Proposal of Tahasildar Raighar for EC of Samalpur Stone Quarry over area of 0.30 Acres or 2.55Ha in Village-Samalpur, Tahasil-Raighar, District-Nabarangpur	07.05.2022	Under examination of SEIAA after SEA C	Online proposal for EC	<p>This is regarding a new proposal for mining of minor mineral Stone. The project has submitted at SEIAA under Category 'B2' as the lease area is ≤ 5.0 Ha. As per the EIA Notification, 2006, this project falls in the schedule under Sl.No-1(a) –“mining of mineral” of non-coal mining sector. The project proponent has submitted proposal for EC of Proposal for EC of Proposal for Fresh EC of Sambalpur Stone quarry over an lease area 2.55 Ha or 6.30 acres in village Sambalpur, Tahasil-Raighar, Dist-Nabarangpur and the project proponent is Tahasildar, Raighar.</p> <p>The following documents have been received Form-1, Form-2, PFR, D.L.C, EMP, checklist, Mining Plan and approval letter, DSR, Village sheet, Cluster certificate, topomap etc. The following deficiencies/omission have been noticed in the above documents.</p> <ul style="list-style-type: none"> • Nil <p>Distance from nearest sanctuary/ESZ-Sunabeda WLS-47.0km Whether the lease area coming in D.L.C. report-No Whether the lease area reflecting in DSR-Yes Method of mining-Semi-mechanized Distance from Nearest Road Bridge-12.37km, village road-0.23km Whether it is part of cluster –No Whether EC obtained earlier-No Production capacity per annum-6056 cum/annum (max.), Geological reserve-55146 cum, Mineable reserve-30282 cum This is a B2 category project.</p>	EC be given with usual conditions applicable to stone quarry.

									Whether SEAC recommended the proposal –Yes	
18.	B2, EC	1(a) Mining of minerals	SIA/OR/MIN/247767/2021	Tahasildar, Kantapada	Proposal for Ec of Badakharamanga(East) Sand Quarry over an area of 12.35Acres or 4.997 hectares in village Badakharamanga of Jharpada Gram Panchayat under Kantapada Tahasil of Cuttack District of Tahasildar, Kantapada, on Behalf of Successful Bidder.	27.04.2022	Under examination of SEIAA after SEA C	Online proposal for EC	<p>In view of the above the proposal may be placed in the SEIAA meeting for consideration.</p> <p>This is regarding a new proposal for mining of minor mineral Sand. The project has submitted at SEIAA under Category 'B2' as the lease area is ≤ 5.0 Ha. As per the EIA Notification, 2006, this project falls in the schedule under Sl.No-1(a) –“mining of mineral” of non-coal mining sector. The project proponent has submitted proposal for EC of Badakharamanga (East) Sand Bed over an lease area 12.35 acres/4.997 Ha in village-Badakharamanga, Tahasil-Kantapada, Dist-Cuttack and the project proponent is Tahasildar, Kantapada.</p> <p>The following documents have been received Form-1, Form-2, PFR, EMP, checklist, Mining Plan and approval letter, DSR, Village sheet, Cluster certificate, topomap etc.</p> <p>The following deficiencies/omission have been noticed in the above documents.</p> <ul style="list-style-type: none"> • Nil <p>Distance from nearest sanctuary/ESZ-Chandaka WLS-56.0km Whether the lease area coming in D.L.C. report-No Whether the lease area reflecting in DSR-Yes Method of mining-Manual River-Devi, Depth of sand deposition-2.0m Distance from Nearest Road Bridge-0.670km, village road-1.0km Whether it is part of cluster –No Whether EC obtained earlier-Yes, submitted EC compliance Production capacity per annum-25000 cum/annum(max.), Geological reserve-99940 cum, Mineable reserve-82200 cum This is a B2 category project. Whether SEAC recommended the proposal –Yeswith following specific additional conditionsas follows: i). Consent/NOC shall be obtained from the concerned BDO for use of village road for transportation. The said road shall also be maintained by the lessee. ii). In view of likely revision of DSR, the mention of this deposit with final coordinates to be ensured. iii). The sand policy dated 02.09.2021 of Govt. of Odisha to be followed strictly.</p> <p>In view of the above the proposal may be placed in the SEIAA meeting for consideration.</p>	EC be given with maximum depth of extraction of sand limited to 1m, and maximum quantity allowed to be exploited limited to 10000 cum in the first year; pending study of the rate of replenishment.
19.	B2, EC	1(a) Mining of	SIA/OR/MIN/	Sri.lswar Chand	Proposal of Sri.lswar Chandra	16.04.2022	Under exam	Online proposal for EC	<p>This is regarding a new proposal for mining of minor mineral Sand. The project has submitted at SEIAA under Category 'B2' as the lease area is ≤ 5.0 Ha. As per the EIA Notification, 2006, this project falls in</p>	EC be given with maximum depth of

		minerals	2681 37/20 22	ra Badapanda	Badapanda for EC of Kalikaprasad Sand Quarry over an area of 6.50 acres or 2.630 Ha in village-Kalikaprasad, Tahasil-Champua, District-Keonjhar		ination of SEIAA after SEAC		<p>the schedule under Sl.No-1(a) –“mining of mineral” of non-coal mining sector. The project proponent has submitted proposal for EC of Kalikaprasad Sand Quarry over an area of 6.50 acres or 2.630 hectares bearing khata no. 327, Plot no. 2451/1 in village Kalikaprasad under Champua Tahasil in Keonjhar District Odisha and the project proponent is Sri Iswar Badapanda.</p> <p>The following documents have been received Form-1, Form-2, PFR, EMP, checklist, Mining Plan and approval letter, DSR, Village sheet, Cluster certificate, topomap etc.</p> <p>The following deficiencies/omission have been noticed in the above documents.</p> <ul style="list-style-type: none"> • Nil <p>Distance from nearest sanctuary/ESZ-Similipal WLS-49.3km Whether the lease area coming in D.L.C. report-No Whether the lease area reflecting in DSR-Yes Method of mining-Manual River-Radei, Depth of sand deposition-1.0m Distance from Nearest Road Bridge-1.0km, village road-1.0km Whether it is part of cluster –Yes, total lease area under cluster is 4.997 Ha, B2-project and submitted cluster EMP. Whether EC obtained earlier-Yes, submitted EC compliance Production capacity per annum-1200 cum/annum(max.), Geological reserve-26300 cum, Mineable reserve-20000 cum This is a B2 category project. Whether SEAC recommended the proposal –Yes with following specific additional conditions as follows:</p> <ol style="list-style-type: none"> Consent/NOC shall be obtained from the concerned BDO for use of village road for transportation. The said road shall also be maintained by the lessee. In view of likely revision of DSR, the mention of this deposit with final coordinates to be ensured. The sand policy dated 02.09.2021 of Govt. of Odisha to be followed strictly. <p>In view of the above the proposal may be placed in the SEIAA meeting for consideration.</p>	extraction of sand limited to 0.5m, and maximum quantity allowed to be exploited limited to 1200 cum in the first year; pending study of the rate of replenishment.
20.	B2, EC	1(a) Mining of minerals	SIA/ OR/ MIN/ 2681 35/20 22	Sri. Jagadish Badapanda	Proposal of Sri. Jagadish Badapanda for EC of Mahisapat Matialghat Sand Quarry over an area	16.04. 2022	Under examination of SEIAA after	Online proposal for EC	<p>This is regarding a new proposal for mining of minor mineral Sand. The project has submitted at SEIAA under Category 'B2' as the lease area is ≤5.0 Ha. As per the EIA Notification, 2006, this project falls in the schedule under Sl.No-1(a) –“mining of mineral” of non-coal mining sector. The project proponent has submitted proposal for EC of Mahisapat Matialghat Sand Quarry over an area of 5.58 acres or 2.367 hectares in village Kalikaprasad under Champua, Tahasil in Keonjhar District Odisha and the project proponent is Sri Jagadish Badapanda.</p>	EC be given with maximum depth of extraction of sand limited to 0.5m, and maximum quantity allowed to be exploited

					of 5.58 Acres or 2.367 Ha in village-Kalikaprasad ,Tahasil-Champua, District-Keonjhar		SEA C		<p>The following documents have been received Form-1, Form-2, PFR, EMP, checklist, Mining Plan and approval letter, DSR, Village sheet, Cluster certificate, topomap etc.</p> <p>The following deficiencies/omission have been noticed in the above documents.</p> <ul style="list-style-type: none"> • Nil <p>Distance from nearest sanctuary/ESZ-Similipal WLS-48.3km Whether the lease area coming in D.L.C. report-No Whether the lease area reflecting in DSR-Yes Method of mining-Manual River-Rradei, Depth of sand deposition-1.0m Distance from Nearest Road Bridge-1.2km, village road-1.2km Whether it is part of cluster –Yes, total lease area under cluster is 4.997 Ha, B2-project and submitted cluster EMP. Whether EC obtained earlier-Yes, submitted EC compliance Production capacity per annum-1240 cum/annum(max.), Geological reserve-23670 cum, Mineable reserve-15500 cum This is a B2 category project. Whether SEAC recommended the proposal –Yeswith following specific additional conditionsas follows: i). Consent/NOC shall be obtained from the concerned BDO for use of village road for transportation. The said road shall also be maintained by the lessee. ii). In view of likely revision of DSR, the mention of this deposit with final coordinates to be ensured. iii). The sand policy dated 02.09.2021 of Govt. of Odisha to be followed strictly.</p> <p>In view of the above the proposal may be placed in the SEIAA meeting for consideration.</p>	limited to 2500 cum in the first year; pending study of the rate of replenishment.
21.	B2, EC	1(a) Mining of minerals	SIA/ OR/ MIN/ 2680 09/20 22	Sri. Akash Panda	Proposal of Sri. Akash Panda for EC of Badburkabahal Stone Quarry over an area of 5.00 Acres or 2.023 Ha in village-Badburkabahal, Tahasil-	15.04. 2022	Under examination of SEIAA after SEA C	Online proposal for EC	<p>This is regarding a new proposal for mining of minor mineral Stone. The project has submitted at SEIAA under Category 'B2' as the lease area is ≤ 5.0 Ha. As per the EIA Notification, 2006, this project falls in the schedule under Sl.No-1(a) –“mining of mineral” of non-coal mining sector. The project proponent has submitted proposal for EC of Proposal for EC of Badburkabahal Stone Quarry over an area of 5.00 Acres or 2.023 Hectares in village Badburkabahal under Puintalatahasil of Balangir district and the project proponent is Sri Akash Panda.</p> <p>The following documents have been received Form-1, Form-2, PFR, D.L.C, EMP, checklist, Mining Plan and approval letter, DSR, Village sheet, Cluster certificate, topomap etc.</p> <p>The following deficiencies/omission have been noticed in the above documents.</p>	EC be issued with usual conditions applicable to stone quarry.

					Puintala, District- Balangir				<ul style="list-style-type: none"> Nil <p>Distance from nearest sanctuary/ESZ-Sunabeda WLS-110.0km Whether the lease area coming in D.L.C. report-No Whether the lease area reflecting in DSR-Yes Method of mining-Semi-mechanized Distance from Nearest Road Bridge-2.7km, village road-0.5km Whether it is part of cluster –Yes, total lease area under cluster is 4.046 Ha and submitted cluster EMP. Whether EC obtained earlier-Yes, submitted EC compliance not satisfactory, not plantation activities was done as appears in google earth map Production capacity per annum-1544cum/annum(max.), Geological reserve-540849.6 cum, Mineable reserve-374938.2 cum This is a B2 category project. Whether SEAC recommended the proposal –Yeswith following specific additional conditions as follows:</p> <ol style="list-style-type: none"> Consent/NOC shall be obtained from the concerned BDO for use of village road for transportation. The said road shall also be maintained by the lessee. In view of likely revision of DSR, the mention of this deposit with final coordinates to be ensured. It stated that not economical for construction of metalled road. Since 10% waste will be generated, the same shall be used in construction of haulage road with compaction as proposed. PP shall make adequate safety measures against risk of flying Rock sliding due to slop failure. <p>In view of the above the proposal may be placed in the SEIAA meeting for consideration.</p>	
22.	B2, EC	1(a) Mining of minerals	SIA/OR/ MIN/ 2655 71/20 22	Tahasildar, Khordha	Proposal of Tahasildar, Khordha for EC of Haladipada Laterite Stone Quarry over an area of 5.420 Acres or 2.193 Ha at village-Haladipada, Tahasil-	02.04. 2022	Under examination of SEIAA after SEA C	Online proposal for EC	<p>This is regarding a new proposal for mining of minor mineral Laterite Stone. The project has submitted at SEIAA under Category 'B2' as the lease area is ≤5.0 Ha. As per the EIA Notification, 2006, this project falls in the schedule under Sl.No-1(a) –“mining of mineral” of non-coal mining sector. The project proponent has submitted proposal for EC of Haladipada Laterite Stone Quarry over an area of 5.420 Acres or 2.193 Hectares at village Haladipada under Khordha Tahasil of Khordha District and the project proponent is Tahasildar, Khordha.</p> <p>The following documents have been received Form-1, Form-2, PFR, D.L.C, EMP, checklist, Mining Plan and approval letter, DSR, Village sheet, Cluster certificate, topomap etc.</p> <p>The following deficiencies/omission have been noticed in the above documents.</p> <ul style="list-style-type: none"> In the google earth map it appears that so many operated laterite 	EC be issued with usual conditions applicable to stone quarry with maximum depth of mining to be 1.3 meter from top surface; as per the mining plan. It appears there is a lot of quarrying

					Khordha, District - Khordha				<p>stone are there but it not know that whether all quarries operated with EC and comply EC conditions.</p> <p>Distance from nearest sanctuary/ESZ-Chandaka WLS-23.0km</p> <p>Whether the lease area coming in D.L.C. report-No</p> <p>Whether the lease area reflecting in DSR-Yes</p> <p>Method of mining-Semi-mechanized</p> <p>Distance from Nearest Road Bridge-2.0km, village road-0.5km</p> <p>Whether it is part of cluster –No</p> <p>Whether EC obtained earlier-No</p> <p>Production capacity per annum-2000 cum/annum (max.), Geological reserve-23030 cum, Mineable reserve-16991 cum</p> <p>This is a B2 category project.</p> <p>Whether SEAC recommended the proposal –Yes</p> <p>In view of the above the proposal may be placed in the SEIAA meeting for consideration.</p>	<p>already taken place in the surrounding areas. Whether it is authorised and legal may be clarified.</p>
23.	B2, EC	1(a) Mining of minerals	SIA/OR/MIN/265573/2022	Tahasil, Jhumpura	Proposal of Tahasil, Jhumpura for EC of Bishnupur Sand Bed over an area of 5.00 acres or 2.023 Ha in village-Bishnupur, Tahasil-Jhumpura, District-Keonjhar	02.04.2022	Under examination of SEIAA after SEA C	Online proposal for EC	<p>This is regarding a new proposal for mining of minor mineral Sand. The project has submitted at SEIAA under Category 'B2' as the lease area is ≤ 5.0 Ha. As per the EIA Notification, 2006, this project falls in the schedule under Sl.No-1(a) –“mining of mineral” of non-coal mining sector. The project proponent has submitted proposal for EC of Bishnupur Sand Bed over an area of 5.00 acres or 2.023 hectares in village Bishnupur under Jhumpura Tahasil in Keonjhar District Odisha and the project proponent is Smt. Prativa Prusty.</p> <p>The following documents have been received</p> <p>Form-1, Form-2, PFR, EMP, checklist, Mining Plan and approval letter, DSR, Village sheet, Cluster certificate, topomap etc.</p> <p>The following deficiencies/omission have been noticed in the above documents.</p> <ul style="list-style-type: none"> • Nil <p>Distance from nearest sanctuary/ESZ-Similipal WLS-55.9km</p> <p>Whether the lease area coming in D.L.C. report-No</p> <p>Whether the lease area reflecting in DSR-Yes</p> <p>Method of mining-Manual</p> <p>River-Aradei, Depth of the river-1.0 meter</p> <p>Distance from Nearest Road Bridge-5.30km, village road-0.7km</p> <p>Whether it is part of cluster –No</p> <p>Whether EC obtained earlier-No</p> <p>Production capacity per annum-1000 cum/annum (max.), Geological reserve-14357 cum, Mineable reserve-5120 cum</p> <p>This is a B2 category project.</p> <p>Whether SEAC recommended the proposal –Yes</p> <p>In view of the above the proposal may be placed in the SEIAA meeting</p>	<p>EC be given with maximum depth of extraction of sand limited to 0.5m, and maximum quantity allowed to be exploited 1000 cum as proposed in the first year; pending study of the rate of replenishment.</p>

									for consideration.	
24.	B2, EC	1(a) Mining of minerals	SIA/OR/MIN/2655/69/2022	Tahasildar, Jhumpura	Proposal of Tahasildar, Jhumpura for EC of Teli Arshala Sand Bed over an area of 2.680 acres or 1.085 Ha in village- Teli Arshala, Tahasil-Jhumpura, District-Keonjhar	02.04.2022	Under examination of SEIAA after SEA C	Online proposal for EC	<p>This is regarding a new proposal for mining of minor mineral Sand. The project has submitted at SEIAA under Category 'B2' as the lease area is ≤ 5.0 Ha. As per the EIA Notification, 2006, this project falls in the schedule under Sl.No-1(a) –“mining of mineral” of non-coal mining sector. The project proponent has submitted proposal for EC of Teli Arshala Sand Bed over an area of 2.680 acres or 1.085 hectares in village Teli Arshala under Jhumpura Tahasil of Keonjhar District of Odisha and the project proponent is Smt. Prativa Prusty.</p> <p>The following documents have been received Form-1, Form-2, PFR, EMP, checklist, Mining Plan and approval letter, DSR, Village sheet, Cluster certificate, topomap etc.</p> <p>The following deficiencies/omission have been noticed in the above documents.</p> <ul style="list-style-type: none"> • Nil <p>Distance from nearest sanctuary/ESZ-Similipal WLS-55.3km Whether the lease area coming in D.L.C. report-No Whether the lease area reflecting in DSR-Yes Method of mining-Manual River-Aradei, Depth of the river-1.0 meter Distance from Nearest Road Bridge-5.76km, village road-1.0km Whether it is part of cluster –No Whether EC obtained earlier-No Production capacity per annum-1000 cum/annum (max.), Geological reserve-10850 cum, Mineable reserve-3100 cum This is a B2 category project. Whether SEAC recommended the proposal –Yes</p> <p>In view of the above the proposal may be placed in the SEIAA meeting for consideration.</p>	EC be given with maximum depth of extraction of sand limited to 0.5m, and maximum quantity allowed to be exploited 1000 cum as proposed, in the first year, pending study of the rate of replenishment.
25.	B2, EC	1(a) Mining of minerals	SIA/OR/MIN/2654/73/2022	Tahasildar, Nuapada	Proposal of Tahasildar, Nuapada for EC of Mongrapali Sand Quarry over an area 8.750acres or 3.541Ha in village-Mongrapali, Tahasil-Nuapada,	01.04.2022	Under examination of SEIAA after SEA C	Online proposal for EC	<p>This is regarding a new proposal for mining of minor mineral Sand. The project has submitted at SEIAA under Category 'B2' as the lease area is ≤ 5.0 Ha. As per the EIA Notification, 2006, this project falls in the schedule under Sl.No-1(a) –“mining of mineral” of non-coal mining sector. The project proponent has submitted proposal for EC of Proposal for EC of Mongrapali Sand Quarry over an area 8.750acres or 3.541hectares in Mongrapali village of Nuapadatahasil in Nuapada district Odishaand the project proponent is Tahasildar, Nuapada.</p> <p>The following documents have been received Form-1, Form-2, PFR, EMP, checklist, Mining Plan and approval letter, DSR, Village sheet, Cluster certificate, topomap etc.</p> <p>The following deficiencies/omission have been noticed in the above documents.</p>	EC be given with maximum depth of extraction of sand limited to 0.5m, and maximum quantity allowed to be exploited limited to 3500 cum in the first year, pending study of the rate of

					Distict- Nuapada				<ul style="list-style-type: none"> Nil Distance from nearest sanctuary/ESZ-Sunabeda WLS-26.5km Whether the lease area coming in D.L.C. report-No Whether the lease area reflecting in DSR-Yes Method of mining- Manual River- Jonk , Depth of sand deposition- 1.0m Distance from Nearest Road Bridge-10.1km , village road- 1.3km , OdishaChhatishgarh State boundary-300 meter. Whether it is part of cluster –No Whether EC obtained earlier-No Production capacity per annum-10000cum/annum(max.) , Geological reserve-30211 cum, Mineable reserve-24873 cum This is a B2 category project. Whether SEAC recommended the proposal –Yes with following specific additional conditionsas follows: <ul style="list-style-type: none"> i). Consent/NOC shall be obtained from the concerned BDO for use of village road for transportation. The said road shall also be maintained by the lessee. ii). In view of likely revision of DSR, the mention of this deposit with final coordinates to be ensured. iii). The sand policy dated 02.09.2021 of Govt. of Odisha to be followed strictly. In view of the above the proposal may be placed in the SEIAA meeting for consideration.	replenishment.
26.	B2, EC	1(a) Mining of minera ls	SIA/ OR/ MIN/ 2654 21/20 22	Tahasi ldar, Nuapa da	Proposal of Tahasildar, Nuapada for EC of Bairbhadi Stone Quarry over an area 2.30 acres or 0.930 Ha in village- Bairbhadi, Tahasil- Nuapada, District- Nuapada	01.04. 2022	Unde r exam inatio n of SEIA A after SEA C	Online proposal for EC	This is regarding a new proposal for mining of minor mineral Stone . The project has submitted at SEIAA under Category ' B2 ' as the lease area is ≤5.0 Ha. As per the EIA Notification, 2006, this project falls in the schedule under Sl.No-1(a) –“mining of mineral” of non-coal mining sector. The project proponent has submitted proposal for EC ofProposal for EC of BOIRBHADI STONE QUARRY over an area 2.30 acres or 0.930 hec in village Boirbhadi under Nuapada-tahasil of Nuapada district Odishaand the project proponent is Tahasildar, Nuapada . The following documents have been received Form-1, Form-2, PFR, D.L.C, EMP, checklist, Mining Plan and approval letter, DSR, Village sheet, Cluster certificate, topomap etc. The following deficiencies/omission have been noticed in the above documents. <ul style="list-style-type: none"> Nil Distance from nearest sanctuary/ESZ-Sunabeda WLS-14.0km Whether the lease area coming in D.L.C. report-No Whether the lease area reflecting in DSR-Yes Method of mining- Semi-mechanized	EC be issued with usual conditions applicable to stone quarry.

									<p>Distance from Nearest Road Bridge-5.0km, village road-0.8km Whether it is part of cluster –No Whether EC obtained earlier-Yes Production capacity per annum-3317cum/annum(max.), Geological reserve-79976.7 cum, Mineable reserve-21549.6 cum This is a B2 category project. Whether SEAC recommended the proposal –Yeswith following specific additional conditionsas follows: i). Consent/NOC shall be obtained from the concerned BDO for use of village road for transportation. The said road shall also be maintained by the lessee. ii). In view of likely revision of DSR, the mention of this deposit with final coordinates to be ensured.</p> <p>In view of the above the proposal may be placed in the SEIAA meeting for consideration.</p>	
27.	B2, EC	1(a) Mining of minerals	SIA/OR/ MIN/ 2652 80/20 22	Tahasildar, Nilgiri	Proposal of Tahasildar, Nilgiri for EC of Bholadanga Morrum Quarry Over an area of 11.735 Acre or 4.694 Ha in village-Bholadanga, Tahasil – Nilgiri, District - Balasore	31.03.2022	Under examination of SEIAA after SEA C	Online proposal for EC	<p>This is regarding a new proposal for mining of minor mineral Morrum. The project has submitted at SEIAA under Category 'B2' as the lease area is ≤ 5.0 Ha. As per the EIA Notification, 2006, this project falls in the schedule under Sl.No.1(a) –“mining of mineral” of non-coal mining sector. The project proponent has submitted proposal for EC of Proposal for EC of Proposal for Fresh EC of Bholadanga Morrum Quarry Over an area of 11.735 Acre or 4.694 Hectares in village Bholadanga under Nilgiri-Tahasil of Balasore District of Odishaand the project proponent is Tahasildar, Nilgiri. The following documents have been received Form-1, Form-2, PFR, D.L.C, EMP, checklist, Mining Plan and approval letter, DSR, Village sheet, Cluster certificate, topomap etc. The following deficiencies/omission have been noticed in the above documents.</p> <ul style="list-style-type: none"> • A detail of the quarry is not mentioned in the DSR and DSR is not approved by DEIAA, Balasore. • Dense forest cover is located around the lease area <p>Distance from nearest sanctuary/ESZ-Kuladiha WLS-4.5km Whether the lease area coming in D.L.C. report-No Whether the lease area reflecting in DSR-Yes Method of mining-Semi-mechanized Distance from Nearest Road Bridge-7.75km, village road-0.5km Whether it is part of cluster –No Whether EC obtained earlier-No Production capacity per annum-41440 cum/annum (max.), Geological reserve-251100 cum, Mineable reserve-207200 cum This is a B2 category project. Whether SEAC recommended the proposal –Yes</p>	EC be given. Tahasildar may be asked to furnish DSR of the District, duly incorporating the relevant morrum quarry, and reflecting the mineral reserve.

									In view of the above the proposal may be placed in the SEIAA meeting for consideration.	
28.	B2, EC	1(a) Mining of minerals	SIA/OR/MIN/264780/2022	Tahasildar, Nilgiri	Proposal of Tahasildar, Nilgiri for EC of Jamudiha Stone Quarry Over an area of 1.49 Acre or 0.602 Ha in village- Jamudiha, Tahasil- Nilgiri, District - Balasore	31.03.2022	Under examination of SEIAA after SEA C	Online proposal for EC	<p>This is regarding a new proposal for mining of minor mineral Stone. The project has submitted at SEIAA under Category 'B2' as the lease area is ≤ 5.0 Ha. As per the EIA Notification, 2006, this project falls in the schedule under Sl.No-1(a) –“mining of mineral” of non-coal mining sector. The project proponent has submitted proposal for EC of Proposal for EC of Proposal for Fresh EC of Jamudiha Stone Quarry Over an area of 1.49 Acre or 0.602 Hectares in village Jamudiha under Nilgiri Tahasil of Balasore District of Odisha and the project proponent is Tahasildar, Nilgiri.</p> <p>The following documents have been received Form-1, Form-2, PFR, D.L.C, EMP, checklist, Mining Plan and approval letter, DSR, Village sheet, Cluster certificate, topomap etc.</p> <p>The following deficiencies/omission have been noticed in the above documents.</p> <ul style="list-style-type: none"> A detail of the quarry is not mentioned in the DSR and DSR is not approved by DEIAA, Balasore. <p>Distance from nearest sanctuary/ESZ-Kuladiha WLS-3.5km Whether the lease area coming in D.L.C. report-No Whether the lease area reflecting in DSR-Yes Method of mining-Semi-mechanized Distance from Nearest Road Bridge-10.5km, village road-0.7km Whether it is part of cluster –Yes, and total lease area under cluster is 1.072 Ha. submitted cluster EMP Whether EC obtained earlier-No Production capacity per annum-41440 cum/annum (max.), Geological reserve-251100 cum, Mineable reserve-207200 cum This is a B2 category project. Whether SEAC recommended the proposal –Yes</p> <p>In view of the above the proposal may be placed in the SEIAA meeting for consideration.</p>	EC be given. Tahasildar may be asked to furnish DSR of the District, duly incorporating the relevant morrum quarry, and reflecting the mineral reserve.
29.	B2, EC	1(a) Mining of minerals	SIA/OR/MIN/265079/2022	Tahasildar, Khordha	Proposal of Tahasildar, Khordha for EC of Brahmapura Road Metal Quarry over an area of	31.03.2022	Under examination of SEIAA after	Online proposal for EC	<p>This is regarding a new proposal for mining of minor mineral Stone. The project has submitted at SEIAA under Category 'B2' as the lease area is ≤ 5.0 Ha. As per the EIA Notification, 2006, this project falls in the schedule under Sl.No-1(a) –“mining of mineral” of non-coal mining sector. The project proponent has submitted proposal for EC of Proposal for EC of Proposal for Fresh EC of Brahmapura Road Metal Quarry over an area of 5.415 Acres or 2.191 Hectares at village Brahmapura under Khordha Tahasil of Khordha District Odisha and the project proponent is Tahasildar, Khordha.</p>	EC be given with usual conditions applicable to road metal quarry.

					5.415 Acres or 2.191 Ha at village-Brahmapura, Tahasil - Khordha , District-Khordha		SEA C		<p>The following documents have been received Form-1, Form-2, PFR, D.L.C, EMP, checklist, Mining Plan and approval letter, DSR, Village sheet, Cluster certificate, topomap etc.</p> <p>The following deficiencies/omission have been noticed in the above documents.</p> <ul style="list-style-type: none"> • Nil <p>Distance from nearest sanctuary/ESZ-Chandaka WLS-23.0km Whether the lease area coming in D.L.C. report-No Whether the lease area reflecting in DSR-Yes Method of mining-Semi-mechanized Distance from Nearest Road Bridge-1.7km, village road-0.6km Whether it is part of cluster –No Whether EC obtained earlier-No Production capacity per annum-2000 cum/annum (max.), Geological reserve-143598 cum, Mineable reserve-96005 cum This is a B2 category project. Whether SEAC recommended the proposal –Yes</p> <p>In view of the above the proposal may be placed in the SEIAA meeting for consideration.</p>	
30.	B2, EC	1(a) Mining of minerals	SIA/OR/MIN/265050/2022	Tahasil, Bargarh	Proposal of Tahasil, Bargarh for EC of Sayan Zeera River Sand Bed over an area 12.02acres or 4.864Ha in village – Sayan, Tahasil, Bargarh, District-Bargarh	31.03.2022	Under examination of SEIAA after SEA C	Online proposal for EC	<p>This is regarding a new proposal for mining of minor mineral Sand. The project has submitted at SEIAA under Category 'B2' as the lease area is ≤5.0 Ha. As per the EIA Notification, 2006, this project falls in the schedule under Sl.No-1(a) –“mining of mineral” of non-coal mining sector. The project proponent has submitted proposal for EC of Proposal for EC of Proposal for Fresh EC of SayanZeera River Sand Bed over an area 12.02acres or 4.864hectares in Sayan village of Bargarhtahasil in Bargarh district Odisha and the project proponent is Tahasil, Bargarh.</p> <p>The following documents have been received Form-1, Form-2, PFR, EMP, checklist, Mining Plan and approval letter, DSR, Village sheet, Cluster certificate, topomap etc.</p> <p>The following deficiencies/omission have been noticed in the above documents.</p> <ul style="list-style-type: none"> • In the google earth map it appears that in the year 2016 and 2021-22, the quarry was operated with obstructing the natural flow of the river, extracting sand from water channel and with close to the river bridge constructed to supply water to Bargarh Canal. The PP has completely changes the river structure with violating the environmental norms applicable for sand mining. The PP has also mentioned in the checklist that no EC obtained earlier. <p>Distance from nearest sanctuary/ESZ-Debrigarh WLS-15.0km Whether the lease area coming in D.L.C. report-No Whether the lease area reflecting in DSR-Yes</p>	It appears the quarry has been operated extracting sand from water channel obstructing the natural flow of the river. Whether it is authorised and legal may be clarified. Tahasil to clarify whether the quarry operation will affect the canal and embankment situated on one side of quarry.

									<p>Method of mining-Manual River-Zeera, Depth of the river-1.0 meter Distance from Nearest Road Bridge-0.0km, village road-1.7km, Baragarh canal-0.03km Whether it is part of cluster –No Whether EC obtained earlier-Yes, but not submitted EC compliance Production capacity per annum-3000 cum/annum (max.), Geological reserve-43606 cum, Mineable reserve-33861 cum This is a B2 category project. Whether SEAC recommended the proposal –Yes</p> <p>In view of the above the proposal may be placed in the SEIAA meeting for consideration.</p>	
31.	B2, EC	1(a) Mining of minerals	SIA/ OR/ MIN/ 2649 39/20 22	Tahasildar, Bargarh	Proposal of Tahasildar, Bargarh for EC of Turunga Zeera River Sand Bed over an area 12.20 Acres or 4.937 Ha in village – Turunga, Tahasil Bargarh, District- Bargarh	30.03.2022	Under examination of SEIAA after SEA C	Online proposal for EC	<p>This is regarding a new proposal for mining of minor mineral Sand. The project has submitted at SEIAA under Category 'B2' as the lease area is ≤5.0 Ha. As per the EIA Notification, 2006, this project falls in the schedule under Sl.No-1(a) –“mining of mineral” of non-coal mining sector. The project proponent has submitted proposal for EC of Proposal for EC of Proposal for Fresh EC of TURUNGA ZEERA RIVER SAND BED over an area 12.20 acres or 4.937 Ha in Turunga village of Bargarhtahasil in Bargarh district Odisha and the project proponent is Tahasildar, Bargarh. The following documents have been received Form-1, Form-2, PFR, EMP, checklist, Mining Plan and approval letter, DSR, Village sheet, Cluster certificate, topomap etc. The following deficiencies/omission have been noticed in the above documents.</p> <ul style="list-style-type: none"> • Nil Distance from nearest sanctuary/ESZ-Debrigarh WLS-16.0km Whether the lease area coming in D.L.C. report-No Whether the lease area reflecting in DSR-Yes Method of mining- Manual River- Zeera , Depth of the river- 0.5 meter Distance from Nearest Road Bridge-2.7km , village road- 1.6km Whether it is part of cluster –No Whether EC obtained earlier-No Production capacity per annum-2000 cum/annum (max.) , Geological reserve-23085 cum, Mineable reserve-9518 cum This is a B2 category project. Whether SEAC recommended the proposal –Yes <p>In view of the above the proposal may be placed in the SEIAA meeting for consideration.</p>	EC be given with maximum depth of extraction of sand limited to 0.5m, and maximum quantity allowed to be exploited 2000 cum as proposed in the first year. Pending study of the rate of replenishment.

32.	B2, EC	1(a) Mining of minerals	SIA/OR/MIN/2649/11/2022	Tahasildar, Bargarh	Proposal of Tahasildar, Bargarh for EC of Talsrigida Danta River Sand Bed-B over an area 6.30 acres or 2.549 Ha in village- Talsrigida, Tahasil- Bargarh, District- Bargarh	30.03.2022	Under examination of SEIAA after SEA C	Online proposal for EC	<p>This is regarding a new proposal for mining of minor mineral Sand. The project has submitted at SEIAA under Category 'B2' as the lease area is ≤ 5.0 Ha. As per the EIA Notification, 2006, this project falls in the schedule under Sl.No-1(a) –“mining of mineral” of non-coal mining sector. The project proponent has submitted proposal for EC of Proposal for EC of Proposal for Fresh EC of Talsrigida Danta River Sand Bed-B over an area 6.30 acres or 2.549 hactres in Talsrigida village of Bargarhtahasil in Bargarh District Odisha and the project proponent is Tahasildar, Bargarh.</p> <p>The following documents have been received Form-1, Form-2, PFR, EMP, checklist, Mining Plan and approval letter, DSR, Village sheet, Cluster certificate, topomap etc.</p> <p>The following deficiencies/omission have been noticed in the above documents.</p> <ul style="list-style-type: none"> In the google earth map it appears that the operated earlier with obstructing the natural flow of the river but the PP has not submitted earlier EC compliance. <p>Distance from nearest sanctuary/ESZ-Debrigarh WLS-17.2km Whether the lease area coming in D.L.C. report-No Whether the lease area reflecting in DSR-Yes Method of mining-Manual River-Danta, Depth of the river-0.5 meter Distance from Nearest Road Bridge-2.8km, village road-0.3km Whether it is part of cluster –Yes, coming under cluster with total lease area is 4.977 Ha and submitted cluster EMP Whether EC obtained earlier-yes, but not submitted EC compliance Production capacity per annum-1200 cum/annum (max.), Geological reserve-9569 cum, Mineable reserve-6798 cum This is a B2 category project. Whether SEAC recommended the proposal –Yes</p> <p>In view of the above the proposal may be placed in the SEIAA meeting for consideration.</p>	EC be given with maximum depth of extraction of sand limited to 0.5m, and maximum quantity allowed to be exploited 1200 cum, as proposed, in the first year, pending study of the rate of replenishment. Compliance of previous EC conditions to be submitted in one month's time.
33.	B2, EC	1(a) Mining of minerals	SIA/OR/MIN/2647/73/2022	Tahasildar, Bargarh	Proposal of Tahasildar, Bargarh for EC of Talsrigida Danta River Sand Bed-A over an area 6.00 acres or	30.03.2022	Under examination of SEIAA after SEA	Online proposal for EC	<p>This is regarding a new proposal for mining of minor mineral Sand. The project has submitted at SEIAA under Category 'B2' as the lease area is ≤ 5.0 Ha. As per the EIA Notification, 2006, this project falls in the schedule under Sl.No-1(a) –“mining of mineral” of non-coal mining sector. The project proponent has submitted proposal for EC of Proposal for EC of Proposal for Fresh EC of Talsrigida Danta River Sand Bed-A over an area 6.00 acres or 2.428 hactres in Talsrigida village of Bargarhtahasil in Bargarh District Odisha and the project proponent is Tahasildar, Bargarh.</p> <p>The following documents have been received</p>	EC be given with maximum depth of extraction of sand being limited to 0.5m, and maximum quantity allowed to be exploited 1200

					2.428Ha in village-Talsrigida, Tahasil-Bargarh, District- Bargarh		C		<p>Form-1, Form-2, PFR, EMP, checklist, Mining Plan and approval letter, DSR, Village sheet, Cluster certificate, topomap etc.</p> <p>The following deficiencies/omission have been noticed in the above documents.</p> <ul style="list-style-type: none"> In the google earth map it appears that the operated earlier with obstructing the natural flow of the river but the PP has not submitted earlier EC compliance. <p>Distance from nearest sanctuary/ESZ-Debrigarh WLS-17.0km Whether the lease area coming in D.L.C. report-No Whether the lease area reflecting in DSR-Yes Method of mining-Manual River-Danta, Depth of the river-0.5 meter Distance from Nearest Road Bridge-3.0km, village road-0.3km Whether it is part of cluster –Yes, coming under cluster with total lease area is 4.977 Ha and submitted cluster EMP Whether EC obtained earlier-Yes, but not submitted EC compliance Production capacity per annum-1200 cum/annum (max.), Geological reserve-10062 cum, Mineable reserve-5954 cum This is a B2 category project. Whether SEAC recommended the proposal –Yes</p> <p>In view of the above the proposal may be placed in the SEIAA meeting for consideration.</p>	cum, as proposed, in the first year, pending study of the rate of replenishment. Compliance of previous EC conditions to be submitted in one month's time.
34.	B2, EC	1(a) Mining of minerals	SIA/OR/MIN/2644/28/2022	Tahasil, Bolgarh	Proposal for Fresh EC of Gobardhanpur Boulder Quarry over an area of 1.00 Acres or 0.404 Ha at village Gobardhanpur under Bolagarh Tahasil of Khordha District Odisha (Applied under	29.03.2022	Under examination of SEIAA after SEA C	Online proposal for EC	<p>This is regarding a new proposal for mining of minor mineral Stone. The project has submitted at SEIAA under Category 'B2' as the lease area is ≤5.0 Ha. As per the EIA Notification, 2006, this project falls in the schedule under Sl.No-1(a) –“mining of mineral” of non-coal mining sector. The project proponent has submitted proposal for EC of Proposal for EC of Proposal for Fresh EC of Gobardhanpur Boulder Quarry over an area of 1.00 Acres or 0.404 Ha at village Gobardhanpur under BolagarhTahasil of Khordha District Odisha (Applied under Cluster Approach having Total Cluster Area: 1.414Ha / 3.50 Acres)and the project proponent is Tahasildar, Sonepur.</p> <p>The following documents have been received Form-1, Form-2, PFR, D.L.C, EMP, checklist, Mining Plan and approval letter, DSR, Village sheet, Cluster certificate, topomap etc.</p> <p>The following deficiencies/omission have been noticed in the above documents.</p> <ul style="list-style-type: none"> Nil <p>Distance from nearest sanctuary/ESZ-Nalabana WLS-59.0km Whether the lease area coming in D.L.C. report-No Whether the lease area reflecting in DSR-Yes Method of mining-Semi-mechanized</p>	EC be given with usual conditions applicable to stone quarry.

					Cluster Approach having Total Cluster Area: 1.414Ha / 3.50 Acres)				<p>Distance from Nearest Road Bridge-5.3km, village road-0.5km Whether it is part of cluster –Yes, total lease area under cluster is 1.414 Ha and submitted cluster EMP Whether EC obtained earlier-No Production capacity per annum-2000 cum/annum (max.), Geological reserve-28282 cum, Mineable reserve-13815 cum This is a B2 category project. Whether SEAC recommended the proposal –Yes</p> <p>In view of the above the proposal may be placed in the SEIAA meeting for consideration.</p>	
35.	B2, EC	1(a) Mining of minerals	SIA/OR/MIN/2414/99/2021	Tahasildar, Kaniha	Proposal for EC of Baiarani River Sand Bed, Kanapur over an area of 11.25 Acres 4.552 hect. In Village-Kanapur under Kanika Tahasil of Kendrapara district, Odisha	29.03.2022	Under examination of SEIAA after SEA C	Online proposal for EC	<p>This is regarding a new proposal for mining of minor mineral Sand. The project has submitted at SEIAA under Category 'B2' as the lease area is ≤ 5.0 Ha. As per the EIA Notification, 2006, this project falls in the schedule under Sl.No-1(a) –“mining of mineral” of non-coal mining sector. The project proponent has submitted proposal for EC of Proposal for EC of Proposal for Fresh EC of Baiarani River Sand SairatKanapurover an area of 11.25 Acres or 4.552 Hectares in village Kanapur under Kaniakatahasil of Kendrapara district and the project proponent is Tahasildar, Kanika. The following documents have been received Form-1, Form-2, PFR, EMP, checklist, Mining Plan and approval letter, DSR, Village sheet, Cluster certificate, topomap etc. The following deficiencies/omission have been noticed in the above documents.</p> <ul style="list-style-type: none"> • Nil <p>Distance from nearest sanctuary/ESZ-Bhitarkanika WLS-20.0km Whether the lease area coming in D.L.C. report-No Whether the lease area reflecting in DSR-Yes Method of mining-Manual River-Baitarani, Depth of the river-1.0 meter Distance from Nearest Road Bridge-3.3km, village road-2.0km Whether it is part of cluster –No Whether EC obtained earlier-Yes, submitted EC compliance report Production capacity per annum-2250 cum/annum (max.), Geological reserve-19480 cum, Mineable reserve-8472 cum This is a B2 category project. Whether SEAC recommended the proposal –Yes</p> <p>In view of the above the proposal may be placed in the SEIAA meeting for consideration.</p>	EC be given with maximum depth of extraction of sand limited to 0.5m, and maximum quantity allowed to be exploited 2250 cum as proposed in the first year; pending study of the rate of replenishment.

36.	B2, EC	1(a) Mining of minerals	SIA/OR/MIN/2415/07/2021	Tahasil, Kaniha	Proposal for EC of Kharasrota River Sand Bed over an area of 12.00 Acres 4.856 hect. In Village-Charapada under Kanika Tahasil of Kendrapara district, Odisha	29.03.2022	Under examination of SEIAA after SEA C	Online proposal for EC	<p>This is regarding a new proposal for mining of minor mineral Sand. The project has submitted at SEIAA under Category 'B2' as the lease area is ≤ 5.0 Ha. As per the EIA Notification, 2006, this project falls in the schedule under Sl.No-1(a) –“mining of mineral” of non-coal mining sector. The project proponent has submitted proposal for EC of Proposal for EC of Proposal for Fresh EC of Kharasrota River Sand SairatCharapada over an area of 12.00 Acres or 4.856 Hectares in village Charapada under Kaniakatahasil of Kendrapara district and the project proponent is Tahasil, Kanika.</p> <p>The following documents have been received Form-1, Form-2, PFR, EMP, checklist, Mining Plan and approval letter, DSR, Village sheet, Cluster certificate, topomap etc.</p> <p>The following deficiencies/omission have been noticed in the above documents.</p> <ul style="list-style-type: none"> • Nil <p>Distance from nearest sanctuary/ESZ-Bhitarkanika WLS-36.0km Whether the lease area coming in D.L.C. report-No Whether the lease area reflecting in DSR-Yes Method of mining-Manual River-Kharasrota, Depth of the river-1.0 meter Distance from Nearest Road Bridge-0.7km, village road-0.52km Whether it is part of cluster –No Whether EC obtained earlier-Yes, submitted EC compliance report Production capacity per annum-1680 cum/annum (max.), Geological reserve-15860 cum, Mineable reserve-7218 cum This is a B2 category project. Whether SEAC recommended the proposal –Yes</p> <p>In view of the above the proposal may be placed in the SEIAA meeting for consideration.</p>	EC be given with maximum depth of extraction of sand limited to 0.5m, and maximum quantity allowed to be exploited 1680 cum as proposed in the first year; pending study of the rate of replenishment.
37.	B2, EC	1(a) Mining of minerals	SIA/OR/MIN/2577/36/2022	Tahasil, Sonapur	Proposal for grant of Environmental Clearance of Baladi (J) Stone Quarry over an area of 2.145 Acres or 0.868 Hectares in village Baladi (J)	21.03.2022	Under examination of SEIAA after SEA C	Online proposal for EC	<p>This is regarding a new proposal for mining of minor mineral Stone. The project has submitted at SEIAA under Category 'B2' as the lease area is ≤ 5.0 Ha. As per the EIA Notification, 2006, this project falls in the schedule under Sl.No-1(a) –“mining of mineral” of non-coal mining sector. The project proponent has submitted proposal for EC of Proposal for EC of Proposal for Fresh EC of Baladi (J) Stone Quarry over an area of 2.145 Acres or 0.868 Hectares in village Baladi (J) under Sonepurtahasil of Subarnapur district and the project proponent is Tahasil, Sonapur.</p> <p>The following documents have been received Form-1, Form-2, PFR, D.L.C, EMP, checklist, Mining Plan and approval letter, DSR, Village sheet, Cluster certificate, topomap etc.</p> <p>The following deficiencies/omission have been noticed in the above documents.</p>	EC be given with usual conditions applicable to stone quarry. It appears there are many big trees in the proposed lease area. These trees are to be relocated before starting quarry operation.

					under Sonepur tahasil of Subarnapur district.				<ul style="list-style-type: none"> In the google earth map it appears so many big trees are present in the proposed lease area. Distance from nearest sanctuary/ESZ-Debrigarh WLS-76.0km Whether the lease area coming in D.L.C. report-No Whether the lease area reflecting in DSR-Yes Method of mining- Semi-mechanized Distance from Nearest Road Bridge-5.0km, village road-0.5km Whether it is part of cluster –No Whether EC obtained earlier-No Production capacity per annum-5000 cum/annum (max.), Geological reserve-125422 cum, Mineable reserve-51591 cum This is a B2 category project. Whether SEAC recommended the proposal –Yes In view of the above the proposal may be placed in the SEIAA meeting for consideration.	
38.	B2, EC	1(a) Mining of minerals	SIA/OR/MIN/72996/2020	M/s Premex	Proposal of M/s Premex for EC of Tentupada Sand Quarry with proposed excavation of 5250m ³ /year of sand of M/s PREMEX having an area of 5.666 Ha. Located at Khata No. 324, Plot No. 1603, 1665 & 1666, Village: Tentupada, Tahasil: Digapahandi, District:	31.03.2022	Under examination of SEIAA after SEA C	Online proposal for EC	This is regarding a new proposal for mining of minor mineral Sand . The project has submitted at SEIAA under Category ' B1 ' as the lease area is ≥ 5.0 Ha. As per the EIA Notification, 2006, this project falls in the schedule under SI.No-1(a) –“mining of mineral” of non-coal mining sector. The project proponent has submitted proposal for EC of Proposal for EC of Proposal for Fresh EC of Tentupada Sand Quarry with proposed excavation of 5250m ³ /year of sand of M/s PREMEX having an area of 5.666 Ha. Located at Khata No. 324, Plot No. 1603, 1665 & 1666, Village: Tentupada, Tahasil: Digapahandi, District: Ganjam, Odisha and the project proponent is Sri Pravat Ranjan Mishra . The following documents have been received Form-2, PFR, EIA and EMP, checklist, Mining Plan and approval letter, DSR, Village sheet, Cluster certificate, topomap etc. The following deficiencies/omission have been noticed in the above documents. <ul style="list-style-type: none"> The mining Plan was prepared for the period 2018-19 to 2022-23 that may be modified as present sand deposit and conditions of the river bed. Replenishment study of sand was not done in this case as it was not a condition given by SEIAA during issued of ToR. Distance from nearest sanctuary/ESZ-Lakahri Valley WLS-114.0km Whether the lease area coming in D.L.C. report-No Whether the lease area reflecting in DSR-Yes Method of mining- ManualTentupada River- Budha , Depth of the river- 2.0 meter Distance from Nearest Road Bridge-10.0km, village road-2.0km Whether it is part of cluster –No Whether EC obtained earlier-No	EC be given with maximum depth of extraction of sand limited to 1.0m, and maximum quantity allowed to be exploited 5250 cum as proposed in the first year; pending study of the rate of replenishment.

					Ganjam (ToR issued-8999/SEIAA dated 18.09.2020)- Final EIA/EMP submitted				<p>Production capacity per annum-5250 cum/annum (max.), Geological reserve-113320 cum, Mineable reserve-92506 cum</p> <p>This is a B2 category project.</p> <p>Whether SEAC recommended the proposal –Yes</p> <p>Other points</p> <ol style="list-style-type: none"> 1. For this project ToR has been issued by SEIAA, Odisha vide letter no. 8999/SEIAA dated 18.09.2020 for EIA studies. 2. Public hearing was conducted on 21.12.2021 at Dhanarasi, Ganjam and 36 persons were present in the PH and the following point raised in the PH as follows: <ol style="list-style-type: none"> a. Construction of protection wall/stone patching/guard wall along riverbank b. The lessee shall not deploy heavy vehicles for transportation of sand through village road as there is a chance of damage the village road through transportation of heavy vehicles. c. The Govt. may regulate the price of sand so that it can available to the local people for construction of Anganwadi Kendra/Houses at cheaper price. d. The Sand mining should not be allowed from Dhoba Sahi Masani of Tenuapada village to Sagadia Sahi as due to the sand extraction the nearby lift irrigation points will be affected. <p>In view of the above the proposal may be placed in the SEIAA meeting for consideration.</p>	
40.	B2, Trans_EC	1(a) Non Coal Mining	SIA/OR/MIN/271669/2022	Janaki Devi Mishra	Proposal for Transfer of EC for Bhimpur Sand Bed over an area of 10.425 acres or 4.219 ha. at village Bhimpur, Tahasil- Purushottampur, District Ganjam from Tahasildar, Purushottam	07.05.2022	Accepted By SS(S EIAA)	The proposal was placed in the 81 st meeting of SEIAA and was decided that as follows: "The EC earlier given is revoked	This is regarding a transfer of EC proposal for mining of minor mineral Sand. The project has submitted at SEIAA under Category 'B2' as the lease area is ≤ 5 Ha. As per the EIA Notification, 2006, this project falls in the schedule under Sl.No.1(a) "Mining of Mineral" of non-coal mining sector. The project proponent has submitted proposal for transfer of EC of from Tahasildar, Purushottampur to Janaki Devi Mishra (Successful Bidder). The following documents have been received Form-7, earlier EC copy, covering letter and scrutiny fees. The Tahasildar, Purushottampur has submitted the cluster certificate for Kanaka Sand Quarry that Bhimpur Sand Bed and Kanaka Sand Quarry are coming under cluster and the distance between them is 400 meters. Earlier the Tahasildar, Purushottampur had submitted the cluster certificate for Bhimpur sand bed that there are no mines located within 500 meters and the proposal was treated as	This is an old decided case, and settled cases need not be reopened. The transfer applied for may be agreed to, on condition that all stipulations and liabilities of EC shall accrue to the transferee, who has to be duly registered in the

					pur to Janaki Devi Mishra (Successful Bidder).			pending proper clarification on whether the lease area is part of a cluster".	category B2 and EC was granted by SEIAA vide EC Identification no. EC22B001OR143015 dated 07.05.2022 in favour of Tahasildar, Purushottampur and now the successful bidders (Lessee) has submitted the proposal for Transfer of EC in his name. Now the SEIAA may consider the cluster certificate which is contradictory to each proposal and cluster certificate shows that both the mines will come under Category B1 project and the area under cluster is more than 5ha. The proposal was placed in the 81 st meeting of SEIAA and was decided that as follows: "The EC earlier given is revoked pending proper clarification on whether the lease area is part of a cluster". The Tahasildar vide his letter dated 13.06.2022 has submitted that the Bhimpur Sand Bed is only 84 meters from Kanaka Sand Bed. But the Tahasildar has submitted to take the Bhimpur Sand Bed as an individual lease as Kanaka sand Bed was situated at 1.81 km as per the old mining plan of Kanaka Sand Bed during the apply of EC of Bhimpur Sand Bed. The Authority may take a decision of the above submission whether cluster approach shall be applied to both the instant case i.e Bhimpur and Kanaka Sand Bed.	PARIVESH portal.
41.	B2, TRASNESC	1(a) Mining of minerals	SIA/OR/MIN/263141/2022	Gaurang Jalan	Proposal for production of Lime Stone 0.0115 MTPA Dolomite 0.03826 MTPA crushing (200 TPA) at village Dharaura Lanjiberna in the district of Sundargarh of	28.03.2022	Accepted By SS (SEIAA)	The proposal was placed in the 76 th meeting of SEIAA and was decided that as follows:	This is regarding a transfer of EC proposal for mining of mineral. The project has submitted at SEIAA under Category 'B1'. As per the EIA Notification, 2006, this project falls in the schedule under SI.No.1(a) "Mining of Mineral" of non-coal mining sector. The project proponent has submitted proposal for transfer of EC of production of lime stone 0.0115 MTPA Dolomite 0.03826 MTPA crushing (200 TPA) at village Dharaura Lanjiberna in the district of Sundargarh of M/s JDL Dharaura Mines- Proposal for substitution of the name of legal heir of deceased lessee R.A. Jalan in respect of JDL MINES held by R.A. Jalan to Gaurang Jalan.	Legal heir certificate has been duly uploaded in the PARIVESH portal. The transfer of EC applied for may be allowed.

					M/s JDL Dharaura Mines- Proposal for substitution of the name of legal heir of deceased lessee R.A. Jalan in respect of JDL Mines held by R.A. Jalan to Gaurang Jalan			"Legal heir certificate from Tahasildar concerned may be furnished".	<p>The following documents have been received Form-7, earlier EC copy, covering letter.</p> <p>The following deficiencies/omission have been noticed in the above documents.</p> <p>Nil</p> <p>This is a B1 category project.</p> <p>The proposal was placed in the 76th meeting of SEIAA and was decided that as follows: "Legal heir certificate from Tahasildar concerned may be furnished".</p> <p>Now the PP has submitted their Legal Heir Certificate for consideration of transfer of EC.</p>	
42.	B2, Trans_EC	1(a) Non Coal Mining	SIA/OR/MIN/2762/24/2022	Naimish Panigrahi	Proposal for transfer of EC for Ampalli Sand Quarry over an area of 7.10 Acres or 2.873 Hectares in village Ampalli under Saintala tahasil of Balangir district from Tahasildar, Saintala to Naimish Panigrahi (Successful Bidder).	02.06.2022	Accepted By SS(S EIAA)	Online proposal for Transfer of EC.	<p>This is regarding a transfer of EC proposal for mining of minor mineral Sand. The project has submitted at SEIAA under Category 'B2' as the lease area is \leq 5 Ha. As per the EIA Notification, 2006, this project falls in the schedule under Sl.No.1(a) "Mining of Mineral" of non-coal mining sector. The project proponent has submitted proposal for transfer of EC of Ampalli Sand Quarry over an area of 7.10 Acres or 2.873 Hectares in village Ampalli under Saintala tahasil of Balangir district from Tahasildar, Saintala to Naimish Panigrahi (Successful Bidder).</p> <p>The following documents have been received Form-7, earlier EC copy, covering letter and scrutiny fees.</p> <p>The following deficiencies/omission have been noticed in the above documents.</p> <p>Nil</p> <p>This is a B2 category project.</p> <p>In view of the above the proposal is placed in the SEIAA meeting for consideration for transfer of EC.</p>	The transfer of EC applied for may be allowed.
43.	B2, Trans_EC	1(a) Non Coal Mining	SIA/OR/MIN/2762/04/2022	Umakanti Behera	Proposal for transfer of EC for Tikrapada Sand Quarry over an area	02.06.2022	Accepted By SS(S EIAA)	Online proposal for Transfer of EC.	<p>This is regarding a transfer of EC proposal for mining of minor mineral Sand. The project has submitted at SEIAA under Category 'B2' as the lease area is \leq 5 Ha. As per the EIA Notification, 2006, this project falls in the schedule under Sl.No.1(a) "Mining of Mineral" of non-coal mining sector. The project proponent has submitted proposal for transfer of EC of</p>	The transfer of EC applied for may be allowed.

					of 12.00 Acres or 4.85 Hectares in village Tikrapada under Saintala tahasil of Balangir district from Tahasildar, Saintala to Umakanti Behera (Successful Bidder).				Tikrapada Sand Quarry over an area of 12.00 Acres or 4.85 Hectares in village Tikrapada under Saintala tahasil of Balangir district from Tahasildar, Saintala to Umakanti Behera (Successful Bidder). The following documents have been received Form-7, earlier EC copy, covering letter and scrutiny fees. The following deficiencies/omission have been noticed in the above documents. Nil This is a B2 category project. In view of the above the proposal is placed in the SEIAA meeting for consideration for transfer of EC.	
44.	B2, Trans_EC	1(a) Non Coal Mining	SIA/OR/MIN/276240/2022	Ajit Jain	Proposal for transfer of EC for Dangarpada Stone Quarry over an area of 3.51 Acres or 1.420 Hectares in village Dangarpada under Saintala tahasil of Balangir district from Tahasildar, Saintala to Ajit Jain (Successful Bidder).	03.06.2022	Accepted By SS(S EIAA)	Online proposal for Transfer of EC.	This is regarding a transfer of EC proposal for mining of minor mineral Sand. The project has submitted at SEIAA under Category 'B2' as the lease area is ≤ 5 Ha. As per the EIA Notification, 2006, this project falls in the schedule under Sl.No.1(a) "Mining of Mineral" of non-coal mining sector. The project proponent has submitted proposal for transfer of EC of Dangarpada Stone Quarry over an area of 3.51 Acres or 1.420 Hectares in village Dangarpada under Saintala tahasil of Balangir district from Tahasildar, Saintala to Ajit Jain (Successful Bidder). The following documents have been received Form-7, earlier EC copy, covering letter and scrutiny fees. The following deficiencies/omission have been noticed in the above documents. Nil This is a B2 category project. In view of the above the proposal is placed in the SEIAA meeting for consideration for transfer of EC.	The transfer of EC applied for may be allowed.
45.	B2, Trans_EC	1(a) Non Coal Mining	SIA/OR/MIN/276317/20	Debas Behera	Proposal for transfer of EC for Bileisarda Sand Quarry over an area of 12.00 Acres	03.06.2022	Accepted By SS(S EIAA)	Online proposal for Transfer of EC.	This is regarding a transfer of EC proposal for mining of minor mineral Sand. The project has submitted at SEIAA under Category 'B2' as the lease area is ≤ 5 Ha. As per the EIA Notification, 2006, this project falls in the schedule under Sl.No.1(a) "Mining of Mineral" of non-coal mining sector. The	The transfer of EC applied for may be allowed.

			22		or 4.856 Hectares in village Bileisarda under Puintala tahasil of Balangir district from Tahasildar, Puintala to Debasis Behera (Successful Bidder).)		project proponent has submitted proposal for transfer of EC of Bileisarda Sand Quarry over an area of 12.00 Acres or 4.856 Hectares in village Bileisarda under Puintala tahasil of Balangir district from Tahasildar, Puintala to Debasis Behera (Successful Bidder). The following documents have been received Form-7, earlier EC copy, covering letter and scrutiny fees. The following deficiencies/omission have been noticed in the above documents. Nil This is a B2 category project. In view of the above the proposal is placed in the SEIAA meeting for consideration for transfer of EC.	
46.	B2, Trans_EC	1(a) Non Coal Mining	SIA/OR/MIN/2764 04/20 22	Motilal Nayak	Proposal for transfer of EC of Lapada Sand Quarry over an area of 5.80 Ac or 2.347 Ha at village- Lapada, Tahasil- Bamra, Dist.- Sambalpur (Odisha) from Tahasildar Bamra to Successful bidder Sri. Motilal Nayak.	03.06.2022	Accepted By SS(S EIAA)	Online proposal for Transfer of EC.	This is regarding a transfer of EC proposal for mining of minor mineral Sand. The project has submitted at SEIAA under Category 'B2' as the lease area is \leq 5 Ha. As per the EIA Notification, 2006, this project falls in the schedule under Sl.No.1(a) "Mining of Mineral" of non-coal mining sector. The project proponent has submitted proposal for transfer of EC of Lapada Sand Quarry over an area of 5.80 Ac or 2.347 Ha at village- Lapada, Tahasil- Bamra, Dist.-Sambalpur (Odisha) from Tahasildar Bamra to Successful bidder Sri. Motilal Nayak. The following documents have been received Form-7, earlier EC copy, covering letter and scrutiny fees. The following deficiencies/omission have been noticed in the above documents. Nil This is a B2 category project. In view of the above the proposal is placed in the SEIAA meeting for consideration for transfer of EC.	The transfer of EC applied for may be allowed.
47.	B2, Trans_EC	1(a) Non Coal Mining	SIA/OR/MIN/2764 15/20 22	Manoj Bhoi	Proposal for transfer EC of Ghess Stone Quarry over an area 1.06ac or 0.428ha in village Ghess of tahasil Sohela in Bargarh	03.06.2022	Accepted By SS(S EIAA)	Online proposal for Transfer of EC.	This is regarding a transfer of EC proposal for mining of minor mineral Sand. The project has submitted at SEIAA under Category 'B2' as the lease area is \leq 5 Ha. As per the EIA Notification, 2006, this project falls in the schedule under Sl.No.1(a) "Mining of Mineral" of non-coal mining sector. The project proponent has submitted proposal for transfer of EC of Ghess Stone Quarry over an area 1.06ac or 0.428ha in village Ghess of tahasil Sohela in Bargarh district from Tahasildar, Sohela to Manoj Bhoi (Successful Bidder). The following documents have been received	The transfer of EC applied for may be allowed.

					district from Tahasildar, Sohela to Manoj Bhoi (Successful Bidder).				Form-7, earlier EC copy, covering letter and scrutiny fees. The following deficiencies/omission have been noticed in the above documents. Nil This is a B2 category project. In view of the above the proposal is placed in the SEIAA meeting for consideration for transfer of EC.	
48.	B2, Tran s_EC	1(a) Non Coal Mining	SIA/ OR/ MIN/ 2764 22/20 22	Dillip Kumar Sahoo	Proposal for Transfer of EC for Kingola Sand Quarry over an area of 12.00 acres or 4.85 hectares in village Kingola under Bhuban Tahasil in Dhenkanal District, from Tahasildar, Bhuban to Dillip Kumar Sahoo (Successful Bidder).	03.06.2 022	Acce pted By SS(S EIAA)	Online proposal for Transfer of EC.	This is regarding a transfer of EC proposal for mining of minor mineral Sand. The project has submitted at SEIAA under Category 'B2' as the lease area is ≤ 5 Ha. As per the EIA Notification, 2006, this project falls in the schedule under Sl.No.1(a) "Mining of Mineral" of non-coal mining sector. The project proponent has submitted proposal for transfer of EC of Kingola Sand Quarry over an area of 12.00 acres or 4.85 hectares in village Kingola under Bhuban Tahasil in Dhenkanal District, from Tahasildar, Bhuban to Dillip Kumar Sahoo (Successful Bidder). The following documents have been received Form-7, earlier EC copy, covering letter and scrutiny fees. The following deficiencies/omission have been noticed in the above documents. Nil This is a B2 category project. In view of the above the proposal is placed in the SEIAA meeting for consideration for transfer of EC.	The transfer of EC applied for may be allowed.
49.	B2, Tran s_EC	1(a) Non Coal Mining	SIA/ OR/ MIN/ 2764 42/20 22	Md. Nasir Hussain	Proposal for Transfer of EC for Chitraposi Asanbani Sand Quarry over an area of 9.690 acres or 3.9214 hectares of land in village Bhalugoda @ Chitraposi Asanbani, Karanjia Tahasil of Mayurbhanj District from Tahasildar,	04.06.2 022	Acce pted By SS(S EIAA)	Online proposal for Transfer of EC.	This is regarding a transfer of EC proposal for mining of minor mineral Sand. The project has submitted at SEIAA under Category 'B2' as the lease area is ≤ 5 Ha. As per the EIA Notification, 2006, this project falls in the schedule under Sl.No.1(a) "Mining of Mineral" of non-coal mining sector. The project proponent has submitted proposal for transfer of EC of Chitraposi Asanbani Sand Quarry over an area of 9.690 acres or 3.9214 hectares of land in village Bhalugoda @ Chitraposi Asanbani, Karanjia Tahasil of Mayurbhanj District from Tahasildar, Karanjia to Md. Nasir Hussain (Successful Bidder). The following documents have been received Form-7, earlier EC copy, covering letter and scrutiny fees. The following deficiencies/omission have been noticed in the above documents. Nil This is a B2 category project. In view of the above the proposal is placed in the SEIAA meeting for consideration for transfer of EC.	The transfer of EC applied for may be allowed.

					Karanjia to Md. Nasir Hussain (Successful Bidder).					
50.	B2, Trans_EC	1(a) Non Coal Mining	SIA/OR/MIN/276524/2022	Chinmayee Mahanty	Proposal for Transfer of EC for Gahangu Sand Bed Over an area of 4.856 Hect. In Village Gahangu Under Aska Tahasil District Ganjam from Tahasildar, Aska to Chinmayee Mahanty (Successful Bidder).	04.06.2022	Accepted By SS(S EIAA)	Online proposal for Transfer of EC.	This is regarding a transfer of EC proposal for mining of minor mineral Sand. The project has submitted at SEIAA under Category 'B2' as the lease area is ≤ 5 Ha. As per the EIA Notification, 2006, this project falls in the schedule under Sl.No.1(a) "Mining of Mineral" of non-coal mining sector. The project proponent has submitted proposal for transfer of EC of Gahangu Sand Bed Over an area of 4.856 Hect. In Village Gahangu Under Aska Tahasil District Ganjam from Tahasildar, Aska to Chinmayee Mahanty (Successful Bidder). The following documents have been received Form-7, earlier EC copy, covering letter and scrutiny fees. The following deficiencies/omission have been noticed in the above documents. Nil This is a B2 category project. In view of the above the proposal is placed in the SEIAA meeting for consideration for transfer of EC.	The transfer of EC applied for may be allowed.
51.	B2, Trans_EC	1(a) Non Coal Mining	SIA/OR/MIN/276619/2022	Kuna Sahu Telkoi	Proposal for Transfer of EC for Badakumundu Sand Quarry over an area of 7.10 acres or 2.873 hectares of land in village Badakumundu, Telkoi Tahasil of Keonjhar District from Tahasildar, Telkoi to Kuna Sahu Telkoi (Successful Bidder).	04.06.2022	Accepted By SS(S EIAA)	Online proposal for Transfer of EC.	This is regarding a transfer of EC proposal for mining of minor mineral Sand. The project has submitted at SEIAA under Category 'B2' as the lease area is ≤ 5 Ha. As per the EIA Notification, 2006, this project falls in the schedule under Sl.No.1(a) "Mining of Mineral" of non-coal mining sector. The project proponent has submitted proposal for transfer of EC of Badakumundu Sand Quarry over an area of 7.10 acres or 2.873 hectares of land in village Badakumundu, Telkoi Tahasil of Keonjhar District from Tahasildar, Telkoi to Kuna Sahu Telkoi (Successful Bidder). The following documents have been received Form-7, earlier EC copy, covering letter and scrutiny fees. The following deficiencies/omission have been noticed in the above documents. Nil This is a B2 category project. In view of the above the proposal is placed in the SEIAA meeting for consideration for transfer of EC.	The transfer of EC applied for may be allowed.

52.	B2, Trans_EC	1(a) Non Coal Mining	SIA/OR/MIN/276627/2022	Kuna Sahu	Proposal for Transfer of EC for Benamunda Bramhanikans a Sand Quarry over an area of 12.02 acres or 4.864 hectares of land in village Benamunda & Bramhanikans a, Telkoi Tahasil of Keonjhar District from Tahasildar, Telkoi to Kuna Sahu (Successful Bidder).	04.06.2022	Accepted By SS(S EIAA)	Online proposal for Transfer of EC.	This is regarding a transfer of EC proposal for mining of minor mineral Sand. The project has submitted at SEIAA under Category 'B2' as the lease area is ≤ 5 Ha. As per the EIA Notification, 2006, this project falls in the schedule under Sl.No.1(a) "Mining of Mineral" of non-coal mining sector. The project proponent has submitted proposal for transfer of EC of Benamunda Bramhanikansa Sand Quarry over an area of 12.02 acres or 4.864 hectares of land in village Benamunda & Bramhanikansa, Telkoi Tahasil of Keonjhar District from Tahasildar, Telkoi to Kuna Sahu (Successful Bidder). The following documents have been received Form-7, earlier EC copy, covering letter and scrutiny fees. The following deficiencies/omission have been noticed in the above documents. Nil This is a B2 category project. In view of the above the proposal is placed in the SEIAA meeting for consideration for transfer of EC.	The transfer of EC applied for may be allowed.
53.	B2, Trans_EC	1(a) Non Coal Mining	SIA/OR/MIN/276213/2022	Bansidhar Swain	Proposal for Transfer of EC for Madhyasasan Devinadi Sand Quarry over an area of 14.82 acres or 5.99 ha. at village Madhyasasan, Tahasil-Biridi, Dist-Jagatsinghpur from Tahasildar, Biridi to Bansidhar Swain (Successful Bidder).	06.06.2022	Accepted By SS(S EIAA)	Online proposal for Transfer of EC.	This is regarding a transfer of EC proposal for mining of minor mineral Sand. The project has submitted at SEIAA under Category 'B2' as the lease area is ≤ 5 Ha. As per the EIA Notification, 2006, this project falls in the schedule under Sl.No.1(a) "Mining of Mineral" of non-coal mining sector. The project proponent has submitted proposal for transfer of EC of Madhyasasan Devinadi Sand Quarry over an area of 14.82 acres or 5.99 ha. at village Madhyasasan, Tahasil-Biridi, Dist-Jagatsinghpur from Tahasildar, Biridi to Bansidhar Swain (Successful Bidder). The following documents have been received Form-7, earlier EC copy, covering letter and scrutiny fees. The following deficiencies/omission have been noticed in the above documents. Nil This is a B2 category project. In view of the above the proposal is placed in the SEIAA meeting for consideration for transfer of EC.	The transfer of EC applied for may be allowed.


54.	B2, Trans_EC	1(a) Non Coal Mining	SIA/OR/MIN/276974/2022	Bimalendu Meher	Proposal for Transfer of EC for Koudia- B Sand Quarry over an area of 7.57 Acres or 3.063 Hectares in village Koudia under Patnagarh tahasil of Balangir district from Tahasildar, Patnagarh to Bimalendu Meher (Successful Bidder).	07.06.2022	Accepted By SS(S EIAA)	Online proposal for Transfer of EC.	This is regarding a transfer of EC proposal for mining of minor mineral Sand. The project has submitted at SEIAA under Category 'B2' as the lease area is ≤ 5 Ha. As per the EIA Notification, 2006, this project falls in the schedule under Sl.No.1(a) "Mining of Mineral" of non-coal mining sector. The project proponent has submitted proposal for transfer of EC of Koudia- B Sand Quarry over an area of 7.57 Acres or 3.063 Hectares in village Koudia under Patnagarh tahasil of Balangir district from Tahasildar, Patnagarh to Bimalendu Meher (Successful Bidder). The following documents have been received Form-7, earlier EC copy, covering letter and scrutiny fees. The following deficiencies/omission have been noticed in the above documents. Nil This is a B2 category project. In view of the above the proposal is placed in the SEIAA meeting for consideration for transfer of EC.	The transfer of EC applied for may be allowed.
55.	B2, Trans_EC	1(a) Non Coal Mining	SIA/OR/MIN/276728/2022	SRM Global Infra Limited	Proposal for Transfer of EC of Maninathpur Sandsource Over 4.99ha or 12.35ac In Village Maninathpur Under Bhandaripokhari Tahasil of Bhandaripokhari of Bhadrak District from Tahasildar to SRM Global Infra Ltd.	13.06.2022	Accepted By SS (SEIAA)	Online proposal for Transfer of EC.	This is regarding a transfer of EC proposal for mining of minor mineral Sand. The project has submitted at SEIAA under Category 'B2' as the lease area is ≤ 5 Ha. As per the EIA Notification, 2006, this project falls in the schedule under Sl.No.1(a) "Mining of Mineral" of non-coal mining sector. The project proponent has submitted proposal for transfer of EC of Maninathpur Sandsource Over 4.99ha or 12.35ac In Village Maninathpur Under Bhandaripokhari Tahasil of Bhandaripokhari of Bhadrak District from Tahasildar, Bhandaripokhari to SRM Global Infra Ltd. (Successful Bidder). The following documents have been received Form-7, earlier EC copy, covering letter and scrutiny fees. The following deficiencies/omission have been noticed in the above documents. Nil This is a B2 category project. In view of the above the proposal is placed in the SEIAA meeting for consideration for transfer of EC.	The transfer of EC applied for may be allowed.
56.	B2, Trans_EC	1(a) Non Coal Mining	SIA/OR/MIN/277004/2022	Jyoti Buguta	Proposal for transfer of EC of Dubaguda Stone Quarry over an area of 10.00 Ac or 4.047 Ha at	07.06.2022	Accepted By SS(S EIAA)	Online proposal for Transfer of EC.	This is regarding a transfer of EC proposal for mining of minor mineral Sand. The project has submitted at SEIAA under Category 'B2' as the lease area is ≤ 5 Ha. As per the EIA Notification, 2006, this project falls in the schedule under Sl.No.1(a) "Mining of Mineral" of non-coal mining sector. The project proponent has submitted proposal for transfer of EC of Dubaguda, Tahasil-Bissamcuttack, Dist.-Rayagada from Tahasildar Bissamcuttack to Successful bidder Smt. Buguta Jyoti, W/o-	The transfer of EC applied for may be allowed.


					village- Dubaguda, Tahasil- Bissamcuttack , Dist.- Rayagada ffrom Tahasildar, Bissamcuttack to Jyoti Buguta (Successful Bidder).				late B. Gandhi Gopal Chetty, At/po-Sikarpai, Dist- Rayagada from Tahasildar, Bissamcuttack to Jyoti Buguta (Successful Bidder). The following documents have been received Form-7, earlier EC copy, covering letter and scrutiny fees. The following deficiencies/omission have been noticed in the above documents. Nil This is a B2 category project. In view of the above the proposal is placed in the SEIAA meeting for consideration for transfer of EC.	
57.	B2, MOD IEC	1(a) Mining of minerals	SIA/ OR/ MIN/ 2743 15/20 22	M/S PREM EX	Odhana Sand Quarry, over an area 2.0235 Ha. Khata No: 132, Plot No: 2392/2506 At: Odhana, Tahasil: Bhuban, Dist: Dhenkanal	23.05.2 022	Under exami nation of SEIA A	Online proposal for Corrigendu m in EC	This is regarding a old proposal for Corrigendum of EC. The project has submitted at SEIAA under Category ' B1 ' as the lease area is ≥ 5.0 Ha. As per the EIA Notification, 2006, this project falls in the schedule under SI.No-1(a) –“mining of mineral” of non-coal mining sector. The project proponent has submitted proposal for Corrigendum of EC of Odhana Sand Quarry over an lease area 5.00 acres/2.023 Ha at village-Odhana, Tahasil-Bhuban, Dist-Dhenkanal, of Sri Prabha Ranjan Mishra, Partner, M/s. Premex. The following documents have been received Earlier EC copy, covering letter, The following deficiencies/omission have been noticed in the above documents. • Nil Other Points 1. This is regarding proposal for change of address to M/s. Premex, Authorized person Sri Prava Ranjan Mishra, Partner of Premex, Plot No. 652, Ekamra villa, IRC Village, Nayapalli, Bhubaneswar instead of Sri Prabha Ranjan Mishra, Partner, M/s. Premex, Plot No. 652, Ekamra villa, Nayapalli, Bhubaneswar. 2. All other conditions will be remain same as per earlier EC issued by SEIAA Odisha vide letter no.838/SEIAA dated 09.03.2021. In view of the above the proposal may be placed in the SEIAA meeting for consideration.	The corrigendum in EC as applied for may be allowed.
58.	B2, Tran s_EC	1(a) Non Coal Mining	SIA/ OR/ MIN/ 2770 48/20 22	Bimale ndu Meher	Proposal for transfer of EC for Pudapadar Sand Quarry over an area of 12.00 Acres or 4.856 Hectares in village Pudapadar under Patnagarh	07.06.2 022	Acce pted By SS(S EIAA)	Online proposal for Transfer of EC.	This is regarding a transfer of EC proposal for mining of minor mineral Sand. The project has submitted at SEIAA under Category ' B2 ' as the lease area is ≤ 5 Ha. As per the EIA Notification, 2006, this project falls in the schedule under SI.No.1(a) “Mining of Mineral” of non-coal mining sector. The project proponent has submitted proposal for transfer of EC of Pudapadar Sand Quarry over an area of 12.00 Acres or 4.856 Hectares in village Pudapadar under Patnagarh tahasil of Balangir district from Tahasildar, Patnagarh to Bimalendu Meher (Successful Bidder). The following documents have been received	The transfer of EC applied for may be allowed.

					tahasil of Balangir district from Tahasildar, Patnagarh to Bimalendu Meher (Successful Bidder).				documents. Nil This is a B2 category project. In view of the above the proposal is placed in the SEIAA meeting for consideration for transfer of EC.	
59.	B2, Trans_EC	1(a) Non Coal Mining	SIA/OR/MIN/271730/2022	Harishankar Biswal	Proposal for transfer of EC of Bhatabahali Stone Quarry over An Area of 1.920 Acres or 0.777 Ha, At Village-Bhatabahali, Tahasil-Rampur, Dist-Subarnapur from Tahasildar, Rampur to Harishankar Biswal (Successful Bidder).	08.05.2022	Accepted By SS (SEIAA)	Online proposal for Transfer of EC.	This is regarding a transfer of EC proposal for mining of minor mineral Sand. The project has submitted at SEIAA under Category 'B2' as the lease area is ≤ 5 Ha. As per the EIA Notification, 2006, this project falls in the schedule under SI.No.1(a) "Mining of Mineral" of non-coal mining sector. The project proponent has submitted proposal for transfer of EC of Bhatabahali Stone Quarry over An Area of 1.920 Acres or 0.777 Ha, At Village-Bhatabahali, Tahasil-Rampur, Dist-Subarnapur from Tahasildar, Rampur to Harishankar Biswal (Successful Bidder). The following documents have been received Form-7, earlier EC copy, covering letter and scrutiny fees. The following deficiencies/omission have been noticed in the above documents. Nil This is a B2 category project. In view of the above the proposal is placed in the SEIAA meeting for consideration for transfer of EC.	The transfer of EC applied for may be allowed.

The Meeting ended with a vote of thanks to the Chairman.


(Sri Susanta Nanda)
Member Secretary, SEIAA


(Dr. S. P. Das)
Member, SEIAA


(Sri S.C. Mohanty)
Chairman, SEIAA