

**PROCEEDINGS OF THE MEETING OF STATE LEVEL EXPERT APPRAISAL  
COMMITTEE, ODISHA HELD ON 03<sup>RD</sup> JUNE, 2020**

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The SEAC met on 03<sup>rd</sup> June, 2020 at 03:00 PM in the Conference Hall of Odisha State Pollution Control Board, Bhubaneswar under the Chairmanship (working) of Dr. D. Swain. The following members were present in the meeting.

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|-----------------------------|---|--------------------|
| 1. Dr. D. Swain             | - | Chairman (Working) |
| 2. Prof. (Dr.) P.K. Mohanty | - | Member             |
| 3. Sri. J. K. Mahapatra     | - | Member             |
| 4. Prof.(Dr.) B.K. Satpathy | - | Member             |
| 5. Er. K.R. Acharya         | - | Member             |
| 6. Dr. K.C.S Panigrahi      | - | Member             |

**(I) CONSIDERATION OF MINOR MINERAL PROPOSALS (15 Nos.):**

The committee verified 15 nos. of minor mineral proposals forwarded by the SEIAA, Odisha on the basis of MoEF&CC, Govt. of India OM no. F. No. L-I 1011/175/2018-IA-II (M), dated 12.12.2018. The case-wise proceedings and observations of the committee are detailed in Table as per Annexure – A. The proposals of following categories are:

Total no. of proposals	Type of proposals	No. of proposal	Decisions of the committee
15	Stone Quarries and others (13)	01	The committee considered the proposals as B2 category and recommended for environmental clearance.
		12	Clarification to be sought from the concerned Tahasildar.
	River Sand (02)	02	Clarification to be sought from the concerned Tahasildar.

**(II) CONSIDERATION OF OLD PROPOSALS (COMPLIANCE RECEIVED):**

**A. PROPOSAL FOR ENVIRONMENT CLEARANCE FOR CONSTRUCTION OF (S+12) MULTI-STORIED RESIDENTIAL APARTMENTS AT RANASINGHPUR (PHASE-II) BHUBANESWAR OF ODISHA STATE HOUSING BOARD WITH TOTAL BUILT UP AREA 1,01,370.40 SQ.M OVER AN AREA OF 11.325 ACRES (EC).**

- (i) Odisha State Housing Board (OSHB) has applied for Environmental Clearance for construction of Multi-Storied Residential Apartments, At-Ranasinghpur (Phase-II) Bhubaneswar of with total built up area 1,01,370.40 Sq.m over an area of 11.325 Acres.
- (ii) OSHB Bhubaneswar has the plans for construction of S+12 Multistoried residential apartment over plot no. 278 (P) and 280 (P) at Ranasinghpur, Phase II, Bhubaneswar. The proposed site is located at Ranasinghpur, Phase II, Bhubaneswar under Bhubaneswar Tehsil. Total Plot area of the project as ascertained by the total station survey is 12.892 acres i.e. 52191.32 Sq.m. Out of the total area, road is 6340.47 sq.m. The net area available for the construction work will be 11.325 acres.



- (iii) The project is located in  
Khata No: 254, Plot No. 11/737, 278(P) & 280  
Latitude: 20°13'30.0N, Longitude-85°47'03.7"E  
Latitude-20°13'37"1N; Longitude-85°46'49.3"E  
Latitude - 20°13'36.5"N Longitude-85°47'9.6"E  
Latitude- 20'13.36.5"N; Longitude: 85°46'49.4"E  
Toposheet No. 73 H/16
- (iv) The project is proposed for construction of 29 blocks (HIG, MIG, LIG & EWS) with 1052 residential apartments and constructed over a total built-up area of 101370.40 Sq.m. There will be community hall, shopping complex and club house constructed for the project.
- (v) Total amount of domestic water requirement during the operational phase of the project will be 650 KLD. Out of the total water requirement 400 KLD is fresh water used for domestic purpose and rest 250 KLD will be required for flushing and met from treated water source. The required quantity of water can be supplied by Bhubaneswar P.H. Division on payment basis by the water supply line of PHED.
- (vi) The rain water harvested from the project area will used for ground water recharge. Total harvestable quantity of rainfall from the project site is 1807.22 cu m
- (vii) Plantation will be done along the road side and along the boundary area to make a green city plan. The green area will be developed over 10333 sqm with 2583 saplings.
- (viii) Electricity requirement for the apartment will be 3.597 MW which will be supplied from the central Electricity supply Utility (CESU), Bhubaneswar, Odisha. There is the proposal of installation of DG Set (2 nos 82.5 kVA, 14 nos 50 kVA) will be used for the power back up source
- (ix) The parking has been provided in stilt floor and open parking. Total cover parking provided will be 17712.26 sq.m and open parking is 8699 sq.m. Total parking area available for the proposed building will be 26411.26 sq.m.
- (x) Approximately 1920 Kg / day waste will be generated of from the group housing complex. The organic waste generated will be used for composting and inorganic waste will be disposed through Bhubaneswar Municipal Corporation.
- (xi) Odisha state housing board obtained structural safety certification from the competent authority regarding the construction of the building
- (xii) Height of the Residential building is 36 m. Fire Fighting System (Integrated wet riser system) to the proposed building is designed based on the recommendations of NBC part IV table 23, 2016.
- (xiii) Energy conservation measures will be adopted by the using maximum use of sun light and minimize the use of electricity
- (xiv) The approximate cost of the project will be ₹ 361.80 crore.
- (xv) The project proponent along with the consultant **M/s Kalyani Laboratories Pvt. Ltd., Plot No.: 78/944, Pahala, Bhubaneswar -752101** made a detailed presentation on the proposal.
- (xvi) The SEAC in its meeting held on Dt. 26.07.2019 decided to take decision on the proposal after receipt of certain information / documents from the proponent followed by a site visit by the Sub-Committee of SEAC. Now the project proponent has furnished the compliance



vide letter no: 430/PH/OSHB dated 06.09.2019 and the SEAC verified the same as follows:

Sl. No.	Information Sought by SEAC	Compliance furnished by the proponent
1.	Status of land as on 25.10.1980 w.r.t. Forest Conservation Act, 1980	The kissam of land is Patita is enclosed in <b>Annexure - I</b>
2.	Detailed land schedule and kissam of land. Status of conversion of land to Gharabari	The land schedule and converted to Gharabari is enclosed in <b>Annexure - II</b>
3.	Details of status of village forest near to the plot	OSHB land is free from forest land.
4.	Detail of stack height of DG set	42 meters from the ground level as <b>Annexure - III</b>
5.	Number of small capacity DG sets should be reduced and replaced by minimum number higher capacity DG sets to reduce noise and air pollution. A detailed proposal to this effect shall be submitted	6 nos. higher capacity DG provided in place of 15 nos. of lower capacity DG and details enclosed in <b>Annexure - III</b>
6.	Details of Fire corridor	Detail plan Fire corridor is attached as <b>Annexure - IV</b>
7.	Leaf litter compost provision shall be kept and manure so generated shall be used in plantation. A detailed proposal to this effect shall be submitted	Provisions are there. Detail plan attached as <b>Annexure - V</b>
8.	Details of Organic Converter shall be submitted	Provisions are there. Detail plan attached as <b>Annexure - V</b>
9.	Status of building plan approval from BDA	It is under process. Copy of the letter from BDA is attached as <b>Annexure - VI</b>
10.	Study of heat transfer in bricks to be carried out and report to be submitted.	The test report the bricks is attached as <b>Annexure - VII</b>

(xvii) The Sub-Committee of SEAC visited the site on 23<sup>rd</sup> Oct 2019. The proponent needs to comply the following within 30 days from the date of issue of clarification letter as per recommendations of the sub-Committee to take decision on grant of Environmental Clearance for the proposal:

1. The proponent stated that the treated waste water will be discharged to the existing sewage line of BMC. In such a situation, they need to submit the following:
  - a) Permission letter from appropriate authority on existing sewage line for discharge of waste water in to their line system and the existing sewage line can hold the additional load of proposed project of OSHB.
  - b) Land acquisition / Land Lease / Land ownership as necessary for the land area to connect between the existing sewage line of BMC and the proposed project of OSHB.
2. The proponent stated that BMC / BDA have CDP (Comprehensive Development Plan) for construction of a road and a pipeline alongside the road to which they will connect to take the load of their runoff and storm water /excess water which will fall



finally to the existing "nalla" available alongside the Railway line. The Committee visited the "Nalla" also. The proponent needs to submit the following in this context:

- a) Ownership of that "Nalla"
- b) In case it belongs to Railways and Railway line expands covering the said "Nalla", their alternative plan for discharge of water. Otherwise permission from Railway in this context.
- c) If the housing project period & the CDP of the Govt. does not synchronize with reference to construction of road and the pipe line alongside it, the alternative plant of OSHB need to be submitted

3. A 3 phase line across the proposed site and few HT line towers were also found. The proponent needs to submit the permission of Transmission authority on shifting of 3 Phase line & the relevant HT Tower as necessary on the event of materialization of this housing project.

(xviii) The SEAC on its meeting held on Dt: 19.11.2019 decided to take decision on the proposal after receipt of certain information / documents from the proponent as sought by the Sub-Committee of SEAC during site visit. Now the project proponent has furnished the compliance vide letter no: 113/PH/OSHB dated 27.02.2020 and the SEAC verified the same as follows:

Sl. No.	Information Sought by SEAC	Compliance furnished by the proponent
1(a).	Permission letter from appropriate authority on existing sewage line for discharge of wastewater in their line system and the existing sewage line can hold the additional load of proposed project of OSHB.	The sewage water will be treated by Sewage Treatment Plant. The treated water will be utilised for flushing system and gardening. The surplus water will be discharged to the nearby existing sewer line of Govt. Permission has been obtained from the Managing Director, WATCO, Bhubaneswar in this regard. (Copy enclosed) <b>Annexure - I &amp; II</b>
1(b).	Land acquisition/land lease/land ownership as necessary for the land area to connect between the existing sewerage line of BMC and the proposed project of OSHB.	The existing sewerage line of WATCO passes along the road by the side of the OSHB land of the proposed project to which the line will be connected. <b>Annexure- III</b>
2(a).	Ownership of the Nalla to which the rain water will be discharged.	The existing nalla is a natural one, which passes through the village land near Ransinghpur (CDP attached) and the storm water of that village area and field flows through it. <b>Annexure- IV</b>
2(b).	In case it belongs to Railways and Railway line expands covering the said nalla, their alternative plan for discharge of water, otherwise permission from railway in this context.	This natural Nalla passes through the village land to the Railway line further. So there is no possibility for obstruction of the said Nalla by Railway. <b>Annexure- IV</b>
2(c).	If the housing project period and the CDP of the Govt. does not synchronize with reference to construction of road and the pipe line alongside it, the alternative	As an alternative proposal, separate large recharge pits (six nos.) are to be constructed inside the project area to accommodate the rain water in case the housing project period and the CDP of the Govt. does not synchronize with



Sl. No.	Information Sought by SEAC	Compliance furnished by the proponent
	plan of OSHB need to be submitted.	reference to construction of road and drain. <b>Annexure- III, V &amp; VI.</b>
2(d)	A three phase line across the proposed site and few H.T. line towers were also found. The proponent needs to submit the permission of transmission authority on shifting of three phase line and the relevant H.T. tower as necessary on the event of materialization of this housing project.	In the proposed project, construction of building has been avoided below the H.T. line. Also Permission has been obtained from CESU for shifting of 11KV line from the project site. <b>Annexure- VII &amp; VIII.</b>

Considering the information / documents furnished by the proponent and presentation made by the consultants **M/s Kalyani Laboratories Pvt. Ltd., Plot No.: 78/944, Pahala, Bhubaneswar - 752101**, the SEAC recommended for grant of Environmental Clearance for the project valid for a period of 7 years with stipulated conditions as per **Annexure –B**.

**B. PROPOSAL FOR ENVIRONMENTAL CLEARANCE FOR BANKIA QUARTZ AND GEMSTONES MINES OVER AN MINING LEASE AREA OF 21.092 HA AT VILLAGE - BANKIA, TAHASIL- BIRAMAHARAJPUR, DIST-SONEPUR, ODISHA OF M/S MANIKESWARI MINERALS (TOR)**

1. The proposal was considered by the committee to determine the "Terms of Reference (ToR)" for undertaking detailed EIA study for the purpose of obtaining environmental clearance in accordance with the provisions of the EIA Notification, 2006 and amendment thereafter.
2. The proposal is for Terms of Reference for Bankia Quartz and Gemstones Mines over an mining lease area of 21.092 Ha at Village - Bankia, Tahasil- Biramaharajpur, Dist-Sonepur, Odisha of M/s Manikeswari Minerals.
3. M/s Manikeswari Minerals, the Lessee of Bankia Quartz and Gemstone deposits is a Proprietorship (private individual) firm having its office at - Bhawanipatna in the district of Kalahandi, Odisha. Sri Rajendra Kumar Agarwal is the proprietor of the Manikeswari Minerals.
4. The said lease is located in survey of India Topo Sheet No. 73 D / 1, bounded by Latitude 20° 56' 45" to 20° 57' 01"N and longitude of 84° 05' 19" to 84° 05' 38"E. KISSAM of Land are Mala, Atta, Patharbari, Unnata Jogana Jogya and Gochar. The ML area is accessible from district head quarter Sonepur by covering a distance of 18 km towards east. The nearest railway station is Charmal at distance 20km from the lease area. Biju Patnaik International Airport is at a distance of approx. 200 km from the project site. Nearest river is Hariharjor River- 4.5 Km. Nearest town is Biramaharajpur 11km and nearest habitation is Bankia 0.7km.
5. Mining Lease was granted by Department of Steel & Mines, Govt of Odisha, vide order No III(E)SM-36/2003-262Dt 7.1.2017 as per Mineral concession rule 2016 for 50 years.
6. Mining plan is prepared under Rule 22 of MCR 1960, by the RQP Sri N J Jena. and (Regn. No. RQP/CAL/236/96/A) and duly approved by Regional Controller of Mines vide letter no. BBS / SNP/Qtz & Gem / MP-255 on dated 29.09.2005.

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7. The mineable reserve for Quartz is 377825 tonnes and 17.5 Kg of Amethyst (Gemstone).
8. Quartz in the ML area is excavated by conventional method of opencast mining on single shift basis. Drilling and blasting is required to be performed for loosening of the rock mass. Mining machines consisting of jackhammer Compressor etc. After blasting breaking will be done manually by conventional manual method using hammer and crowbars. After mining and sizing materials will be stacked manually.
9. During plan period 8286 m<sup>3</sup> of waste will be generated. Considering swell factor as 1.2 the total broken volume will be 9943 m<sup>3</sup>.
10. For dumping these waste materials a proposed dump has been suggested in the ML area covering an area of 1.68 Ha and the proposed dump height will be 1.0 m.
11. A retaining wall around the dump will be constructed to prevent the wash off of dumps. Around the retaining wall a garland drain and settling tank will be provided to prevent the possible transportation of mine dust or fines..
12. The colluvial material after recovery of the gemstone will be utilized for back filling immediately.
13. No. of trees planted in first 5 years is 1175 nos in area 1.720 Ha.
14. The total man power is 44 persons.
15. Water requirement is 8 KLD for both domestic and non-domestic and be source from nearby nalas.
16. The total cost of project is ₹ 40 Lakhs.
17. The consultant **M/s Kalyani Laboratories (Pvt) Ltd. Pahala, Bhubaneswar** along with the proponent has made a detailed presentation before the SEAC.
18. The SEAC in its meeting held on 30.12.2019 decided to take decision on the proposal after the proponent submits following information / documents
19. Now the project proponent has furnished compliances as desired by the committee vide letter dated 26.02.2020 as follows:

Sl. No.	Information Sought by SEAC	Compliance furnished by the proponent	Views of SEAC
1.	Supporting documents regarding land schedule and kissam of land	Copy of land schedule attached <b>Annexure 1</b>	Complied
2.	In the mining lease area Gochar land is included which need to be conserved and equivalent land shall be allotted by the collector. Action taken, if any for conversion of Gochar land is to be submitted.	The Gochar land will be conserved and application will be made to collector for allocation of equivalent land will be made. Undertaking for conservation of Gochar land with due procedure is being attached. <b>Annexure 2</b>	Condition to be stipulated in ToRs that the project proponent shall follow the Govt. procedure for conversion of Gochar land and will submit land conversion document before final presentation.
3.	Certificate from Mining Officer, Bolangir that no mining activity had done in the mining lease.	Certificate attached <b>Annexure 3</b>	Complied




Considering the information / documents furnished by the proponent and presentation made by the consultant **M/s Kalyani Laboratories (Pvt) Ltd. Pahala, Bhubaneswar**, the SEAC prescribed the standard ToRs as per **Annexure –C** for conducting detailed EIA study.

**C. PROPOSAL FOR ENVIRONMENTAL CLEARANCE FOR PROPOSED CONSTRUCTION OF 500 BEDDED TEACHING HOSPITAL BUILDING FOR THE GOVERNMENT MEDICAL COLLEGE AND HOSPITAL, KALAHANDI (KHATA NO - 137) AT BHANGABARI, BHAWANIPATNA, DISTRICT – KALAHANDI WITH TOTAL BUILT UP AREA - 36,834.53 SQM. OF CHIEF DISTRICT MEDICAL & PUBLIC HEALTH OFFICER, SMT. BANALATA DEVI – EC**

1. The proposal is for Environmental Clearance for proposed construction of 500 Bedded Teaching Hospital Building for the Government Medical College and Hospital, Kalahandi (Khata No - 137) at Bhangabari, Bhawanipatna, District – Kalahandi with total Built up area - 36,834.53 sqm. of Chief District Medical & Public Health Officer, Smt. Banalata Devi.
2. The Director Medical Education & Training (DME&T), Govt of Odisha through the Chief District Medical Officer & Public Health Officer (Project Proponent), Kalahandi is establishing this project.
3. A Memorandum of Understanding (MoU) was signed between DME&T, Govt. of Odisha and Vedanta Ltd. for the construction of a 500 bedded Teaching hospital at Bhangabari, Bhawanipatna, Kalahandi District, Odisha. The DME&T will provide 8.173 acres of land for the construction of Hospital building and Vedanta Limited will construct the Hospital as a part of CSR initiative.
4. The project is coming up in Government Land of about 8.173 acres bearing Plot No.s 439, 440, 441, 442, 443, 477, 479, 691, 693, 694, 695, 696, 697, 693/1279, 695/1283, 697/1282, Khata No. 137, Mouza - Bhangabari, Bhawanipatna town, Kalahandi District, Odisha.
5. The Project Site is a part of the Survey of India Toposheet No. 65/M/1. The site falls between Latitude and Longitude - 19°55'46.45"N - 83°8'59.01"E (Center Coordinate) with an average altitude of 244 m above MSL. Nearest Railway line is connecting from Junagarh – Kathajani padar is 0.2 km to the Project Site. The nearest railway station is located at Bhawanipatna RS which is 0.9 km.
6. Bhawanipatna is major town at a distance of 3.0 km. The National Highway (NH-201) connecting Bhawanipatna – Borigumma is located at a distance of about 2.6 km. The State Highway (SH-52) connecting Bhawanipatna – Dharmagarh is located at a distance of about 2.6 km. The State Highway (SH-16) connecting Bhawanipatna – Khariar is located at adjacent to the Project Site. The State Highway (SH- 8) connecting Bhawanipatna – Badchiching is located at a distance of about 2.7 km in SE. The State Highway (SH-44) connecting Bhawanipatna – Gunpur is located at a distance of about 2.8 km.
7. Nearest wild life sanctuaries, national parks, elephant/tiger reserves - Karlapat Wild Life Sanctuary - 4.5 km (Project boundary to wildlife sanctuary boundary) and 15 km by road from Bhawanipatna. Nearest Reserve Forest is Dhangra Dhangri – 3.2 km. Nearest nala is Pipale Nala – 0.1km.
8. Nearest Settlement from the Project Site is Bhangabari 0.5 km from project site.
9. The Project has received Building permission obtained from Office of The Special Planning

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Authority, Bhawanipatna vide letter # IB-11/19/553/BPTSPA dated 17.04.2019.

10. The Project has received Fire Recommendations from the office of the Deputy Fire Officer, Bhawanipatna Circle, Kalahandi vide Memo No. 507 dated 26.06.2019.
11. Total Plot area : 33,074 m<sup>2</sup> ( 3.30 Ha / 8.173 Acres)
12. Ground Coverage Statement is mentioned below:

Description	Land Details		Percentage
	Acres	Sq.m	
Ground Coverage	2.712	10978.183	33.18
Services Area	0.304	1226.294	3.72
Greenbelt/Landscaping	1.960	7932.35	23.98
Roads & Pavements	1.946	7877.045	23.81
Parking Area	1.015	4107.115	12.42
Pedestrian and Footpath area	0.232	935.903	2.84
Security cabin area	0.004	17.040	0.05
<b>Land Area</b>	<b>8.173</b>	<b>33073.93</b>	<b>100</b>

13. Built Up Area Statement is mentioned below:

Sl. No	Floor	Area ( Sq.M)
1	Ground Floor	10693.51
2	First Floor	9163.35
3	Second Floor	9316.45
4	Third Floor	6135.76
5	Terrace Floor	730.66
<b>BUA of Building</b>		<b>36,039.73</b>
6	Services (STP, WTP & UG Sump)	794.80
<b>Total BUA</b>		<b>36,834.53</b>

14. Total Water Requirement will be 472 KLD, which will be sourced from Government of Odisha water supply.
15. **Wastewater Generation:** The project will generate approx. 314KLD of wastewater. The wastewater will be treated in STP of 350 KLD capacity. Treated waste water is 283 KLD which will be reuse for flushing, landscape, filter backwash and HVAC Makeup.
16. **Power Requirement:** 1,561kVA which will be sourced from Central Electricity Supply Utility of Odisha. Standby Power through DG Sets - 1 x 500 KVA and 2x 750 KVA.
17. The total Solid Waste generation from the project is 1767 Kg/day. The organic and inorganic waste will be collected and stored separately. The same will be handed over to Bhawanipatna Municipal Authority for final disposal.
18. The project has a provision to park 256 Cars, 245 Two Wheelers and two Ambulances.
19. The employment potential for this project is 1,500 persons.
20. The proposed Teaching Hospital is expected to be completed in 30 Months at an estimated



Project cost of Rs.120 Crores

21. The Environment consultant **M/s B.S. Envi-Tech Pvt. Ltd., Secunderabad, Telangana** along with the proponent have made a detailed presentation on the proposal.
22. The SEAC in its meeting held on 18.12.2019 decided to take decision on the proposal after the proponent submits following information / documents:
23. Now the project proponent has furnished compliances as desired by the committee vide letter 904, dated 18.02.2020 and received by SEAC on Dt. 12.03.2020 as follows:

Sl. No.	Information Sought by SEAC	Compliance furnished by the proponent
1.	Supporting documents regarding land schedule and kissam of land	The CDMO (Project proponent) has acquired additional land for the project with revised plot area is 8.74 acres. <b>(Exhibit 1a-1d enclosed in support of land documents).</b>
2.	Status of Wildlife Clearance along with copy of the application submitted for Wildlife Clearance (if any) as the project is located within 10 km (default) from the boundary of Karlapat Sanctuary	The CDMO (Project proponent) has submitted letter dated 15.01. 2020 to the Forest Dept., Govt. of Odisha regarding issue of Wildlife Clearance as the project is located within 10 km (default) from the boundary of Karlapat Sanctuary <b>(Exhibit 2)</b>
3.	Detailed ECS calculation for staff and visitors	Percentage of parking lot has been revised from 12% to 28.4%. <b>(Exhibit 3a-3c enclosed).</b>
4.	Transplantation of trees from construction site to green belt area rather than cutting of trees	The CDMO (Project proponent) had noted the suggestion and implement during construction.
5.	Breakup percentage of green belt and landscape with detailed plan and layout	Revised Green belt plan and Layout has been submitted <b>(Exhibit 4)</b>
6.	Since the project is near to NH, dense greenbelt plantation is required with suggestion from DFO/CPCB Plant species list according to agro climatic zones	Green Belt development in the buffer zone between edge of NH and the Hospital Compound wall will be taken up. The No. of Trees and species (Tall Growing) is also provided. Apart from this a thick Green belt of width 4.08 m inside the compound wall (within the premises of the Project) is provided. This will attenuate the Noise and Dust levels due to the movement of Traffic on the NH. <b>(Exhibit - 5)</b>
7.	Proposal to increase the percentage of Solar energy to 5% or more with detailed plan	The utilization of the Solar Energy has been evaluated within the Project and shall achieve 2.3% of total load usage. <b>(Exhibit – 6a&amp;b)</b>
8.	Permission copy from PHED (Municipality water supply)	The permission copy from PHED (Municipality water supply) is attached as <b>Exhibit - 7</b>
9.	Detailed calculation of treated water how it arrived and where it will be discharged	Water Balance for Non-Monsoon periods with detailed calculation of waste water to be generated by floating population has been submitted <b>(Exhibit – 8 a&amp;b)</b>



Sl. No.	Information Sought by SEAC	Compliance furnished by the proponent
10.	Quantity of waste water to be generated by floating population	The total Visitor Population of 1250 people (i.e., 500 beds + 750 OP) has been considered as per the standard requirement for Hospitals. Quantity of waste water to be generated by floating population ( <b>Exhibit – 8a</b> )
11.	Correction of pH of water in the EMP	The pH of Water is corrected as 6.5 - 8.5. ( <b>Exhibit – 9</b> ).
12.	Copy of MoU from vendor for biomedical waste collectors	Copy of MoU with M/s Rabindra Bhoi, Balasore (Outsourcing Service Provider) for Handling of the BioMedical Waste of the existing Government Hospital at Bhawanipatna ( <b>Exhibit – 10</b> ).
13.	Micro-table list for biomedical waste collectors	M/s Rabindra Bhoi, Balasore (Outsourcing Service Provider) is the approved by OSPCB in Bhawanipatna for Handling of the Bio Medical Waste and he is currently handling the Biomedical Waster of District Health Hospital.
14.	Dimensions of sump and embankments use for rain water harvesting methods	Dimensions of sump is 268cum based on the rainfall intensity calculations ( <b>Exhibit – 11</b> ).
15.	Copy of fire NOC	Copy of the latest Fire NOC obtained for the Teaching Hospital Project is attached as <b>Exhibit -12</b>
16.	Parking space is proposed to be provided 12% of the total built-up area, which is less than the prescribed norms. They have to increase the parking space as per the regulation of the statute and accordingly a detailed proposal to be submitted	The provision for Parking have been revised to 28.64% against earlier 12% and details are provided in <b>Exhibit – 13</b> .
17.	Building plan approval status of the local development authority. A copy of the approval letter along with the approved building plan is to be submitted if it has been approved	The Special Planning Authority, Bhawanipatna, Kalahandi District, Govt. of Odisha has approved the building plans submitted for the Hospital project. Copy of the Letter and the approved Building plans are attached as <b>Exhibit - 14a and b</b> . Revision in the parking space and revised layout has been submitted to Authority ( <b>Exhibit1D</b> ).
18.	Detailed water balance along with justification to adopt zero discharge in monsoon and non-monsoon	The Detailed water balance during Monsoon and Non Monsoon periods is given in <b>Exhibit - 8a and 8b</b> . During Monsoon Period any surplus treated waste water which is not utilized will be discharged to the adjoining Pipale Nallah flowing at a distance of 100 m on the southern side of the Project site.
19.	Municipal Solid Waste Management	The Municipal Solid Waste is properly collected, segregated and stored in a designated location within the Hospital Premises as shown in the Plot Plan.



Sl. No.	Information Sought by SEAC	Compliance furnished by the proponent
		The Hospital Authorities will tieup with the Bhawanipatna Municipality for lifting the Garbage and processing the same at their end.
20	Bio-medical waste management proposal	The Bio Medical Waste generation is calculated based on AIIMS New Delhi data. <b>(Exhibit - 15a and 15b)</b> Currently the District Medical Hospital, Kalahandi has got tie-up with M/s Rabindra Bhoi, Balasore (Outsourcing Service Provider) for Handling of the Bio Medical Waste. Similar tie-up is envisaged with OSPCB authorized vendors for handling Biomedical waste generated is proposed.
21	Hazardous waste management	The Hazardous Waste from the proposed Teaching Hospital comprises used Lube Oil, Oil Soaked Cotton waste, Lube oil Filters, Used Containers of Chemicals etc., These would be properly collected, segregated and stored in a dedicated storage area within the Hospital Premises and disposed to OSPCB Authorized Vendors.
22	Details of Environment Management Cell	The Directorate of Public Health, Department of Health and Family Welfare, Government of Odisha has initiated detailed Biomedical Waste Management Guidelines. The Proposed teaching Hospital will comply with those guidelines and ensure proper and safe disposal of Bio Medical Waste. The waste management committee as suggested by the Directorate of Public Health will be constituted in the proposed Teaching Hospital to comply with the Bio Medical Waste Management Rules. The details of the initiatives taken up by the Directorate of Public Health are given in <b>Exhibit - 16.</b>

Considering the information / documents furnished by the proponent and presentation made by the consultants **M/s B.S. Envi-Tech Pvt. Ltd., Secunderabad, Telangana**, the SEAC recommended for grant of Environmental Clearance for the project valid for a period of 7 years with stipulated conditions as per **Annexure –D.**

**D. PROPOSAL FOR ENVIRONMENTAL CLEARANCE OF PROPOSED MULTI STORIED RESIDENTIAL PROJECT AT MOUZA – RAGHUNATHPUR JALI, BHUBANESWAR, DISTRICT – KHORDHA OF KRJ PROJECT LLP & OTHERS WITH TOTAL BUILT-UP AREA 27,636.66 SQM. – EC**

1. The proposal is for Environmental Clearance for KRJ Project LLP & Others for proposed Multi Storied Residential Project at Mouza – Raghunathpur Jali, Bhubaneswar, District – Khordha with total built-up area 27,636.66 m<sup>2</sup>.
2. The project falls under Category 'B', Project or Activity 8 (a) as per schedule of EIA Notification dated 14th Sep, 2006, as amended from time to time.

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3. The total project area is 7405.75 m<sup>2</sup> or 1.83 acres. The coordinates of the area is Latitude - 20°22'47.52"N and Longitude - 85°49'29.14"E. The Project is located at Plot No. 317/2403, 318, 319, 320/2139, 322, 320, 321/2493, 325/1863, 326, 326/1851, Mouza- Raghunathpur Jali, Bhubaneswar, District- Khordha, Odisha. Among main connecting links to the Project site, Nandan- Kanan Road is adjacent to project site. The nearest railway station is Bhubaneswar Railway Station approx. 1.12 km in E direction from the project site and Biju Patnaik International Airport is at a distance of approx. 14.5 km in SSW direction from the project site. Nandankanan Wildlife Sanctuary lies at a distance of Approx. 0.72 km (NW) and Chandaka Dampara Wildlife Sanctuary lies at a distance of Approx. 2.65 km (NW).
4. The Detailed Area Statement of the project is mentioned in the table:

Sl. No.	PARTICULARS	AREA (M <sup>2</sup> )
(a)	Total Plot area	7405.75
(b)	Permissible Ground coverage (@35%)	2592.0125
(c)	Proposed Ground coverage @ 19.5 % of plot area	1447.36
(d)	Permissible F.A.R @ 3	22,217.25
(e)	Proposed F.A.R @ 2.89	21,409.66
	a. Residential F.A.R	20,264.66
	b. Community building	1,145.60
(f)	Proposed Non F.A.R	6,227.00
(g)	a. Basement non F.A.R area (Lobby, Maintenance room, UGT, STP etc.)	5,286.69
	b. Tower's non F.A.R area (Meter room, fire command center, mummy, water tank etc.)	305.11
	c. Others non F.A.R area (Stilt, Guard room, Panel room, Community building etc.)	635.2
(h)	Total Built-up Area	27,636.66
(i)	Maximum Height of the Building (B+G+14)	44.5 m
(j)	Landscape area (22.09 % of total plot area)	1636.54

5. Total power requirement for the proposed project will be 660kVA; Source: CESU which will be sourced from Odisha Power Transmission Corporation Limited. 2 DG sets =500 kVA (2 x 250 kVA) will be installed for backup power.
6. The total water requirement is approx.112 KLD, out of which total domestic water requirement is 107 KLD. The total fresh water requirement is approx. 75 KLD.
7. **Wastewater Generation:** The project will generate approx. 92 KLD of wastewater. The wastewater will be treated in an onsite STP of 110 KLD capacity. 73.5 KLD of treated wastewater will be recycled (32 KLD for flushing, 5 KLD for gardening, 36.5 KLD will be discharged into nearby construction/ plantation purpose/into drain after getting Sewer permission).
8. **Solid waste Generation:** The project will generate approx. 437.5 kg/day of solid waste which will be collected from household units as domestic waste in coloured bins. The local vendors will be hired to provide separate coloured bins for dry recyclable and Bio-Degradable waste. Litter bin will also be provided in open areas like parks etc. Biodegradable waste will be composted in Organic Waste Converter and Non-biodegradable Waste generated will be



disposed through Govt./CPCB approved vendors.

9. Adequate parking (7,105.24 m<sup>2</sup>) provision will be kept for vehicles parking in the project. Besides this, internal road of adequate width within the project will facilitate smooth traffic movement. The total proposed parking for the Multi-storied residential project is 248 ECS (Approx.).
10. Proposed energy saving measures would save about- Led lights, Solar panels. Energy Saving devices will be implemented. Solar based lightening will be done in common areas, Stair cases, landscape areas, signage, entry gates and boundary walls (5% from total power load) Total Energy saved – 132 kVA which will be 20 %
11. A detailed traffic survey has been conducted following PCUs as per IRC – 106:1990 in the area to evaluate the impacts of the increased traffic due to the proposed activity.
12. 6 nos. of Rain water harvesting pits had been proposed under Rain water harvesting system.
13. Fire fighting Installations will be installed as per recommendation of the Fire fighting Officer, Odisha and as per the guideline of NBC (part-4). Fire NOC had been obtained.
14. The total estimated population of the project will be 1088 persons (including fixed + floating).
15. The total estimated cost of the project is approximately INR ₹ 55 Crores including land and construction.
16. The consultant **M/s Grass Roots Research & Creation India (P) Ltd. Noida (UP)** along with the proponent have made a detailed presentation on the EIA/EMP report.
17. The SEAC in its meeting held on 18.12.2019 decided to take decision on the proposal after the proponent submits the following information/ documents followed by visit by the Sub-Committee of SEAC to the project site
18. Now the project proponent has furnished compliances as desired by the committee vide letter dated 14.02.2020 as follows.

Sl. No.	Information Sought by SEAC	Compliance furnished by the proponent
(i)	Supporting documents regarding land schedule and kissam of land.	Kissam of land is Gharabari, Land Documents are enclosed in <b>Annexure-I</b>
(ii)	Status of Wildlife Clearance along with copy of the application submitted for Wildlife Clearance (if any) as the project is located within 10 km (default) from the boundary of Nandan Kanan Sanctuary.	Project Proponent have already applied for NBWL. Copy of the online submission acknowledgement is enclosed as <b>Annexure-II</b> .
(iii)	Certificate from the concerned DFO about exact distance of the project location from the boundary of notified Eco-Sensitive Zone of Chandaka-Dampada Wildlife Sanctuary.	DFO clearance for Chandaka Dampada Wildlife Sanctuary is enclosed as <b>Annexure-III</b> .
(iv)	Stack height of DG set, location and its specifications and design with stack height calculation.	Details of stack height of DG set, location and its specifications and design with stack height calculation is enclosed as <b>Annexure-IV (a) IV (b)</b> .

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Sl. No.	Information Sought by SEAC	Compliance furnished by the proponent
(v)	Detailed calculation for generation of waste water and its management during monsoon and non-monsoon.	Detailed calculation for generation of waste water and its management during monsoon and non-monsoon is enclosed as <b>Annexure-V</b> .
(vi)	NOC from drainage department for discharge of treated water to readymade municipality drain provided near proposed location.	Project Proponent has applied for NOC from drainage department for discharge of treated water. Copy of the same is enclosed as <b>Annexure-VI</b> .
(vii)	Exploring the possibility of treatment and usage of Roof Rain Water to minimise ground water usage.	Project Proponent confirmed that they will explore the possibility of roof rain water after primary treatment to minimize ground water. Details are enclosed as <b>Annexure-VII</b> .
(viii)	Traffic Density Study to be carried out for 10 years and report to be submitted.	Traffic Density Study Report for 10 years is enclosed as <b>Annexure-VIII</b> .
(ix)	Breakup percentage of green belt and landscape with detailed plan and layout.	The breakup percentage of green belt and landscape is as follows : <ul style="list-style-type: none"> <li>✓ Total green area is 1636.54 sqm (22.1 %)</li> <li>✓ Green area on ground floor-1104.28 sqm (14.91%)</li> <li>✓ Green area on podium-532.26 sqm (7.19%)</li> </ul> Detailed landscape plan is enclosed as <b>Annexure-IX</b> .
(x)	Proposal to increase the percentage of solar energy to 5% with detailed plan.	Details of increased percentage of solar energy to 5% with detailed plan is enclosed as <b>Annexure-X</b> .
(xi)	Details of rainwater harvesting proposed in the project and amount compensated towards water requirement/recharging as well	Detailed are enclosed as <b>Annexure-V &amp; Annexure-VII</b> .
(xii)	Detailed ECS calculation.	Detailed ECS calculation is enclosed as <b>Annexure-XI</b> .
(xiii)	Status of building plan approval.	Project Proponent has applied for building plan approval. Copy of the same is enclosed as <b>Annexure-XII</b> . Once they get the approval letter, they will submit to the SEAC.
(xiv)	Permission from Airport Authority for building height of 44.5 meter.	Project Proponent has applied for permission from Airport Authority. Copy of the same is enclosed as <b>Annexure-XIII</b> . NOC from AAi enclosed as <b>Annexure-XIII A</b> .

19. The SEAC in its meeting held on 04.03.2020 decided to take decision on the proposal after a site visit by the Sub-Committee of SEAC. The Sub-Committee of SEAC visited the site on 18.03.2020. The proponent needs to comply the following within 30 days from the date of issue of clarification letter as per recommendations of the sub-Committee to take decision on grant of Environmental Clearance for the proposal.



grant of Environmental Clearance for the proposal:

- (i) There exists a drain on the entry side of the site adjacent to the main road which is connected to "Budhi Nala", located approximately 14 km from the site. The project proponent stated that they will discharge the excess effluent after treatment and storm / run off water of their operating project to the above said drain.

The drain at present is found to be dry, very narrow and filled with debris in between.


As per standard Environmental Clearance conditions in there of clause III (XVII) for Building Project Activity, even no treated effluent / water shall be disposed in to municipality drain. However, the project proponent needs to confirm the following:


- (a) To indicate the starting point of the drain and the exact distance of the site to "Budhi Nala".
  - (b) To estimate the excess discharge (pre and post monsoon) after treatment and submit the report.
  - (c) To estimate the storm / run-off water if any, proposed to be discharged to the same drain and submit the report.
  - (d) To obtain the permission from the concerned authority to discharge the liquid waste as estimated above to the "Budhi nala" through the existing drain i.e. the competent authority of the drain and "Nala" as well.
- (ii) The entry gate is 9m wide and a 47 m road connects the main development area of the site to the gate.  
A comprehensive mobility plan must be prepared with:
    - (a) Hierarchy of roads with proper segregation of vehicular and pedestrian traffic.
    - (b) Proper design of entry and exit points.
  - (iii) A detailed Traffic Management Plan and traffic congestion plan with traffic density study by a reputed Govt. organization of national repute must be done and plan must be drawn up to ensure that the current level of service of the road from Governor's house to Cuttack via Trisulia is maintained and improved upon after the implementation of the project. The study and the plan should be based on cumulative impact of the traffic due to development and increased habitation for atleast next 10 years.
  - (iv) This Traffic Management Plan shall be duly validated and certified by the State Concerned Competent Authority and shall have also their consent.
  - (v) Solid Waste Management Plan need to be spelt out in detail and report be submitted.
  - (vi) Result of ECS be provided.
  - (vii) Since bore well will be used for drinking water purposes, necessary permission from the Concerned Authorities be submitted.
  - (viii) But once the Municipality water supply is made available to that area, the bore wells (except one number) should be abandoned and intimated to Water Resources




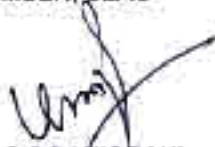
- (ix) Alternate source of renewable energy be indicated and its percentage be mentioned w.r.t total power requirement.
- (x) The project site was found to be a very low lying area. So, the base should be at a suitable level, above the public road in consultation with the Architect to avoid water logging during monsoon.
- (xi) A buffer of minimum 10m is maintained between the entry / exit gate and the road to avoid traffic congestion.
- (xii) Distance of the site from Eco-Sensitive Zone, Nandanakanan Sanctuary be confirmed and a letter from the concerned authority be produced to this effect.

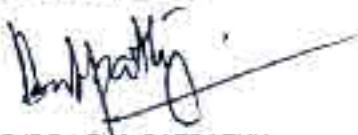
  
**DR. D. SWAIN**  
 MEMBER AND CHAIRMAN (WORKING),  
 SEAC

  
**SRI. J. K. MOHAPATRA**  
 MEMBER, SEAC

  
**PROF. (DR.) P.K. MOHANTY**  
 MEMBER, SEAC

  
**ER. K.R. ACHARYA**  
 MEMBER, SEAC

  
**DR. K.C.S PANIGRAHI**  
 MEMBER, SEAC

  
**PROF. (DR.) B.K. SATPATHY**  
 MEMBER, SEAC

APPROVED

  
 CHAIRMAN (WORKING), SEAC



TABLE**DECISION ON MINOR MINERAL PROJECTS WITH LEASE AREA LESS THAN 5 HA. ON 03.06.2020**

Sl. No	SEIAA File No.	Name & Address of the proponent	District	Type of Mineral	Name of the project	Mining lease period	Details of other mines including lease area located within 500 m from the periphery of the proposed mine lease area	Observation of SEAC based on Form-I, Pre-feasibility report, approved mining plan and checklist	Whether general condition apply	Maximum annual production capacity (in m <sup>3</sup> )	Recommendation of the SEAC
1.	SEIAA-69/02-2020	Sri Kalu Charan Nayak (Owner) M/s Kurula Brick Earth Quarry At /Po Karakhandi, P.s Patapur District Ganjam, Odisha Pin: 760001	Ganjam	Brick Earth	Proposal for Environmental Clearance for Kurula Brick Earth Quarry over an area of 2.224 acres or 0.900 ha. in village Kurula, Tahasil Sheragada in the district of Ganjam of Sri Kalu Charan Nayak (EC)	FY -2019-20 to 2023-24	Nil (As per Checklist)	1. Furnished filled in Form-I, pre-feasibility report and check list as endorsed / submitted by the Tahasildar. 2. DSR has been submitted which reveals 2 other mines are located in same village. 3. Topo sheet indicating location of the mine has been furnished. 4. EMP has not been submitted. 5. Mining plan	No	1808	The SEAC decided to take decision on the proposal after receipt of the following from the concerned Tahasildar: a) Detailed certificate that there is no other mines located within 500 meters from the periphery of the proposed mine lease area as DSR reveals 2

  
 Secretary, SEAC



Sl. No	SEIAA File No.	Name & Address of the proponent	District	Type of Mineral	Name of the project	Mining lease period	Details of other mines including lease area located within 500 m from the periphery of the proposed mine lease area	Observation of SEAC based on Form-I, Pre-feasibility report, approved mining plan and checklist.	Whether general condition apply	Maximum annual production capacity (in m <sup>3</sup> )	Recommendation of the SEAC
								<p>approved by the Deputy Director of Geology &amp; Authorized Officer, Directorate of Geology, Bhubaneswar.</p> <p>6. No forest land involved in lease area</p> <p>7. There is no protected areas i.e. National Park, Sanctuary, Habitat for Migratory Birds, Tiger Reserve, Protected Monuments, Inter-State boundary and critically polluted area as identified by CPCB etc. located within 5 km radius of the mine lease area.</p>			<p>other mines are located in same village.</p> <p>b) Copy of Environment Management Plan (EMP).</p>



Sl. No	SEIAA File No.	Name & Address of the proponent	District	Type of Mineral	Name of the project	Mining lease period	Details of other mines including lease area located within 500 m from the periphery of the proposed mine lease area	Observation of SEAC based on Form-I, Pre-feasibility report, approved mining plan and checklist	Whether general condition apply	Maximum annual production capacity (in m <sup>3</sup> )	Recommendation of the SEAC
								8. There is no court case / litigation pending. 9. <b>Kurula Bridge in 0.5 km.</b>			
2.	SEIAA-70/02-2020	Sri K. Damodar Patra, (Owner) M/s Kurula Brick Earth Quarry At / Po Kurula Ps: Sheragada District Ganjam, Odisha	Ganjam	Brick Earth	Proposal for Environmental Clearance for Kurula Brick Earth Quarry over an area of 2.824 acres or 1.143 ha. in village Kurula, Tahasil Sheragada in the district of Ganjam of Sri K. Damodar Patra, (EC)	FY- 2019-20 to 2023-24	Nil (As per Checklist)	1. Furnished filled in Form-I, pre-feasibility report and check list as endorsed / submitted by the Tahasildar. 2. <b>DSR has been submitted which reveals 2 other mines are located in same village.</b> 3. Topo sheet indicating location of the mine has been furnished. 4. <b>EMP has not been submitted.</b> 5. Mining plan	No	2162	The SEAC decided to take decision on the proposal after receipt of the following from the concerned Tahasildar. a) Detailed certificate that there is no other mines located within 500 meters from the periphery of the proposed mine lease area as DSR

  
 Secretary, SEAC



Sl. No	SEIAA File No.	Name & Address of the proponent	District	Type of Mineral	Name of the project	Mining lease period	Details of other mines including lease area located within 500 m from the periphery of the proposed mine lease area	Observation of SEAC based on Form-I, Pre-feasibility report, approved mining plan and checklist	Whether general condition apply	Maximum annual production capacity (in m <sup>3</sup> )	Recommendation of the SEAC
								<p>approved by the Deputy Director of Geology &amp; Authorized Officer, Directorate of Geology, Bhubaneswar.</p> <p>6. No forest land involved in lease area</p> <p>7. There is no protected areas i.e. National Park, Sanctuary, Habitat for Migratory Birds, Tiger Reserve, Protected Monuments, Inter-State boundary and critically polluted area as identified by CPCB etc. located within 5 km radius of the mine lease area.</p>			<p>reveals 2 other mines are located in same village.</p> <p>b) Copy of Environment Management Plan (EMP).</p>

  
 Secretary, SEAC



Sl. No	SEIAA File No.	Name & Address of the proponent	District	Type of Mineral	Name of the project	Mining lease period	Details of other mines including lease area located within 500 m from the periphery of the proposed mine lease area	Observation of SEAC based on Form-I, Pre-feasibility report, approved mining plan and checklist	Whether general condition apply	Maximum annual production capacity (In m <sup>3</sup> )	Recommendation of the SEAC
								8. There is no court case / litigation pending			
3.	SEIAA-74/02-2020	Sri Chandrasekhar Panigrahi (Owner) M/s. Tumbakana Stone Quarry At Po. Gunupur District Rayagada, Odisha	Rayagada	Stone	Proposal for Environmental Clearance for Tumbakana Stone Quarry over an area of 2.00 acres or 0.809 ha. at village Tumbakana Tahasil Ramanguda in the district of Rayagada of Sri Chandrasekhar Panigrahi (EC)	FY-2019-20 to 2023-24	Nil (As per Checklist)	1. Furnished filled in Form-I, pre-feasibility report and check list as endorsed / submitted by the Tahasildar. 2. DSR has been submitted. 3. Topo sheet indicating location of the mine has been furnished. 4. EMP has been submitted. 5. Mining plan approved by the Joint Director Geology, Zonal Survey Koraput.	No	1008	The SEAC recommended to grant EC valid from the date of EC accorded upto the lease period.

  
 Secretary, SEAC



Sl. No	SEIAA File No.	Name & Address of the proponent	District	Type of Mineral	Name of the project	Mining lease period	Details of other mines including lease area located within 500 m from the periphery of the proposed mine lease area	Observation of SEAC based on Form-I, Pre-feasibility report, approved mining plan and checklist	Whether general condition apply	Maximum annual production capacity (in m <sup>3</sup> )	Recommendation of the SEAC
								<p>6. No forest land involved in lease area</p> <p>7. There is no protected areas i.e. National Park, Sanctuary, Habitat for Migratory Birds, Tiger Reserve, Protected Monuments, Inter-State boundary and critically polluted area as identified by CPCB etc. located within 5 km radius of the mine lease area.</p> <p>8. There is no court case / litigation pending.</p>			

Sl. No	SEIAA File No.	Name & Address of the proponent	District	Type of Mineral	Name of the project	Mining lease period	Details of other mines including lease area located within 500 m from the periphery of the proposed mine lease area	Observation of SEAC based on Form-I, Pre-feasibility report, approved mining plan and checklist	Whether general condition apply	Maximum annual production capacity (in m <sup>3</sup> )	Recommendation of the SEAC
4.	SEIAA-75/02-2020	Sri Ganesh Prasad Chaurasia (Owner) M/s. Jhoridi Stone Quarry At/Po. J. K. Pur, District : Rayagada, Odisha	Rayagada	Stone	Proposal for Environmental Clearance for Jhoridi Stone Quarry over an area of 3.00 acres or 1.214 ha. at village Jhoridi Tahasil Kolnara in the district of Rayagada of Sri Ganesh Prasad Chaurasia (EC)	FY-2018-19 to 2022-23	Nil (As per Checklist)	<ol style="list-style-type: none"> <li>1. Furnished filled in Form-I, pre-feasibility report and check list as endorsed / submitted by the Tahasildar.</li> <li>2. <b>DSR has been submitted which reveals 17 stone quarries in the same Tahasil..</b></li> <li>3. Topo sheet indicating location of the mine has been furnished.</li> <li>4. EMP has been submitted.</li> <li>5. Mining plan approved by the Joint Director, Geology, Zonal Survey, Koraput.</li> </ol>	No	1791	The SEAC decided to take decision on the proposal after receipt of the following from the concerned Tahasildar: a) Detailed certificate that there is no other mines located within 500 meters from the periphery of the proposed mine lease area as DSR reveals 17 stone quarries in the same Tahasil.



Secretary, SEAC



Sl. No	SEIAA File No.	Name & Address of the proponent	District	Type of Mineral	Name of the project	Mining lease period	Details of other mines including lease area located within 500 m from the periphery of the proposed mine lease area	Observation of SEAC based on Form-I, Pre-feasibility report, approved mining plan and checklist	Whether general condition apply	Maximum annual production capacity (in m <sup>3</sup> )	Recommendation of the SEAC
								<p>6. No forest land involved in lease area</p> <p>7. There is no protected areas i.e. National Park, Sanctuary, Habitat for Migratory Birds, Tiger Reserve, Protected Monuments, Inter-State boundary and critically polluted area as identified by CPCB etc. located within 5 km radius of the mine lease area.</p> <p>8. There is no court case / litigation pending.</p>			

Sl No	SEIAA File No.	Name & Address of the proponent	District	Type of Mineral	Name of the project	Mining lease period	Details of other mines including lease area located within 500 m from the periphery of the proposed mine lease area	Observation of SEAC based on Form-I, Pre-feasibility report, approved mining plan and checklist	Whether general condition apply	Maximum annual production capacity (in m <sup>3</sup> )	Recommendation of the SEAC
5.	SEIAA-76/03-2020	Tahasildar, Patna Tahasil, Patna (Owner) M/s. Changuapada Sand Quarry, Changuapada A1 - Patna Po/ Ps - Swampatna, Dist - Keonjhar Odisha Pin 758030	Keonjhar	Sand	Proposal for Environmental Clearance for Changuapada Sand Quarry over an area of 8.00 acres or 3.237 ha. at village Changuapada Tahasil Patna in the district of Keonjhar of Tahasildar, Patna Tahasil, Patna (Baitarini River)	5 years (As per checklist) (Temporary Permit as per mining plan)	Nil (As per checklist)	<ol style="list-style-type: none"> <li>1. Furnished filled in Form-I, Pre-feasibility report and check list forwarded by Tahasildar.</li> <li>2. DSR has been submitted, which reveals that there are other seven sand mines located in the same Tahasil.</li> <li>3. Topo sheet indicating location of the mine has been furnished.</li> <li>4. EMP has been submitted.</li> <li>5. Mining plan approved by the Joint Director Geology, Keonjhar.</li> <li>6. No forest land</li> </ol>	No	11200	The SEAC decided to take decision on the proposal after receipt of the following from the concerned Tahasildar. a) Detailed certificate that there is no other mines located within 500 meters from the periphery of the proposed mine lease area as DSR reveals that there are other seven sand mines located in



Sl. No	SEIAA File No.	Name & Address of the proponent	District	Type of Mineral	Name of the project	Mining lease period	Details of other mines including lease area located within 500 m from the periphery of the proposed mine lease area	Observation of SEAC based on Form-I, Pre-feasibility report, approved mining plan and checklist	Whether general condition apply	Maximum annual production capacity (in m <sup>3</sup> )	Recommendation of the SEAC
								involved in lease area 7. There is no protected areas i.e. National Park, Sanctuary, Habitat for Migratory Birds, Tiger Reserve, Protected Monuments, Inter-State boundary and critically polluted area as identified by CPCB etc. located within 5 km radius of the mine lease area. 8. There is no court case / litigation pending.			the same Tahasil. b) Lease period of the sand mine as check list reveals lease period is 5 years and mining plan reveals temporary permit.

Sl. No	SEIAA File No.	Name & Address of the proponent	District	Type of Mineral	Name of the project	Mining lease period	Details of other mines including lease area located within 500 m from the periphery of the proposed mine lease area	Observation of SEAC based on Form-I, Pre-feasibility report, approved mining plan and checklist	Whether general condition apply	Maximum annual production capacity (in m <sup>3</sup> )	Recommendation of the SEAC
6	SEIAA-77/03-2020	Sri Girija Ranjan Mishra (Owner) M/s. Tangarpada (Kha) Stone Quarry (Road Metal) At - Swambiraja yagobindapur. Ps - Patna Dist - Keonjhar Odisha PIN: 758030	Keonjhar	Stone	Proposal for Environmental Clearance for Tangarpada (Kha) Stone Quarry over an area of 0.99 acres or 0.40 ha. at village Tangarpada Tahasil Patna in the district of Keonjhar of Sri Girija Ranjan Mishra (EC)	FY 2017-18 to 2021-22	Nil (As per checklist)	<p>1. Furnished filled in Form-I, Pre-feasibility report and check list forwarded by Tahasilidar.</p> <p>2. DSR has been submitted, which reveals that there are other 24 stone quarries located in the same Tahasil and 1 stone quarry in same village.</p> <p>3. Topo sheet indicating location of the mine has been furnished.</p> <p>4. EMP has been submitted.</p> <p>5. Mining plan approved by the</p>	No	840	<p>The SEAC decided to take decision on the proposal after receipt of the following from the concerned Tahasilidar:</p> <p>a) Detailed certificate that there is no other mines located within 500 meters from the periphery of the proposed mine lease area as DSR reveals that there are other 24 stone quarries</p>

  
Secretary, SEAC



Sl. No.	SEIAA File No.	Name & Address of the proponent	District	Type of Mineral	Name of the project	Mining lease period	Details of other mines including lease area located within 500 m from the periphery of the proposed mine lease area	Observation of SEAC based on Form-I, Pre-feasibility report, approved mining plan and checklist	Whether general condition apply	Maximum annual production capacity (in m <sup>3</sup> )	Recommendation of the SEAC
								<p>Deputy Director Geology, O/o Joint Director Geology, Keojhar.</p> <p>6. No forest land involved in lease area.</p> <p>7. There is no protected areas i.e. National Park, Sanctuary, Habitat for Migratory Birds, Tiger Reserve, Protected Monuments, Inter-State boundary and critically polluted area as identified by CPCB etc. located within 5 km radius of the mine lease area.</p> <p>8. There is no court case / litigation pending.</p>			located in the same Tahasil and 1 stone quarry in same village.

Sl. No.	SEIAA File No.	Name & Address of the proponent	District	Type of Mineral	Name of the project	Mining lease period	Details of other mines including lease area located within 500 m from the periphery of the proposed mine lease area	Observation of SEAC based on Form-I, Pre-feasibility report, approved mining plan and checklist	Whether general condition apply	Maximum annual production capacity (In m <sup>3</sup> )	Recommendation of the SEAC
7.	SEIAA-78/02-2020	Sri Pabitra Nayak (Owner) M/s. Kharida Brick Earth Quarry At /Ps. Kharida, Dist - Ganjam Odisha OIN: 781102	Ganjam	Brick Earth	Proposal for Environmental Clearance for Kharida Brick Earth Quarry over an area of 1.372 acres or 0.555 ha. in village Kharida, Tahasil Hinjilicut in the district of Ganjam of Sri Pabitra Nayak (Owner) (Ec)	FY 2019-20 to 2023-24	Nil (As per checklist)	<ol style="list-style-type: none"> <li>1. Furnished filled in Form-I, pre-feasibility report and check list as endorsed / submitted by the Tahasildar.</li> <li>2. DSR has been submitted, which reveals that there are other five brick earth quarries located in the same Tahasil and 1 Brick Earth Quarry in same village.</li> <li>3. Topo sheet indicating location of the mine has been furnished.</li> <li>4. EMP has been submitted.</li> </ol>	No	1064	<p>The SEAC decided to take decision on the proposal after receipt of the following from the concerned Tahasildar:</p> <p>a) Detailed certificate that there is no other mines located within 500 meters from the periphery of the proposed mine lease area as DSR reveals that there are other five brick earth quarries</p>

Secretary, SEAC



Sl. No	SEIAA File No.	Name & Address of the proponent	District	Type of Mineral	Name of the project	Mining lease period	Details of other mines including lease area located within 500 m from the periphery of the proposed mine lease area	Observation of SEAC based on Form-I, Pre-feasibility report, approved mining plan and checklist	Whether general condition apply	Maximum annual production capacity (in m <sup>3</sup> )	Recommendation of the SEAC
								<p>5. Mining plan approved by the Deputy Director Geology, Directorate of Geology, Bhubaneswar.</p> <p>6. No forest land involved in lease area</p> <p>7. There is no protected areas i.e. National Park, Sanctuary, Habitat for Migratory Birds, Tiger Reserve, Protected Monuments, Inter-State boundary and critically polluted area as identified by CPCB etc. located within 5 km radius of the mine lease area</p>			<p>located in the same Tahasil and 1 Brick Earth Quarry in same village.</p> <p>b) Plot no. and kissam indicates some of the mining area is coming under Billa-II i.e. agricultural land. Agricultural land will be not allowed for Brick Earth mining purpose. This has to be clarified.</p> <p>c) Village road</p>

  
 Secretary, SEAC

Sl. No	SEIAA File No.	Name & Address of the proponent	District	Type of Mineral	Name of the project	Mining lease period	Details of other mines including lease area located within 500 m from the periphery of the proposed mine lease area	Observation of SEAC based on Form-1, Pre-feasibility report, approved mining plan and checklist	Whether general condition apply	Maximum annual production capacity (in m <sup>3</sup> )	Recommendation of the SEAC
								8. There is no court case / litigation pending.			is at 0.1 km and Electric Transmission line is at 0.2 km. These two aspects may be further verified and certified by the concerned Tahasildar. If possible, it may be located at a safe distance from the village road and also from electric transmission line.



Secretary, SEAC



Sl. No	SEIAA File No.	Name & Address of the proponent	District	Type of Mineral	Name of the project	Mining lease period	Details of other mines including lease area located within 500 m from the periphery of the proposed mine lease area	Observation of SEAC based on Form-I, Pre-feasibility report, approved mining plan and checklist	Whether general condition apply	Maximum annual production capacity (in m <sup>3</sup> )	Recommendation of the SEAC
8.	SEIAA-79/02-2020	Sri Rajesh Kumar Pradhan (Auction Holder) M/s. Kasia Stone Quarry (Road Metal) At /Po. Fategarh, P.s. - Bhapur Dist - Nayagarh Pin: 752063	Nayagarh	Stone	Proposal for Environmental Clearance for Kasia Stone Quarry over an area of 8.00 acres or 3.238 ha. at village Kasia Tahasil Bhapur in the district of Nayagarh of Sri Rajesh Kumar Pradhan (EC)	5 Years	Nil (As per checklist)	<p>1. Furnished filled in Form-I, pre-feasibility report and check list as endorsed / submitted by the Tahasildar.</p> <p>2. DSR has been submitted, which reveals that there are 5 stone quarries located in the same Tahasil and another quarry located in same khata no and plot no.</p> <p>3. Topo sheet indicating location of the mine has been furnished.</p> <p>4. EMP has been submitted.</p>	No	3040	The SEAC decided to take decision on the proposal after receipt of the following from the concerned Tahasildar: a) Detailed certificate that there is no other mines located within 500 meters from the periphery of the proposed mine lease area as DSR reveals that there are 5 stone quarries located in

  
 Secretary, SEAC

Sl. No	SEIAA File No.	Name & Address of the proponent	District	Type of Mineral	Name of the project	Mining lease period	Details of other mines including lease area located within 500 m from the periphery of the proposed mine lease area	Observation of SEAC based on Form-I, Pre-feasibility report, approved mining plan and checklist	Whether general condition apply	Maximum annual production capacity (in m <sup>3</sup> )	Recommendation of the SEAC
								<p>5. Mining plan approved by the Deputy Director Geology, Directorate of Geology, Bhubaneswar.</p> <p>6. No forest land involved in lease area</p> <p>7. There is no protected areas i.e. National Park, Sanctuary, Habitat for Migratory Birds, Tiger Reserve, Protected Monuments, Inter-State boundary and critically polluted area as identified by CPCB etc. located within 5 km radius of the mine lease area</p>			<p>the same Tahasil and another quarry located in same Khata no and plot no..</p> <p>b) Certificate from the Concerned DFO that there is no DLC land involved in the lease area.</p>

  
 Secretary, SEAC



Sl. No	SEIAA File No.	Name & Address of the proponent	District	Type of Mineral	Name of the project	Mining lease period	Details of other mines including lease area located within 500 m from the periphery of the proposed mine lease area	Observation of SEAC based on Form-I, Pre-feasibility report, approved mining plan and checklist	Whether general condition apply	Maximum annual production capacity (in m <sup>3</sup> )	Recommendation of the SEAC
								8. There is no court case / litigation pending.			
9	SEIAA-80/02-2020	Sri D. Jagannath Patro, (Owner) M/s Khaspa Brick Earth Quarry At / Po : Khaspa Ps: Sheragada District : Ganjam, Odisha	Ganjam	Brick Earth	Proposal for Environmental Clearance for Sanamuktamala Jamadeipur Brick Earth Quarry over an area of 1.023 acres or 0.413 ha in village Sanamuktamala Jamadeipur, Tahasil Kabisuryanagar in the district of Ganjam of Sri Sujit Kumar Nayak (EC)	FY -2018-19 to 2022-23	Nil (As per checklist)	1. Furnished filled in Form-I, pre-feasibility report and check list as endorsed / submitted by the Tahasildar. 2. DSR has been submitted. 3. Topo sheet indicating location of the mine has been furnished. 4. EMP has been submitted. 5. Mining plan approved by the Deputy Director Geology, Directorate of Geology,	No	840	The SEAC decided to take decision on the proposal after receipt of following from the concerned Tahasildar;  (a)Kissam of land is not mentioned. It should be clarified.



Secretary, SEAC

Sl. No	SEIAA File No.	Name & Address of the proponent	District	Type of Mineral	Name of the project	Mining lease period	Details of other mines including lease area located within 500 m from the periphery of the proposed mine lease area	Observation of SEAC based on Form-I, Pre-feasibility report, approved mining plan and checklist	Whether general condition apply	Maximum annual production capacity (in m <sup>3</sup> )	Recommendation of the SEAC
								<p>Bhubaneswar.</p> <p>6. No forest land involved in lease area.</p> <p>7. There is no protected areas i.e National Park, Sanctuary, Habitat for Migratory Birds, Tiger Reserve Protected Monuments, Inter-State boundary and critically polluted area as identified by CPCB etc. located within 5 km radius of the mine lease area.</p> <p>8. There is no court case / litigation pending.</p>			



Sl. No	SEIAA File No.	Name & Address of the proponent	District	Type of Mineral	Name of the project	Mining lease period	Details of other mines including lease area located within 500 m from the periphery of the proposed mine lease area	Observation of SEAC based on Form-I, Pre-feasibility report, approved mining plan and checklist	Whether general condition apply	Maximum annual production capacity (in m <sup>3</sup> )	Recommendation of the SEAC
10.	SEIAA-81/02-2020	Smt. Reema Nayak, (Lessee) M/s. Kharida Brick Clay Quarry At /Ps. Kharida Dist - Ganjam, Odisha	Ganjam	Brick Earth	Proposal for Environmental Clearance for Kharida Brick Earth Quarry over an area of 5.00 acres or 2.023 ha. in village Kharida, Tahasil Hinjilicut in the district of Ganjam of Smt. Reema Nayak (EC)	FY 2019-20 to 2023-24	Nil (As per checklist)	<ol style="list-style-type: none"> <li>1. Furnished filled in Form-I, pre-feasibility report and check list as endorsed / submitted by the Tahasildar.</li> <li>2. DSR has been submitted, which reveals that there are other five brick earth quarries located in the same Tahasil and 1 Brick Earth Quarry in same village.</li> <li>3. Topo sheet indicating location of the mine has been furnished.</li> <li>4. EMP has been submitted.</li> <li>5. Mining plan approved by the</li> </ol>	No	2872	<p>The SEAC decided to take decision on the proposal after receipt of the following from the concerned Tahasildar:</p> <p>a) Detailed certificate that there is no other mines located within 500 meters from the periphery of the proposed mine lease area as DSR reveals that there are other five brick earth quarries</p>

  
Secretary, SEAC

Sl. No	SEIAA File No.	Name & Address of the proponent	District	Type of Mineral	Name of the project	Mining lease period	Details of other mines including lease area located within 500 m from the periphery of the proposed mine lease area	Observation of SEAC based on Form-1, Pre-feasibility report, approved mining plan and checklist	Whether general condition apply	Maximum annual production capacity (in m <sup>3</sup> )	Recommendation of the SEAC
								<p>Deputy Director Geology, Directorate of Geology, Bhubaneswar...</p> <p>6. No forest land involved in lease area</p> <p>7. There is no protected areas i.e. National Park, Sanctuary, Habitat for Migratory Birds, Tiger Reserve, Protected Monuments, Inter-State boundary and critically polluted area as identified by CPCB etc. located within 5 km radius of the mine lease area.</p> <p>8. There is no court case / litigation</p>			<p>located in the same Tahasil and 1 Brick Earth Quarry in same village.</p> <p>b) Copy of Environmental Clearance, if granted by DEIAA/ SEIAA earlier.</p>

  
 Secretary, SEAC



Sl. No	SEIAA File No.	Name & Address of the proponent	District	Type of Mineral	Name of the project	Mining lease period	Details of other mines including lease area located within 500 m from the periphery of the proposed mine lease area	Observation of SEAC based on Form-I, Pre-feasibility report, approved mining plan and checklist	Whether general condition apply	Maximum annual production capacity (in m <sup>3</sup> )	Recommendation of the SEAC
								pending. 9. Rushikulya River – 200 m distance and bridge – 300 m at distance.			
11.	SEIAA-82/03-2020	Sri Arun Kumar Singh, (M/s JPW Infratech Pvt. Ltd.) M/s. Badadandasaahi Stone Quarry At – Plot No. 14A, Shyam Enclave, T.P. Nagar, Korba (CG) Pin : 495677	Angul	Stone	Proposal for Environmental Clearance for Badadandasaahi Stone Quarry over an area of 4.980 acres or 2.015 ha. at village Badadandasaahi Tahasil Angul in the district of Angul of Sri Arun Kumar Singh (EC)	5 years	Nil (As per checklist)	1. Furnished filled in Form-I, pre-feasibility report and check list as endorsed / submitted by the Tahasildar. 2. DSR has been submitted which reveals that since it's a private plot area it has not been included in DSR and clarified by the Tahsildar, Angul too. 3. Topo sheet indicating location of the mine has	No	3976	The SEAC decided to take decision on the proposal after receipt of the following from the concerned Tahasildar: a) Detailed certificate that there is no other mines located within 500 meters from the periphery of the proposed mine lease

  
Secretary, SEAC

Sl. No	SEIAA File No.	Name & Address of the proponent	District	Type of Mineral	Name of the project	Mining lease period	Details of other mines including lease area located within 500 m from the periphery of the proposed mine lease area	Observation of SEAC based on Form-I, Pre-feasibility report, approved mining plan and checklist	Whether general condition apply	Maximum annual production capacity (in m <sup>3</sup> )	Recommendation of the SEAC
								<p>been furnished.</p> <p>4. EMP has been submitted.</p> <p>5. Mining plan approved by the Joint Director of Geology, Zonal Survey Dhenkanal.</p> <p>6. No forest land involved in lease area</p> <p>7. There is no protected areas i.e. National Park, Sanctuary, Habitat for Migratory Birds, Tiger Reserve, Protected Monuments, Inter-State boundary and critically polluted area as identified by CPCB etc located within 5 km</p>			<p>area</p> <p>b) Copy of Environmental Clearance, if granted by DEIAA/ SEIAA earlier.</p>



Secretary, SEAC



Sl. No	SEIAA File No.	Name & Address of the proponent	District	Type of Mineral	Name of the project	Mining lease period	Details of other mines including lease area located within 500 m from the periphery of the proposed mine lease area	Observation of SEAC based on Form-I, Pre-feasibility report, approved mining plan and checklist	Whether general condition apply	Maximum annual production capacity (in m <sup>3</sup> )	Recommendation of the SEAC
								radius of the mine lease area 8. There is no court case / litigation pending.			
12.	SEIAA-85/03-2020	Sri Ananta Kishore Dixit (Owner) M/s. Daising Sand Quarry At/ Po. Daising Dist Bhadrak, Odisha	Bhadrak	Sand	Proposal for Environmental Clearance for Daising Sand Bed over an area of 10.00 acres or 4.04 ha. at village Haldi Tahasil Bhadrak in the district of Bhadrak of Sri Ananta Kishore Dixit (over river Salandi)	FY 2018-19 to 2022-23	Nil (As per checklist)	a) Furnished filled in Form-I, Pre-feasibility report and check list forwarded by Tahasildar. b) DSR has been submitted, which reveals that there are other four sand mines located in the same Tahasil and no other sand mine in same village. c) Topo sheet indicating location of the mine has	No	500	The SEAC decided to take decision on the proposal after receipt of the following from the concerned Tahasildar: a) Detailed certificate that there is no other mines located within 500 meters from the periphery of the proposed

Sl. No	SEIAA File No.	Name & Address of the proponent	District	Type of Mineral	Name of the project	Mining lease period	Details of other mines including lease area located within 500 m from the periphery of the proposed mine lease area	Observation of SEAC based on Form-I, Pre-feasibility report, approved mining plan and checklist	Whether general condition apply	Maximum annual production capacity (in m <sup>3</sup> )	Recommendation of the SEAC
								<p>been furnished.</p> <p>d) EMP has been submitted.</p> <p>e) Mining plan approved by the Deputy Director Geology, Directorate of Geology, Bhubaneswar.</p> <p>f) No forest land involved in lease area</p> <p>g) There is no protected areas i.e. National Park, Sanctuary, Habitat for Migratory Birds, Tiger Reserve, Protected Monuments, Inter-State boundary and critically polluted area as identified</p>			<p>mine lease area as DSR reveals that there are other four sand mines located in the same Tahasil and no other sand mine in same village.</p> <p>b) Copy of Environment Clearance, if granted by DEIAA/ SEIAA earlier.</p>

  
 Secretary, SEAC



Sl. No	SEIAA File No.	Name & Address of the proponent	District	Type of Mineral	Name of the project	Mining lease period	Details of other mines including lease area located within 500 m from the periphery of the proposed mine lease area	Observation of SEAC based on Form-I, Pre-feasibility report, approved mining plan and checklist	Whether general condition apply	Maximum annual production capacity (in m <sup>3</sup> )	Recommendation of the SEAC
								by CPCB etc. located within 5 km radius of the mine lease area. h) There is no court case / litigation pending.			
13.	SEIAA-86/03-2020	Sri Moilli Bisikesana (Lessee) M/s. Barapalli Brick Earth Quarry At - Laxminaray anpur, Po- Borigam, Ps - Berhampur Dist - Ganjam Pin 760001	Ganjam	Brick Earth	Proposal for Environmental Clearance for Barapalli Brick Earth Quarry over an area of 0.550 acres or 0.222 ha. in village Barapalli, Tahasil Kukudakhandi in the district of Ganjam of Sri Moilli Bisikesana (EC)	FY 2018-19 to 2022-23	Nil (As per checklist)	1. Furnished filled in Form-I, Pre-feasibility report and check list forwarded by Tahasildar. 2. DSR has been submitted, which reveals that there are other seven brick earth quaries located in the same Tahasil and no other brick earth mine in same	No	484	The SEAC decided to take decision on the proposal after receipt of the following from the concerned Tahasildar: a) Detailed certificate that there is no other mines located within 500 meters from the periphery of the

Sl. No	SEIAA File No.	Name & Address of the proponent	District	Type of Mineral	Name of the project	Mining lease period	Details of other mines including lease area located within 500 m from the periphery of the proposed mine lease area	Observation of SEAC based on Form-I, Pre-feasibility report, approved mining plan and checklist	Whether general condition apply	Maximum annual production capacity (in m <sup>3</sup> )	Recommendation of the SEAC
								<p>village.</p> <p>3. Topo sheet indicating location of the mine has been furnished.</p> <p>4. EMP has been submitted.</p> <p>5. Mining plan approved by the Deputy Director Geology, Directorate of Geology, Bhubaneswar.</p> <p>6. No forest land involved in lease area</p> <p>7. There is no protected areas i.e. National Park, Sanctuary, Habitat</p>			<p>proposed mine lease area as DSR reveals that there are other seven brick earth quarries located in the same Tahasil and no other brick earth mine in same village.</p> <p>b) Copy of Environmental Clearance, if granted by DEIAA/ SEIAA earlier.</p>

  
 Secretary, SEAC



Sl. No	SEIAA File No.	Name & Address of the proponent	District	Type of Mineral	Name of the project	Mining lease period	Details of other mines including lease area located within 500 m from the periphery of the proposed mine lease area	Observation of SEAC based on Form-I, Pre-feasibility report, approved mining plan and checklist	Whether general condition apply	Maximum annual production capacity (in m <sup>3</sup> )	Recommendation of the SEAC
								for Migratory Birds, Tiger Reserve, Protected Monuments, Inter-State boundary and critically polluted area as identified by CPCB etc. located within 5 km radius of the mine lease area.			
14.	SEIAA-87/03-2020	Sri Judhistir Mallik (Lessee) M/s. Ramapalli Brick Earth Quarry At – Rapali, Po- Kankia	Ganjam	Brick Earth	Proposal for Environmental Clearance for Ramapalli Brick Earth Quarry over an area of 2.583 acres or 1.045 ha. in	FY 2018-19 to 2022-23	Nil (As per checklist)	1. Furnished filled in Form-I, Pre-feasibility report and check list forwarded by Tahasildar. 2. DSR has been submitted, which	No	3560	The SEAC decided to take decision on the proposal after receipt of the following from the concerned Tahasildar: a) Detailed

  
 Secretary, SEAC

Sl. No	SEIAA File No.	Name & Address of the proponent	District	Type of Mineral	Name of the project	Mining lease period	Details of other mines including lease area located within 500 m from the periphery of the proposed mine lease area	Observation of SEAC based on Form-I, Pre-feasibility report, approved mining plan and checklist	Whether general condition apply	Maximum annual production capacity (in m <sup>3</sup> )	Recommendation of the SEAC
		Ps - Kukudakhandi Dist - Ganjam			village Ramapalli, Tahasil Kukudakhandi in the district of Ganjam of Sri Judhistir Mallik (EC)			reveals that there are other seven brick earth quarries located in the same Tahasil and no other brick earth mine in same village.  3. Topo sheet indicating location of the mine has been furnished.  4. EMP has been submitted.  5. Mining plan approved by the Deputy Director Geology, O/o Joint Director, Geology, (S.Z) Berhampur.			certificate that there is no other mines located within 500 meters from the periphery of the proposed mine lease area as DSR reveals that there are other seven brick earth quarries located in the same Tahasil and no other brick earth mine in same village.  b) Copy of Environment

  
 Secretary, SEAC



Sl. No	SEIAA File No.	Name & Address of the proponent	District	Type of Mineral	Name of the project	Mining lease period	Details of other mines including lease area located within 500 m from the periphery of the proposed mine lease area	Observation of SEAC based on Form-I, Pre-feasibility report, approved mining plan and checklist	Whether general condition apply	Maximum annual production capacity (in m <sup>3</sup> )	Recommendation of the SEAC
								<p>6. No forest land involved in lease area</p> <p>7. There is no protected areas i.e. National Park, Sanctuary, Habitat for Migratory Birds, Tiger Reserve, Protected Monuments, Inter-State boundary and critically polluted area as identified by CPCB etc located within 5 km radius of the mine lease area</p> <p>8. There is no court case / litigation pending.</p>			al Clearance, if granted by DEIAA/ SEIAA earlier.

Sl. No	SEIAA File No.	Name & Address of the proponent	District	Type of Mineral	Name of the project	Mining lease period	Details of other mines including lease area located within 500 m from the periphery of the proposed mine lease area	Observation of SEAC based on Form-I, Pre-feasibility report, approved mining plan and checklist	Whether general condition apply	Maximum annual production capacity (in m <sup>3</sup> )	Recommendation of the SEAC
15.	SEIAA-90/03-2020	Sri D. Srinivas Rao (Owner) M/s. Bhimapur Brick Earth Quarry At / Po - B. Nuagam Ps - Jarada, Patrapur Dist - Ganjam	Ganjam	Brick Earth	Proposal for Environmental Clearance for Bhimapur Brick Earth Quarry over an area of 1.630 acres or 0.660 ha. in village Bhimapur, Tahasil Patrapur in the district of Ganjam of Sri D. Srinivas Rao (EC)	FY 2019-20 to 2023-24	Nil (As per checklist)	<p>1. Furnished filled in Form-I, Pre-feasibility report and check list forwarded by Tahasildar.</p> <p>2. DSR has been submitted, which reveals that there are other four brick earth quarries located in the same Tahasil and no other brick earth mine in same village.</p> <p>3. Topo sheet indicating location of the mine has been furnished.</p> <p>4. EMP has been</p>	No	1416	<p>The SEAC decided to take decision on the proposal after receipt of the following from the concerned Tahasildar:</p> <p>a) Detailed certificate that there is no other mines located within 500 meters from the periphery of the proposed mine lease area as DSR reveals that there are other four brick earth quarries</p>

Secretary, SEAC



Sl. No	SEIAA File No.	Name & Address of the proponent	District	Type of Mineral	Name of the project	Mining lease period	Details of other mines including lease area located within 500 m from the periphery of the proposed mine lease area	Observation of SEAC based on Form-I, Pre-feasibility report, approved mining plan and checklist	Whether general condition apply	Maximum annual production capacity (in m <sup>3</sup> )	Recommendation of the SEAC
								submitted. 5. Mining plan approved by the Deputy Director Geology, O/o Joint Director, Geology (S.Z) Berhampur. 6. No forest land involved in lease area 7. There is no protected areas i.e. National Park, Sanctuary, Habitat for Migratory Birds, Tiger Reserve, Protected Monuments, Inter-State boundary and critically polluted			located in the same Tahasil and no other brick earth mine in same village.  b) Copy of Environmental Clearance, if granted by DEIAA/ SEIAA earlier.

Sl. No	SEIAA File No	Name & Address of the proponent	District	Type of Mineral	Name of the project	Mining lease period	Details of other mines including lease area located within 500 m from the periphery of the proposed mine lease area	Observation of SEAC based on Form-I, Pre-feasibility report, approved mining plan and checklist	Whether general condition apply	Maximum annual production capacity (in m <sup>3</sup> )	Recommendation of the SEAC
								<p>area as identified by CPCB etc. located within 5 km radius of the mine lease area.</p> <p>8. There is no court case / litigation pending.</p>			

  
 Chairman (Working), SEAC

  
 Secretary, SEAC



**CONDITIONS TO BE STIPULATED IN ENVIRONMENTAL CLEARANCE FOR CONSTRUCTION OF (S+12) MULTI-STORIED RESIDENTIAL APARTMENTS AT RANASINGHPUR (PHASE-II) BHUBANESWAR OF ODISHA STATE HOUSING BOARD WITH TOTAL BUILT UP AREA 1,01,370.40 SQ.M OVER AN AREA OF 11.325 ACRES (EC)**

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**PART A - SPECIFIC CONDITIONS:**

1. Consent to Establish / Operate for the project shall be obtained from the State Pollution Control Board as required under the Air (Prevention and Control of Pollution) Act, 1981 and the Water (Prevention and Control of Pollution) Act, 1974.
2. The approval of the Competent Authority shall be obtained for structural safety of buildings due to earthquakes, adequacy of fire fighting equipment etc. as per National Building Code including protection measures from lightening etc.
3. The project proponent shall obtain all necessary clearance/ permission from all relevant agencies including town planning authority before commencement of work. All the construction shall be done in accordance with the local building byelaws.
4. The project proponent shall ensure that the guidelines for building and construction projects issued vide this Ministry's OM NO.19-2/2013-IA.III dated 9th June, 2015, are followed to ensure sustainable environmental management.

**TOPOGRAPHY AND NATURAL DRAINAGE**

5. The natural drain system should be maintained for ensuring unrestricted flow of water. No construction shall be allowed to obstruct the natural drainage through the site, on wetland and water bodies. Check dams, bio-swales, landscape and other Sustainable Urban Drainage Systems (SUDS) are allowed for maintaining the drainage pattern and to harvest rain water. Buildings shall be designed to follow the natural topography as much as possible. Minimum cutting and filling should be done.

**WATER REQUIREMENT, CONSERVATION, RAIN WATER HARVESTING, AND GROUND WATER RECHARGE**

6. As proposed, fresh water requirement from ground water shall not exceed 650 m<sup>3</sup> per day.
7. A certificate shall be obtained from the local body supplying water, specifying the total annual water availability with the local authority, the quantity of water already committed, the quantity of water allotted to the project under consideration and the balance water available. This should be specified separately for ground water and surface water sources, ensuring that there is no impact on other users.
8. The quantity of fresh water usage, water recycling and rainwater harvesting shall be measured and recorded to monitor the water balance as projected by the project proponent. The record shall be submitted to the Regional Office, MoEF&CC and SEIAA, Odisha along with six monthly Monitoring reports.
9. Installation of dual pipe plumbing for supplying fresh water for drinking, cooking and bathing etc. and other for supply of recycled water for flushing, landscape irrigation, car washing, thermal cooling, conditioning etc. shall be done.



10. Use of water saving devices/ fixtures (viz. low flow flushing systems; use of low flow faucets tap aerators etc.) for water conservation shall be incorporated in the building plan.
11. Separation of grey and black water should be done by the use of dual plumbing system. In case of single stack system separate recirculation lines for flushing by giving dual plumbing system be done.
12. Water demand during construction should be reduced by use of pre-mixed concrete, curing agents and other best practices referred.
13. The local bye-law provisions on rain water harvesting should be followed. If local bye-law provision is not available, adequate provision for storage and recharge should be followed as per the Ministry of Urban Development Model Building Byelaws, 2016. Rain water harvesting recharge pits of adequate nos. shall be provided
14. Any ground water dewatering should be properly managed and shall conform to the approvals and the guidelines of the CGWA in the matter. Formal approval shall be taken from the CGWA for any ground water abstraction or dewatering. The proponent shall also obtain permission from Water Resources Department, Govt. of Odisha for drawal of water.

#### **SOLID WASTE MANAGEMENT**

15. The provisions of the Solid Waste (Management) Rules, 2016, E-Waste (Management) Rules, 2016, and the Plastics Waste (Management) Rules, 2016 shall be followed.
16. Disposal of muck during construction phase shall not create any adverse effect on the neighbouring communities and be disposed taking the necessary precautions for general safety and health aspects of people, only in approved sites with the approval of competent authority.
17. Separate wet and dry bins must be provided in each unit and at the ground level for facilitating segregation of waste. Solid waste shall be segregated into wet garbage and inert materials. Wet garbage shall be composted in Organic Waste Converter. Adequate area shall be provided for solid waste management within the premises which will include area for segregation, composting. The inert waste from group housing project will be sent to dumping site.
18. Any hazardous waste generated during construction phase, shall be disposed off as per applicable rules and norms with necessary approvals of the State Pollution Control Board.
19. A certificate from the competent authority handling municipal solid wastes, indicating the existing civic capacities of handling and their adequacy to cater to the Municipal Solid Waste generated from project shall be obtained.

#### **SEWAGE TREATMENT PLANT**

20. Sewage shall be treated in 2 nos. of STPs of capacities 300 KLD and 310 KLD. The treated effluent from STP shall be recycled/re-used for flushing, gardening and DG Cooling.
21. A certificate from the competent authority shall be obtained for discharging treated effluent/ untreated effluents into the Public sewer/disposal/drainage systems along with the final disposal point.
22. A natural nala passes through the village land to the railway line further. In case it belongs to railways and railway line expands covering the said nala, there alternative plan for



discharge of water, otherwise permission from railway in this context shall be submitted along with the Consent to Operate application.

23. Separate large recharge pits shall be constructed inside the project area to accommodate the rainwater in case the housing project period and the CDP of the Govt. does not synchronize with reference to construction of road and drain.
24. A three phase line across the proposed site and few H.T. line towers were found near the project site. The project proponent shall avoid construction of building below the H.T. line as per permission obtained from CESU.
25. No sewage or untreated effluent water would be discharged through storm water drains.
26. The installation of the Sewage Treatment Plant (STP) shall be certified by an independent expert and a report in this regard shall be submitted to the SEIAA, Odisha before the project is commissioned for operation. Periodical monitoring of water quality of treated sewage shall be conducted. Necessary measures should be made to mitigate the odour problem from STP.
27. Sludge from the onsite sewage treatment, including septic tanks, shall be collected, conveyed and disposed as per the Ministry of Urban Development, Central Public Health and Environmental Engineering Organization (CPHEEO) Manual on Sewerage and Sewage Treatment Systems, 2013.

## **ENERGY**

28. Compliance with the Energy Conservation Building Code (ECBC) of Bureau of Energy Efficiency shall be ensured. Buildings in the States which have notified their own ECBC, shall comply with the State ECBC. Outdoor and common area lighting shall be LED. Concept of passive solar design that minimize energy consumption in buildings by using design elements, such as building orientation, landscaping, efficient building envelope, appropriate fenestration, increased day lighting design and thermal mass etc shall be incorporated in the building design. Wall, window, and roof u-values shall be as per ECBC specifications.
29. Energy conservation measures like installation of CFLs / LED for the lighting the area outside the building should be integral part of the project design and should be in place before project commissioning. Used CFLs, TFL and LED shall be properly collected and disposed off/sent for recycling as per the prevailing guidelines/rules of the regulatory authority to avoid mercury contamination
30. Solar, wind or other Renewable Energy shall be installed to meet electricity generation equivalent to 5% of the demand load or as per the state level/ local building bye-laws requirement, whichever is higher. Follow super ECBC requirement of ECBC 2017 and provide compliance report.
31. Solar power shall be used for lighting in the apartment to reduce the power load on grid. Separate electric meter shall be installed for solar power. Solar water heating shall be provided to meet 20% of the hot water demand of the commercial and institutional building or as per the requirement of the local building bye-laws, whichever is higher. Residential buildings are also recommended to meet its hot water demand from solar water heaters, as far as possible



32. Use of environment friendly materials in bricks, blocks and other construction materials, shall be required for at least 20% of the construction material quantity. These include Fly Ash bricks, hollow bricks, AACs, Fly Ash Lime Gypsum blocks, compressed earth blocks, and other environment friendly materials. Fly ash should be used as building material in the construction as per the provision of Fly Ash Notification of September, 1999 and amended as on 27th August, 2003 and 25th January, 2016. Ready mixed concrete must be used in building construction.
33. A certificate of adequacy of available power from the agency supplying power to the project along with the load allowed for the project shall be submitted.

### **AIR QUALITY AND NOISE**

34. Construction site shall be adequately barricaded before the construction begins. Dust, smoke & other air pollution prevention measures shall be provided for the building as well as the site. These measures shall include screens for the building under construction, continuous dust/ wind breaking walls all around the site (at least 3 meter height). Plastic/tarpaulin sheet covers shall be provided for vehicles bringing in sand, cement, murrum and other construction materials prone to causing dust pollution at the site as well as taking out debris from the site. Sand, murrum, loose soil, cement, stored on site shall be covered adequately so as to prevent dust pollution. Wet jet shall be provided for grinding and stone cutting. Unpaved surfaces and loose soil shall be adequately sprinkled with water to suppress dust.
35. All construction and demolition debris shall be stored at the site (and not dumped on the roads or open spaces outside) before they are properly disposed. All demolition and construction waste shall be managed as per the provisions of the Construction and Demolition Waste Rules, 2016. All workers working at the construction site and involved in loading, unloading, carriage of construction material and construction debris or working in any area with dust pollution shall be provided with dust mask.
36. **Notification GSR 94(E) dated 25.01.2018 of MoEF&CC regarding Mandatory Implementation of Dust Mitigation Measures for Construction and Demolition Activities for projects requiring Environmental Clearance shall be complied with.**
37. The gaseous emissions from DG set shall be dispersed through adequate stack height as per CPCB standards. Acoustic enclosure shall be provided to the DG sets to mitigate the noise pollution. Low sulphur diesel shall be used. The location of the DG set and exhaust pipe height shall be as per the provisions of the Central Pollution Control Board (CPCB) norms.
38. For indoor air quality the ventilation provisions as per National Building Code of India shall be provided.
39. Ambient noise levels shall conform to residential standard both during day and night as per Noise Pollution (Control and Regulation) Rules, 2000. Incremental pollution loads on the ambient air and noise quality shall be closely monitored during construction phase. Adequate measures shall be made to reduce ambient air and noise level during construction phase, so as to conform to the stipulated standards by CPCB / SPCB.

  
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### **GREEN COVER**

40. No tree cutting/transplantation of existing trees has been proposed in the instant project. A minimum of 1 tree for every 80 m<sup>2</sup> of land should be planted and maintained. The existing trees will be counted for this purpose. The landscape planning should include plantation of native species. The species with heavy foliage, broad leaves and wide canopy cover are desirable. Water intensive and/or invasive species should not be used for landscaping. As proposed 10,333 m<sup>2</sup> of plot area shall be provided for green area development.

### **TOP SOIL PRESERVATION AND REUSE**

41. Topsoil should be stripped to a depth of 20 cm from the areas proposed for buildings, roads, paved areas, and external services. It should be stockpiled appropriately in designated areas and reapplied during plantation of the proposed vegetation on site.

### **TRANSPORT**

42. **The Bhubaneswar Development Authority shall seek a detailed specific traffic density study report of Operation Research (OR) Expert before giving the final building plan approval. The proponent shall also submit a copy of the same to the SEIAA, Odisha.**
43. A comprehensive mobility plan, as per Ministry of Urban Development best practices guidelines (URDPFI), shall be prepared to include motorized, non-motorized, public, and private networks. Road should be designed with due consideration for environment, and safety of users. The road system can be designed with these basic criteria:
  - Hierarchy of roads with proper segregation of vehicular and pedestrian traffic.
  - Traffic calming measures
  - Proper design of entry and exit points.
  - Parking norms as per local regulation.
44. A detailed traffic management and traffic decongestion plan shall be drawn up to ensure that the current level of service of the roads within a 05 kms radius of the project is maintained and improved upon after the implementation of the project.
45. This plan should be based on cumulative impact of all development and increased habitation being carried out or proposed to be carried out by the project or other agencies in this 05 Kms radius of the site in different scenarios of space and time and the traffic management plan shall be duly validated and certified by the State Urban Development department and the P.W.D./ competent authority for road augmentation and shall also have their consent to the implementation of components of the plan which involve the participation of these departments.
46. Vehicles hired for bringing construction material to the site should be in good condition and should have a pollution check certificate and should conform to applicable air and noise emission standards be operated only during non-peak hours.

### **ENVIRONMENT MANAGEMENT PLAN**

47. An Environmental Management Plan (EMP) shall be prepared and implemented to ensure compliance with the environmental conditions specified above. A dedicated Environment Monitoring Cell with defined functions and responsibility shall be put in place to implement



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the EMP. The environmental cell shall ensure that the environment infrastructure like Sewage Treatment Plant, Landscaping, Rain Water Harvesting, Energy efficiency and conservation, water efficiency and conservation, solid waste management, renewable energy etc. are kept operational and meet the required standards. The environmental cell shall also keep the record of environment monitoring and those related to the environment infrastructure.

#### **OTHERS**

48. Provisions shall be made for the housing of construction labour within the site with all necessary infrastructure and facilities such as fuel for cooking, mobile toilets, mobile STP, safe drinking water, medical health care, creche etc. The housing may be in the form of temporary structures to be removed after the completion of the project.
49. A First Aid Room shall be provided in the project both during construction and operations of the project.
50. The company shall draw up and implement corporate social Responsibility plan as per the Company's Act of 2013.
51. As per the MoEF&CC, Govt. of India Office Memorandum F.No.22-65/2017-IA.III dated 1st May 2018, the project proponent is required to prepare and implement Corporate Environment Responsibility (CER) Plan. As per para 6(II) of the said O.M. appropriate funds shall be earmarked for the activities such as infrastructure creation for drinking water supply, sanitation, health, education, skill development, roads, cross drains, electrification including solar power, solid waste management facilities, scientific support and awareness to local farmers to increase yield of crop and fodder, rain water harvesting, soil moisture conservation works, avenue plantation, plantation in community areas etc. The activities proposed under CER shall be restricted to the affected area around the project. The entire activities proposed under the CER shall be treated as project and shall be monitored. The monitoring report shall be submitted to the regional office as a part of half yearly compliance report, and to the District Collector. It should be posted on the website of the project proponent.

#### **PART B – GENERAL CONDITIONS**

1. A copy of the Environmental Clearance letter shall also be displayed on the website of the concerned State Pollution Control Board. The EC letter shall also be displayed at the Regional Office, District Industries centre and Collector's Office/ Tehsildar's office for 30 days.
2. The funds earmarked for environmental protection measures shall be kept in separate account and shall not be diverted for other purpose. Year-wise expenditure shall be reported to the SEIAA, Odisha and MoEF&CC, Govt. of India and its concerned Regional Office.
3. Officials from the Regional Office of MoEF&CC, Bhubaneswar who would be monitoring the implementation of environmental safeguards should be given full cooperation, facilities and documents/data by the project proponents during their inspection.
4. In the case of any change(s) in the scope of the project, the project would require a fresh appraisal by the SEIAA, Odisha.



5. The SEIAA, Odisha reserves the right to add additional safeguard measures subsequently, if found necessary, and to take action including revoking of the environment clearance under the provisions of the Environmental (Protection) Act, 1986, to ensure effective implementation of the suggested safeguard measures in a time bound and satisfactory manner.
6. All other statutory clearances such as the approvals for storage of diesel from Chief Controller of Explosives, Fire Department, Civil Aviation Department, the Forest Conservation Act, 1980 and the Wildlife (Protection) Act, 1972 etc. shall be obtained, as applicable by project proponents from the respective competent authorities.
7. These stipulations would be enforced among others under the provisions of the Water (Prevention and Control of Pollution) Act, 1974, the Air (Prevention and Control of Pollution) Act 1981, the Environment (Protection) Act, 1986, the Public Liability (Insurance) Act, 1991 and the EIA Notification, 2006.
8. The project proponent shall advertise in at least two local Newspapers widely circulated in the region, one of which shall be in the vernacular language informing that the project has been accorded Environmental Clearance and copies of clearance letters are available with the State Pollution Control Board and may also be seen on the website of the SEIAA, Odisha. The advertisement shall be made within Seven days from the date of receipt of the Clearance letter and a copy of the same shall be forwarded to the Regional Office of MoEF&CC, Bhubaneswar.
9. Any appeal against this clearance shall lie with the National Green Tribunal, if preferred, within a period of 30 days as prescribed under Section 16 of the National Green Tribunal Act, 2010.
10. A copy of the clearance letter shall be sent by the proponent to concerned Panchayat, Zilla Parisad / Municipal Corporation, Urban Local Body and the Local NGO, if any, from whom suggestions/ representations, if any, were received while processing the proposal. The clearance letter shall also be put on the website of the company by the proponent.
11. The proponent shall submit/upload six monthly reports on the status of compliance of the stipulated Environmental Clearance conditions, including results of monitored data on their website and shall update the same periodically. It shall simultaneously be sent to the Regional Office of MoEF&CC, Govt. of India, the respective Zonal Office of CPCB and the SPCB. The criteria pollutant levels namely; SPM, RSPM, SO<sub>2</sub>, NO<sub>x</sub> (ambient levels as well as stack emissions) or critical sectoral parameters, indicated for the project shall be monitored and displayed at a convenient location near the main gate of the company in the public domain.
12. The environmental statement for each financial year ending 31<sup>st</sup> March in Form-V as is mandated to be submitted by the project proponent to the concerned State Pollution Control Board as prescribed under the Environment (Protection) Rules, 1986, as amended subsequently, shall also be put on the website of the company along with the status of compliance of EC conditions and shall also be sent to the respective Regional Offices of MoEF&CC, Govt. of India by E-mail.



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**TERMS OF REFERENCE (ToR) FOR CONDUCTING ENVIRONMENT IMPACT ASSESSMENT STUDY AND INFORMATION TO BE INCLUDED IN EIA/EMP REPORT FOR BANKIA QUARTZ AND GEMSTONES MINES OVER AN MINING LEASE AREA OF 21.092 HA AT VILLAGE - BANKIA, TAHASIL- BIRAMAHARAJPUR, DIST-SONEPUR, ODISHA OF M/S MANIKESWARI MINERALS (TOR).**

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**A. STANDARD TOR FOR MINING PROJECT**

1. The Environmental Clearance will not be operational till such time the Project Proponent complies with all the statutory requirements and judgment of Hon'ble Supreme Court dated the 2nd August 2017 in Writ Petition (Civil) No. 114 of 2014 in the matter of Common Cause versus Union of India and Ors..
2. Department of Mining & Geology, State Government shall ensure that mining operation shall not commence till the entire compensation levied, for illegal mining paid by the Project Proponent through their respective Department of Mining & Geology in strict compliance of judgment of Hon'ble Supreme Court dated the 2nd August 2017 in Writ Petition (Civil) No. 114 of 2014 in the matter of Common Cause versus Union of India and Ors.
3. Year-wise production details since 1994 should be given, clearly stating the highest production achieved in any one year prior to 1994. It may also be categorically informed whether there had been any increase in production after the EIA Notification 1994 came into force, w.r.t. the highest production achieved prior to 1994.
4. A copy of the document in support of the fact that the Proponent is the rightful lessee of the mine should be given.
5. All documents including approved mine plan, EIA and Public Hearing should be compatible with one another in terms of the mine lease area, production levels, waste generation and its management, mining technology etc. and should be in the name of the lessee.
6. All corner coordinates of the mine lease area, superimposed on a High Resolution Imagery/toposheet, topographic sheet, geomorphology and geology of the area should be provided. Such an Imagery of the proposed area should clearly show the land use and other ecological features of the study area (core and buffer zone).
7. Information should be provided in Survey of India Toposheet in 1:50,000 scale indicating geological map of the area, geomorphology of land forms of the area, existing minerals and mining history of the area, important water bodies, streams and rivers and soil characteristics.
8. Details about the land proposed for mining activities should be given with information as to whether mining conforms to the land use policy of the State; land diversion for mining should have approval from State land use board or the concerned authority.
9. It should be clearly stated whether the proponent Company has a well laid down Environment Policy approved by its Board of Directors? If so, it may be spelt out in the EIA Report with description of the prescribed operating process/procedures to bring into focus any infringement/deviation/violation of the environmental or forest norms/ conditions? The hierarchical system or administrative order of the Company to deal with the environmental issues and for ensuring compliance with the EC conditions may also be given. The system of reporting of non-compliances / violations of environmental norms to the Board of Directors of the Company and/or shareholders or stakeholders at large, may also be

  
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detailed in the proposed safeguard measures in each case should also be provided.

10. The study area will comprise of 10 km zone around the mine lease from lease periphery and the data contained in the EIA such as waste generation etc. should be for the life of the mine / lease period.
11. Land use of the study area delineating forest area, agricultural land, grazing land, wildlife sanctuary, national park, migratory routes of fauna, water bodies, human settlements and other ecological features should be indicated. Land use plan of the mine lease area should be prepared to encompass preoperational, operational and post operational phases and submitted. Impact, if any, of change of land use should be given.
12. Details of the land for any Over Burden Dumps outside the mine lease, such as extent of land area, distance from mine lease, its land use, R&R issues, if any, should be given.
13. A Certificate from the Competent Authority in the State Forest Department should be provided, confirming the involvement of forest land, if any, in the project area. In the event of any contrary claim by the Project Proponent regarding the status of forests, the site may be inspected by the State Forest Department along with the Regional Office of the Ministry to ascertain the status of forests, based on which, the Certificate in this regard as mentioned above be issued. In all such cases, it would be desirable for representative of the State Forest Department to assist the Expert Appraisal Committees.
14. Status of forestry clearance for the broken up area and virgin forestland involved in the Project including deposition of net present value (NPV) and compensatory afforestation (CA) should be indicated. A copy of the forestry clearance should also be furnished.
15. Implementation status of recognition of forest rights under the Scheduled Tribes and other Traditional Forest Dwellers (Recognition of Forest Rights) Act, 2006 should be indicated.
16. The vegetation in the RF / PF areas in the study area, with necessary details, should be given.
17. A study shall be got done to ascertain the impact of the Mining Project on wildlife of the study area and details furnished. Impact of the project on the wildlife in the surrounding and any other protected area and accordingly, detailed mitigative measures required, should be worked out with cost implications and submitted.
18. Location of National Parks, Sanctuaries, Biosphere Reserves, Wildlife Corridors, Ramsar site Tiger/Elephant Reserves/(existing as well as proposed), if any, within 10 km of the mine lease should be clearly indicated, supported by a location map duly authenticated by Chief Wildlife Warden. Necessary clearance, as may be applicable to such projects due to proximity of the ecologically sensitive areas as mentioned above, should be obtained from the Standing Committee of National Board of Wildlife and copy furnished.
19. A detailed biological study of the study area [core zone and buffer zone (10 km radius of the periphery of the mine lease)] shall be carried out. Details of flora and fauna, endangered, endemic and RET Species duly authenticated, separately for core and buffer zone should be furnished based on such primary field survey, clearly indicating the Schedule of the fauna present. In case of any scheduled-I fauna found in the study area, the necessary plan alongwith budgetary provisions for their conservation should be prepared in consultation with State Forest and Wildlife Department and details furnished. Necessary allocation of funds for implementing the same should be made as part of the project cost.

  
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20. Proximity to Areas declared as 'Critically Polluted' or the Project areas likely to come under the 'Aravali Range', (attracting court restrictions for mining operations), should also be indicated and where so required, clearance certifications from the prescribed Authorities, such as the SPCB or State Mining Dept. Should be secured and furnished to the effect that the proposed mining activities could be considered.
21. Similarly, for coastal Projects, A CRZ map duly authenticated by one of the authorized agencies demarcating LTL, HTL, CRZ area, location of the mine lease w.r.t CRZ, coastal features such as mangroves, if any, should be furnished. (Note: The Mining Projects falling under CRZ would also need to obtain approval of the concerned Coastal Zone Management Authority).
22. R&R Plan/compensation details for the Project Affected People (PAP) should be furnished. While preparing the R&R Plan, the relevant State/National Rehabilitation & Resettlement Policy should be kept in view. In respect of SCs/STs and other weaker sections of the society in the study area, a need based sample survey, family-wise, should be undertaken to assess their requirements, and action programmes prepared and submitted accordingly, integrating the sectoral programmes of line departments of the State Government. It may be clearly brought out whether the village(s) located in the mine (lease area) will be shifted or not. The issues relating to shifting of village(s) including their R&R and socio-economic aspects should be discussed in the Report.
23. One season (non-monsoon) [i.e. March - May (Summer Season); October - December (post monsoon season) ; December - February (winter season)] primary baseline data on ambient air quality as per CPCB Notification of 2009, water quality, noise level, soil and flora and fauna shall be collected and the AAQ and other data so compiled presented date-wise in the EIA and EMP Report. Site-specific meteorological data should also be collected. The location of the monitoring stations should be such as to represent whole of the study area and justified keeping in view the pre-dominant downwind direction and location of sensitive receptors. There should be at least one monitoring station within 500 m of the mine lease in the pre-dominant downwind direction. The mineralogical composition of  $PM_{10}$ , particularly for free silica, should be given.
24. Air quality modelling should be carried out for prediction of impact of the project on the air quality of the area. It should also take into account the impact of movement of vehicles for transportation of mineral. The details of the model used and input parameters used for modelling should be provided. The air quality contours may be shown on a location map clearly indicating the location of the site, location of sensitive receptors, if any, and the habitation. The wind roses showing pre-dominant wind direction may also be indicated on the map.
25. The water requirement for the Project, its availability and source should be furnished. A detailed water balance should also be provided. Fresh water requirement for the Project should be indicated.
26. Necessary clearance from the Competent Authority for drawl of requisite quantity of water for the Project should be provided.
27. Description of water conservation measures proposed to be adopted in the Project should be given. Details of rainwater harvesting proposed in the Project, if any, should be provided.
28. Impact of the Project on the water quality, both surface and groundwater, should be

  
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assessed and necessary safeguard measures, if any required, should be provided.

29. Based on actual monitored data, it may clearly be shown whether working will intersect groundwater. Necessary data and documentation in this regard may be provided. In case the working will intersect groundwater table, a detailed Hydro Geological Study should be undertaken and Report furnished. The Report inter- alia, shall include details of the aquifers present and impact of mining activities on these aquifers. Necessary permission from Central Ground Water Authority for working below ground water and for pumping of ground water should also be obtained and copy furnished.
30. Details of any stream, seasonal or otherwise, passing through the lease area and modification / diversion proposed, if any, and the impact of the same on the hydrology should be.
31. Information on site elevation, working depth, groundwater table etc. Should be provided both in AMSL and BGL. A schematic diagram may also be provided for the same.
32. A time bound Progressive Greenbelt Development Plan shall be prepared in a tabular form (indicating the linear and quantitative coverage, plant species and time frame) and submitted, keeping in mind, the same will have to be executed up front on commencement of the Project. Phase-wise plan of plantation and compensatory afforestation should be charted clearly indicating the area to be covered under plantation and the species to be planted. The details of plantation already done should be given. The plant species selected for green belt should have greater ecological value and should be of good utility value to the local population with emphasis on local and native species and the species which are tolerant to pollution.
33. Impact on local transport infrastructure due to the Project should be indicated. Projected increase in truck traffic as a result of the Project in the present road network (including those outside the Project area) should be worked out, indicating whether it is capable of handling the incremental load. Arrangement for improving the infrastructure, if contemplated (including action to be taken by other agencies such as State Government) should be covered. Project Proponent shall conduct Impact of Transportation study as per Indian Road Congress Guidelines.
34. Details of the onsite shelter and facilities to be provided to the mine workers should be included in the EIA Report.
35. Conceptual post mining land use and Reclamation and Restoration of mined out areas (with plans and with adequate number of sections) should be given in the EIA report.
36. Occupational Health impacts of the Project should be anticipated and the proposed preventive measures spelt out in detail. Details of pre-placement medical examination and periodical medical examination schedules should be incorporated in the EMP. The project specific occupational health mitigation measures with required facilities proposed in the mining area may be detailed.
37. Public health implications of the Project and related activities for the population in the impact zone should be systematically evaluated and the proposed remedial measures should be detailed along with budgetary allocations.
38. Measures of socio economic significance and influence to the local community proposed to be provided by the Project Proponent should be indicated. As far as possible, quantitative dimensions may be given with time frames for implementation.

  
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39. Detailed environmental management plan (EMP) to mitigate the environmental impacts which, should inter-alia include the impacts of change of land use, loss of agricultural and grazing land, if any, occupational health impacts besides other impacts specific to the proposed Project.
  40. Public Hearing points raised and commitment of the Project Proponent on the same along with time bound Action Plan with budgetary provisions to implement the same should be provided and also incorporated in the final EIA/EMP Report of the Project.
  41. Details of litigation pending against the project, if any, with direction /order passed by any Court of Law against the Project should be given.
  42. The cost of the Project (capital cost and recurring cost) as well as the cost towards implementation of EMP should be clearly spelt out.
  43. A Disaster management Plan shall be prepared and included in the EIA/EMP Report.
  44. Benefits of the Project if the Project is implemented should be spelt out. The benefits of the Project shall clearly indicate environmental, social, economic, employment potential, etc.
  45. The activities and budget earmarked for Corporate Environmental Responsibility (CER) shall be as per MoEF&CC, Govt. of India O.M No 22-65/2017-IA. II (M) dated 01.05.2018 and the action plan on the activities proposed under CER shall be submitted at the time of appraisal of the project included in the EIA/EMP Report.
  46. The Action Plan on the compliance of the recommendations of the CAG as per MoEF&CC, Govt. of India Circular No. J-11013/71/2016-IA.I (M), dated 25.10.2017 needs to be submitted at the time of appraisal of the project and included in the EIA/EMP Report.
  47. Compliance of the MoEF&CC, Govt. of India Office Memorandum No. F: 3-50/2017-IA.III (Pt.), dated 30.05.2018 on the judgement of Hon'ble Supreme Court, dated the 2nd August, 2017 in Writ Petition (Civil) No. 114 of 2014 in the matter of Common Cause versus Union of India needs to be submitted and included in the EIA/EMP Report.
- B.** Besides the above, the below mentioned general points are also to be followed:-
- a) All documents to be properly referenced with index and continuous page numbering.
  - b) Where data are presented in the Report especially in Tables, the period in which the data were collected and the sources should be indicated.
  - c) Project Proponent shall enclose all the analysis/testing reports of water, air, soil, noise etc. using the MoEF&CC/NABL accredited laboratories. All the original analysis/testing reports should be available during appraisal of the Project.
  - d) Where the documents provided are in a language other than English, an English translation should be provided.
  - e) The Questionnaire for environmental appraisal of mining projects as devised earlier by the Ministry shall also be filled and submitted.
  - f) While preparing the EIA report, the instructions for the Proponents and instructions for the Consultants issued by MoEF vide O.M. No. J-11013/41/2008- IA.II (I) dated 4th August, 2009, which are available on the website of this Ministry, should be followed.
  - g) Changes, if any made in the basic scope and project parameters (as submitted in Form-I and the PFR for securing the TOR) should be brought to the attention of MoEF&CC with reasons for such changes and permission should be sought, as the



TOR may also have to be altered. Post Public Hearing changes in structure and content of the draft EIA/EMP (other than modifications arising out of the P.H. process) will entail conducting the PH again with the revised documentation.

- h) As per the circular no. J-11011/618/2010-IA.II (I) dated 30.5.2012, certified report of the status of compliance of the conditions stipulated in the environment clearance for the existing operations of the project, should be obtained from the Regional Office of Ministry of Environment, Forest and Climate Change, as may be applicable.
  - i) The EIA report should also include (i) surface plan of the area indicating contours of main topographic features, drainage and mining area,(ii) geological maps and sections and (iii) Sections of the mine pit and external dumps, if any, clearly showing the land features of the adjoining area.
- C. **The prescribed TOR would be valid for a period of three years for submission of the EIA/EMP report, as per the O.M. No. J-11013/41/2006-IA.II (I) (Part) dated 29.08.2017.**

**CONDITIONS TO BE STIPULATED IN ENVIRONMENTAL CLEARANCE FOR PROPOSED CONSTRUCTION OF 500 BEDDED TEACHING HOSPITAL BUILDING FOR THE GOVERNMENT MEDICAL COLLEGE AND HOSPITAL, KALAHANDI (KHATA NO - 137) AT BHANGABARI, BHAWANIPATNA, DISTRICT – KALAHANDI WITH TOTAL BUILT UP AREA - 36,834.53 SQM. OF CHIEF DISTRICT MEDICAL & PUBLIC HEALTH OFFICER, SMT. BANALATA DEVI (EC).**

**I. SPECIFIC CONDITIONS:**

**A. CONSTRUCTION PHASE:**

1. Construction site should be adequately barricaded before the construction begins.
2. Installation of dual pipe plumbing for supplying fresh water for drinking, cooking and bathing etc. and other for supply of recycled water for flushing, landscape irrigation, car washing, thermal cooling, conditioning etc. shall be done.
3. Water demand during construction should be reduced by use of pre-mixed concrete, curing agents and other best practices referred.
4. Any hazardous waste generated during construction phase, should be disposed off as per applicable rules and norms with necessary approvals of the State Pollution Control Board.
5. No ground water shall be extracted for the project work at any stage during the construction phase. If ground water will be used during construction phase, they shall obtain permission from the Water Resource Department, Govt. of Odisha.
6. Considering the peak water consumption of the occupants, the design of the water supply system and the sewage disposal system of the project should be based on the provisions of water consumption.
7. The proponent shall explore the possibility to use the municipality supply water instead of ground water.
8. The proponent shall maintain the natural pond within the project site and use the same for rainwater harvesting purpose.
9. Provision shall be made for the housing of construction labourers within the site with all necessary infrastructure and facilities such as fuel for cooking, mobile toilets, mobile STP, safe drinking water, medical health care, crèche etc. The housing may be in the form of temporary structures to be removed after the completion of the project.
10. A First-Aid room will be provided in the project site both during construction and operation of the project.
11. All the top soil excavated during construction activities should be stored separately for use in land filling, horticulture/landscape development within the project site.
12. Disposal of muck during construction phase should not create any adverse effect on the neighboring communities and will be disposed off taking the necessary precautions for general safety and health aspects of people only in approved sites with the approval of competent authority.
13. Construction spoils, including bituminous material and other hazardous materials should not be allowed to contaminate watercourses, ground water and dump sites by following safe dumping / disposal practice as per statutory rules and norms with necessary approval of the Odisha State Pollution Control Board.



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14. The fuel for diesel generator sets to be used during construction phase shall use low sulfur diesel fuel and should conform to Environment (Protection) Rules 1986 prescribed for air emission and noise standards.
15. The diesel required for operating DG sets shall be stored in underground tanks and, if required, clearance from the Chief Controller of Explosives shall be taken.
16. Vehicles used for bringing construction materials to the site should be in good condition and should have a pollution check certificate, covered and conform to statutory air and noise emission standards and should be operated only during non-peak hours of the day.
17. Ambient noise levels should conform to residential standards both during day and night. Incremental pollution loads on the ambient air and noise quality should be closely monitored during construction phase. Adequate measures should be taken to reduce ambient air and noise level during construction phase, so as to conform to the stipulated standards by CPCB/OPCB.
18. Fly ash bricks should be used as building material in the construction as per the provisions of Fly Ash Notification of September, 1999 and as amended thereafter.
19. Ready mixed concrete would be used in building construction.
20. Storm water control and its re-use should be as per CGWB and BIS standards for these applications.
21. Fixtures for showers, toilet flushing and drinking water should be of low flow type and restricted to requirements by use of aerators, avoiding wastage pressure reducing devices or sensor based controls.
22. Use of glass may be maximum upto 40% of total outer wall area to reduce the energy consumption and load on air-conditioning. If necessary, high quality double glass with special reflective coating may be used in the windows.
23. Roof should meet the prescribed requirement as per Energy Conservation Building Code by using appropriate thermal insulation material.
24. Opaque wall should meet prescriptive requirements as per Energy Conservation Building Code.
25. The approval of the competent authority shall be obtained for structural safety of the buildings due to earthquake, adequacy of firefighting equipments etc. as per National Building Code of India, 2005 including protection measures from lightning etc.
26. Regular supervision of the above and other measures for monitoring should be in place all through the construction phase to avoid disturbances and pollution to the surroundings.

**B. OPERATION PHASE:**

1. Fresh water requirement shall not exceed 472 m<sup>3</sup>/day
2. The quantity of fresh water usage, water recycling and rainwater harvesting shall be measured and recorded to monitor the water balance as projected by the project proponent. The record shall be submitted to the SEIAA, Odisha and the Regional Office, MoEF&CC along with six monthly Monitoring reports.
3. The local bye-law provisions on rain water harvesting should be followed. If local bye-law provision is not available, adequate provision for storage and recharge should be followed as per the Ministry of Urban Development Model Building Byelaws, 2016. Rain water harvesting recharge pits of adequate nos. shall be provided.

  
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4. Solid waste shall be collected, treated and disposed in accordance with the Solid Waste (Management & Handling) Rules, 2016.
5. Solid waste shall be segregated into biodegradable, recyclable and inert category. Biodegradable waste shall be composted indigenously in Organic Waste Converter and the other waste categories shall be disposed suitably.
6. Bio-medical waste shall be collected, treated and disposed in accordance with Bio-medical Waste Management Rules, 2016.
7. No ground water shall be used during the operation phase. If ground water will be used during operation phase, they shall obtain permission from the Water Resources Department.
8. The proponent shall install an Effluent Treatment Plant (ETP) for treatment of effluent from different sources of hospital. The treated water from the ETP shall be neutralized for public health prior to other treatment processes.
9. Treatment of 100% grey water by decentralized treatment should be done. Treated waste water from STP of 350 KLD capacity shall be recycled / reused to the maximum extent possible. Discharge of unused treated waste water shall conform to the norms and standards of the Odisha State Pollution Control Board. Necessary measures should be taken to mitigate the odour problem from STP.
10. The STP sludge should not be dried nor incinerated within the project site and should be disposed off as per the norms of SPCB, Odisha.
11. The STP must treat all kinds of pollutants present in it and its capacity should take into account the entire load of sewage generated from the hospital.
12. The project proponent will ensure that under no circumstances, the environment is polluted due to non-functioning / under performance of sewerage disposal system of the project.
13. Diesel power generating sets proposed as source of back-up power for lifts elevators and common area illumination during operation phase should be of enclosed type and conform to Environment Protection (EP) rules 1986. The height of the stack of DG sets should be equal to the height needed for the combined capacity of all proposed DG sets put together and should be more than the highest building height. Low sulfur diesel should be used. The location of the DG sets may be decided in consultation with Odisha State Pollution Control Board. Care may be taken to avoid disposal of smoke /pollutants from DG sets in the residential area. Low sulfur diesel oil (LDO or HSD) is to be used in DG set.
14. Noise should be controlled to ensure that it does not exceed the prescribed standards. During night time, the noise levels measured at the boundary of the sites shall be restricted to the permissible levels to comply with the prevalent regulations.
15. Green-belt & avenue plantation of trees over the area of 7932.35 m<sup>2</sup> (23.98 % of total plot area) shall be done using native tree species/shrubs improving greenery & keeping in view aesthetics considerations in the whole complex. Professional landscape architects should be engaged to design the green layout to provide for multi-tier plantation and green fencing all around, mitigating various environmental pollutants like dust, noise, emissions etc.
16. Weep holes in the compound walls shall be provided to ensure natural drainage of excessive rain water in the project area during the monsoon period after the harvesting operations. Care must be taken so that there is no water logging in the territory and drainage is 100%.
17. Traffic congestion near the entry and exit points from the roads adjoining the proposed project site must be avoided. Traffic congestion shall be avoided inside the project site. The

  
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area ear- marked for parking shall not be used for any other purpose. Alternate entry and exit must be provided to handle excess traffic and emergency situations.

18. A report on the energy conservation measures conforming to energy conservation norms finalized by the Bureau of Energy Efficiency should be prepared incorporating details about building materials & technology, R& U Factors etc. and submitted to the SEIAA, Odisha in three months' time before operation/ habitation.
19. The proponent shall use atleast 5% of non-conventional energy (solar energy).
20. Central lighting and street lighting shall be based on solar power. Provisions of solar hot water storage / supplies at the roof top may be made as per statutory norms of CPCB/MoEF&CC/SPCB, Odisha.
21. Energy conservation measures like installation of LED for lighting the areas outside the building should be integral part of the project design and should be in place before project commissioning. Discarded bulbs should be properly collected and disposed off/sent for recycling as per the prevailing guidelines/ rules of the regulatory authority to avoid toxic contamination. Use of solar panels be adopted to the maximum extent possible, especially for street lights.

## II. GENERAL CONDITIONS:

1. The project proponent shall comply with all the conditions stipulated in the building approval letter.
2. The applicant (Project proponent) will take necessary measures for prevention, control and mitigation of Air Pollution, Water Pollution, Noise Pollution and Land Pollution including solid waste management as mentioned by them in Form-1, Form-1A, and Environment Management Plan (EMP) in compliance with the prescribed statutory norms and standards.
3. The applicant will take statutory clearance / approval / permissions from the concerned authorities in respect of the project as and when required.
4. The applicant will submit half-yearly compliance report on post-environmental monitoring in respect of the stipulated terms and conditions in the Environmental Clearance to the State Environmental Impact Assessment Authority (SEIAA), Odisha, on 1st June and 1st December of each calendar year.
5. The project proponent shall comply to all the conditions stipulated by the Fire Prevention Officer, Odisha.
6. The applicant will adopt the prescribed norms, and standards provided in the National Building Code of India, 2005.
7. A copy of the environmental clearance letter shall also be displayed on the website of the concerned State Pollution Control Board. The EC letter shall also be displayed at the Regional office, District Industries Centre and Collector's Office / Tehsildar's Office for 30 days.
8. The funds earmarked for environmental protection measures shall be kept in separate account and shall not be diverted for other purpose. Year-wise expenditure shall be reported to the SEIAA, Odisha.
9. Officials from the Regional Office of MoEF&CC, Bhubaneswar would be monitoring the implementation of environmental safeguards should be given full cooperation, facilities and documents/data by the project proponents during their inspection. A complete set of all



entire document submitted to SEIAA, Odisha should be forwarded to the Regional Office of MOEF&CC, Bhubaneswar.

10. In the case of any change(s) in the scope of the project, the project would require a fresh appraisal by the SEIAA, Odisha.
11. The SEIAA, Odisha reserves the right to add additional safeguard measures subsequently, if found necessary, and to take action including revoking of the environment clearance under the provisions of the Environmental (Protection) Act, 1986, to ensure effective implementation of the suggested safeguard measures in a time bound and satisfactory manner.
12. All other statutory clearances shall be obtained, as applicable by project proponents from the respective competent authorities.
13. These stipulations would be enforced among others under the provisions of Water (Prevention and Control of Pollution) Act, 1974, the Air (Prevention and Control of Pollution) act 1981, the Environment (Protection) Act, 1986, the Public Liability (Insurance) Act, 1991 and EIA Notification, 2006.
14. The project proponent should advertise in at least two local Newspapers widely circulated in the region, one of which shall be in the vernacular language informing that the project has been accorded Environmental clearance and project has been accorded Environmental Clearance and copies of clearance letters are available with the state Pollution Control Board and may also be seen on the website of the SEIAA, Odisha. The advertisement should be made within Seven days from the date of receipt of the Clearance letter and a copy of the same should be forwarded to the Regional Office of MoEF&CC, Govt. of India at Bhubaneswar.
15. A copy of the clearance letter shall be sent by the proponent to concerned Panchayat, Zilla Parisad/Municipal Corporation, Urban Local Body and the Local NGO, if any, from whom suggestions/ representations, if any, were received while processing the proposal, the clearance letter shall also be put on the website of the company the proponent.
16. The proponents shall upload the status of compliance of the stipulated EC conditions, including results of monitored data on their website and shall update the same periodically. It shall simultaneously be sent to the Regional Offices of MoEF&CC, Bhubaneswar the respective Zonal Office of CPCB and the SPCB. The criteria pollutant levels namely; PM<sub>10</sub>, PM<sub>2.5</sub>, SO<sub>2</sub>, NO<sub>x</sub> (ambient levels as well as stack emissions) or critical sectoral parameters, indicated for the projects shall be monitored and displayed at a convenient location near the main gate of the company in the public domain.
17. Any appeal against this clearance shall lie with the National Green Tribunal, if preferred, within a period of 30 days as prescribed under Section 16 of the National Green Tribunal Act, 2010.
18. The above mentioned stipulated conditions shall be complied in a time-bound manner. Failure to comply with any of the conditions mentioned above may result in cancellation of this environmental clearance and attract action under the provisions of Environment (Protection) Act, 1986.

  
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