

22nd meeting of Expert Appraisal Committee for the proposals involving violation of EIA Notification, 2006 to be held on 21st-22nd May, 2019 at Conference Hall (Brahmaputra), First Floor, Vayu Wing, Ministry of Environment, Forest and Climate Change, Indira Paryavaran Bhawan, Jor Bagh Road, New Delhi - 110 003

Day 1: 21st May, 2019

Time: 10:00 AM

22.1. Opening remarks of the Chairman

22.2. Confirmation of the minutes of the 21st meeting held on 15th-16th April, 2019 at Indira Paryavaran Bhawan, Jor Bagh Road, New Delhi

Commercial building project at Plot No. M-1, Village Samaspur, Bindapur, Sector-51, Mayfield Garden, Gurgaon, Haryana by M/s Sunvision Builders Pvt. Ltd. - Further consideration for Environmental Clearance [IA/HR/MIS/84395/2017 dated 02.11.2018] [F. No. 23-280/2018-IA.III (V)]

“Under para no. 21.3.2.5, specific EC condition nos. 14 &15 shall be deleted as these are already covered in standard conditions applicable for such projects”.

22.3. Consideration of proposals

S.No.	Proposals
22.3.1	Expansion of Artemis Hospital located at Sector-51, Gurgaon, Haryana by M/s Artemis Medicare Services Ltd. - Further consideration for Environmental Clearance [IA/HR/MIS/84185/2007]dated 01.11.2018, [F. No. 23-279/2018-IA.III (V)]
22.3.1.1	M/s Artemis Medicare Services Ltd. has made online application vide proposal no. IA/HR/MIS/84185/2007, dated 01.11.2018 seeking Environmental Clearance for the above mentioned proposed project. The proposed project activity is covered under ‘B’ category of item 8(a) of the Schedule to the EIA Notification, 2006 and the proposal was appraised at Central level because of SEIAA Haryana tenure is completed.
22.3.1.2	Details of the project as per the submission of project proponent: i. The proposed project is an Expansion of Artemis Hospital” at Sector-51, Gurugram, Haryana which is being developed by M/s Artemis Medicare Services Limited . The total plot area of the project site is 33,588.908 m ² having Built-up area after expansion of 67,444.652 m ² . The land has been allotted by HUDA to M/s Artemis Medicare Services Pvt. Ltd. by Memo No.- 83, dated 15.02.2006. ii. The Project had already been granted the Environmental Clearance vide letter no. 21-292/2007-IA.III dated 19.07.2007 for plot area 33,958.90 m ² and built-

up area of 27,354.0 m² for development of hospital. Now it is an operational hospital.

- iii. As per new planning, total built-up area after expansion will be 67,444.652 m² for which PP had earlier applied for Environment clearance for expansion of the project in SEIAA, Haryana on 05-04-2017. Meanwhile, we had already started construction before the grant of Environmental Clearance for expansion, hence violating EIA Notification 2006.
- iv. As per notification no. S.O.804(E) dated 14.03.2017 & notification vide S.O. 1030(E) dated 14.03.2017 dated 8th March 2018 we had applied for grant of Terms of Reference under violation cases & category 'B'. The Terms of Reference (TOR) was granted by SEIAA, Haryana vide letter no. SEIAA/HR/2018/829 on 26.07.2018.
- v. Since, the tenure of Haryana has completed, we have again submitted the EIA Report in MoEF&CC on 1.11.2018. The case was appraised in the 15th EAC meeting for the proposal involving violation of EIA Notification, 2006 on 29.11.2018. Few queries were raised, the reply of which was submitted to MoEF&CC on 15.04.2019. Now, the case is enlisted in the 22nd EAC Meeting for the violation of EIA Notification, 2006 scheduled on 21.05.2019.
- vi. The construction status is given below:-

STATUS OF CONSTRUCTION: -

S. No.	DESCRIPTION	TOWER II	TOWER III
1.	Excavation work	Completed	Not yet done
2.	Foundation	Completed	Not yet done
3.	RCC work	Completed	Not yet done
4.	Masonry work	40%	Not yet done
5.	Roofs	95%	Not yet done
6.	Timber work (Door and windows)	Not yet done	Not yet done
7.	Piping of water & sewage	15%	Not yet done
8.	Drainage System	Not yet done	Not yet done
9.	Sewage Treatment Plant	Not yet done	Not yet done
10.	Rainwater Harvesting	Not yet done	Not yet done
11.	Plantation	Not yet done	Not yet done
12.	Roads	Not yet done	Not yet done
13.	Installation of Electrical & mechanical items & fire	Not yet done	Not yet done
14.	Plastering	25%	Not yet done
15.	Bathroom fitting & plumbing work	7%	Not yet done

16.	Flooring	Not yet done	Not yet done
17.	Painting and exteriors	Not yet done	Not yet done

vii. The total plot area is 33,588.908 m², FAR area after expansion will be 49913.526 m² and total Built-up area of hospital after expansion will be 67444.652 m². The project comprises of Five Towers. Maximum height of the building is 27.5 m.

viii. During construction phase, total water requirement is expected to be 24KLD which has been met by Tanker Supply. During the construction phase, temporary sanitary toilets have been provided during peak labor force. 10 KLD of waste water generated from the construction site will be disposed off to septic tanks.

ix. Total water requirement of the existing operational part of the hospital is 483 KLD. Fresh water requirement is 333 KLD which is met by HUDA Supply/Borewell and same shall be followed for expansion part. 280 KLD is the treated water reuse. Wastewater generation from the complex is 294 KLD which is being treated in STP & ETP of capacity 325 KLD and 25 KLD respectively. Total water requirement after expansion will be estimated to be 1104 KLD for the project & will be met by HUDA supply/Borewell and waste water generation will be 637 KLD generated from domestic use and Lab, which will be treated in STP of 325 & 400 KLD and ETP of 25 KLD and 45 KLD. Treated water of 514 KLD will be reused for flushing, gardening, DG Cooling & filter backwash. 38 KLD of treated water shall be discharged to sewer. 53 KLD of excess treated water from ETP shall be discharged to sewer line. Total 6 no of Rain Water Harvesting Pits (Existing-5, Proposed-1) shall be installed after expansion.

x. The Solid waste generation in the existing complex is 493 Kg/day. Biodegradable waste is sent to approved recycler who is responsible for final disposal. The Bio Medical waste being generated from the complex is given to approved recycler- M/s Vulcan Waste Management Pvt. Ltd and used oil of 27 lit/month being collected at isolated place and given to approved vendor of CPCB as per Hazardous & other Wastes (Management and Transboundary Movement) Rules, 2016.

After operation of the complex the total solid waste generation after expansion will be approximately 1930 Kg/day Out of which approx. 1351 Kg/day of Bio-Degradable waste shall be treated in OWC and convert the waste into manure. The compost shall be used in green area within the project premises & unused manure will be given to nearby nursery. 483 Kg/day of recyclable Waste & 96 Kg/day of plastic waste will be given to Authorized Vendor as per Plastic Waste Management Rules, 2016.

Biomedical waste generated from hospital will be 298 Kg/day which shall be handed over to authorized processor. Agreement with M/s Vulcan Waste Management Pvt. Ltd. has already been done for treatment and disposal of biomedical waste as per Biomedical Waste Management Rules, 2018 and used oil will be 77lit/month which shall be stored in leak proof drums and shall be given to approved recycler as per the Hazardous & other Wastes (Management and Transboundary Movement) Rules, 2016. E-waste generated from hospital will be

1-2 Kg/month which shall be handed over to approved recycler as per E-Waste Management Rules, 2016.

xi. The total power requirement during construction phase is being met by 2 x 125 kVA, 1 x 62.5 kVA & 1 x 40 kVA and total power requirement during operation phase is 4500 KW (existing: 3100 KW & Proposed: 1400 kW) and will be met from Uttar Haryana Bijli Vitran Nigam.

xii. Rooftop rainwater of buildings will be collected in 6 RWH pits (Existing- 5 no. and Proposed- 1 no.) for harvesting.

xiii. Parking facility for 668 ECS (Existing- 236 ECS and Proposed- 432 ECS) (four wheelers) is proposed to be provided against the requirement of 666 ECS.

xiv. Proposed energy saving measures would save about 1% of power.

xv. It is located within 10 km of Eco Sensitive areas (**Yes/No**)-No Eco Sensitive areas is present within 10 km of the project site.

xvi. NBWL Clearance is required: **Yes/No**- No.

xvii. Forest Clearance is required: **Yes/No**- No.

xviii. Court case pending against the project (**Yes/No**). No.

xix. Investment/Cost of the project is Rs. 399 (Crore).

xx. Employment potential- it will provide employment to 300-350 no of labor's during construction phase & 10963 number as IPD Beds, Day care Beds, Residential Service Quarters, In-patients, Residents & 2512 nos. as Staff & Employee. (Existing Population- 5569 no.)

xxi. Benefits of the project:-

Social Benefits:

- The proposed project has provided employment opportunities to 300-350 no of labours during construction phase.
- It has led to increase in the infrastructure of the area and encouraged others for further development of the area.
- The Hospital will boast some of the best medical care infrastructure in the country. It will render tertiary and specialized treatment to general population.
- The existing hospital also provide hostel facility for staff.
- There will be a wellness centre, where mental and medical healthcare professionals, nutritionists and life-coaches will provide a variety of treatments and services for the health of the clients' minds and bodies.
- Development of blood bank will never lead to shortage of blood in case of emergency.
- Medical facility is being extended for BPL and CGHS/ECHS.

Environmental Benefits:

	<ul style="list-style-type: none"> • Green area of 10,230.77 m²(30.45 % of plot area) will be developed after the proposed expansion of the project which will serve a positive influence toward the environment. • The construction and operation will promote a healthy environment for all involved, and it will not disrupt the land, water, resources and energy in and around the building. • Energy efficient building material during construction stage will help in the reduced impact on environment directly & indirectly. • Energy efficient measures to reduce the requirement during the operation stage shall be maintained which ultimately leads to lesser demands and reducing carbon footprints of the project making it eco-friendlier. • A well-designed waste management approach such as the different collection unit for wet & dry waste respectively, Bio medical waste handling to approved recycler and eco-friendly treatment approach i.e. OWC, Recycling etc will reduce the amount of waste that it sends to landfill. • Project is registered for a targeted Platinum Rating as per the IGBC norms. <p>Financial Benefits:</p> <ul style="list-style-type: none"> • Additional revenue generation to the will be provided after the proposed expansion of the existing hospital complex. • Major income source to an important section of society and also to the upcoming investors.
22.3.1.3	<p>Observations and recommendations of committee of 15th EAC meeting held on held on, 27th-29th November, 2018:</p> <p>The EAC after deliberation <i>deferred</i> the proposal for want of following information:</p> <ol style="list-style-type: none"> (i) Table indicating progressive construction right from beginning before issue of Environmental Clearance dated 19.07.2007 and the consumption of various construction materials including water and energy. (ii) Green belt as per MoEF&CC guidelines to be compensated in the green area. (iii) Latest certified compliance report from the Regional Office of the Ministry for the existing EC. (iv) A table indicating the Air, Water and Soil sampling stations with distances and directions as per the wind direction. (v) Detailed action plan for maintaining indoor air quality. (vi) Noise levels were exceeding the prescribed standard during the night time. A detailed action plan for the maintaining the noise quality should be submitted and a detailed action plan for reducing noise levels. (vii) Details of fauna in the buffer zone to be submitted. (viii) Baseline health survey in the core and buffer zone to be submitted.

	<ul style="list-style-type: none"> (ix) Details of primary health centers to be adopted. (x) A copy of Environmental Policy of the Hospital clearly stating that non-compliances relating to environment, if any, shall be reported to the Board of Directors. (xi) A dedicated Environment Management division with qualified Environmental Scientist/Engineer along with a requisite number of supporting staff, reporting to the Managing Director of the Hospital shall be established. (xii) Traffic analysis and the management for a radius of 5 km surrounding the project. (xiii) Environmental mitigation plan for the Impacts should be given in the separate chapter of EMP in the EIA report. (xiv) The effluent of laboratory and patient shall not be treated in ETP and not to be recycled. (xv) Arrangement with authorized recycler (MoU) for recyclable waste. (xvi) Provisions of Energy efficient motors as per ECBC 2017. (xvii) The damage assessment during the construction period. (xviii) LU/LC analysis of pre and post construction. (xix) The revised remediation and community and natural resource augmentation plan with budgetary provision to augment them in 3 years period shall be submitted as suggested by the committee in the meeting. (xx) Status of credible action taken against violation of EIA Notification, 2006. (xxi) Revised CER considering Greenfield project, since it is a violation case as per the MoEF&CC OM dated 01.05.2018. (xxii) Status of credible action taken against violation. (xxiii) Clarification regarding submission of EIA and EMP report to SEIAA Haryana on the same date of ToR was issued i.e. 26.07.2018.
22.3.1.4	<p>Observations and recommendations of Present EAC committee:</p> <p>PP along with the consultant submitted the additional information, as sought in the earlier meeting of EAC held on 27th-29th November, 2018 and made detailed presentation before the Committee. The Committee observed that PP has submitted Remediation plan and Natural and Community Resource Augmentation plan with a cost of Rs. 3, 07, 90,000/-.</p> <p>EAC also noted that Case (Case No. 29/2019) under section 15 read with section 19 of E(P) Act 1986 against M/s Artemis Medicare services Ltd has been filed in special Environment Court by the Haryana State Pollution Control Board.</p> <p>Based on the data presented and after detailed deliberations on the documents furnished by the project proponent, EAC sought following additional information from the PP:</p> <ol style="list-style-type: none"> 1. Committee observed that the impact on air index has to be revised. 2. In case of damage to water regime regarding the consumption of water by construction workers, the deficiency in rain water recharging, and the rain water harvesting was inadequate. According to revise the remediation regarding to damage of water regime as mentioned above.

3. Land: The utilization of top soil was inadequate against the total excavation of 30000 m³ and hence, revise the remediation plan due to damage in land environment.
4. To submit the benefits accrued due to violation including the savings in EMP cost.
5. To submit the justification for the CAPEX of 185 crores out of the total project cost of 399 crores which includes the cost of construction for the phase III expansion.
6. Action taken report for the non-compliance/ being complied conditions of EC as reported by the R.O to be submitted.

The PP has submitted the above requisite information along with revised amount of Rs. 3, 54, 90,000 /- for the remediation and natural & community resource augmentation plan before the Committee on 22.05.2019.

Hence, EAC, after detailed deliberations on the additional information submitted by the PP, **recommended** the proposal for **grant of Environmental Clearance** subject to the following specific conditions in addition to all standard conditions applicable for such projects:

- I. EAC recommended for an amount of Rs. 3,54,90,000/- towards Remediation plan and Natural and Community Resource Augmentation plan to be spend within a span of three years. The details are given below:

➤ **Cost of Remediation Plan**

S. No.	Particular	Remediation Budget (INR)
1	Air Environment	a) Distribution of Wayu purifier @ ₹ 60,000 for 30 units = ₹ 18,00,000 b) Maintenance of Wayu Purifier for 3 years @ 1500/month = ₹ 16,20,000 c) Distribution of Sprinkler system <ul style="list-style-type: none"> • Sprinkler @ Rs. 1000/per pc for 100 = ₹ 1,00,000 • Twin Filtration system@ Rs. 15000/pc for 3 units = ₹ 45,000 • Pump @ RS. 10000/pc for 3 units = ₹ 30,000 • Water Distributing Pipeline @ Rs 165/m for length of 3000 m = ₹ 4,95,000 d) Awareness Program for Health in Gurgaon Region = ₹ 12,50,000 e) Health check-up camp in nearby village = ₹ 15,00,000 f) Plantation and Maintenance of Plants in Nearby area road@ ₹ 1,500 for 1500 units = ₹ 22,50,000 Total Cost contributed towards Air Environment = ₹ 90,90,000
2.	Water Environment	a) Installation of Rain Water Harvesting Pits (Diameter 4 m & Depth- 4.5 m) in nearby village @₹ 3,00,000

		<p>per RWH pit (including raw material, labour, profit, construction, pipeline) for 20 units = ₹ 60,00,000</p> <p>b) Maintenance of Rainwater Harvesting Pit before monsoon and after monsoon for 3 year @ ₹ 5,000/year/RWH Pit for 20 units = ₹ 3,00,000</p> <p>c) Procurement of RO Plant(1000 LPH) @ ₹ 2,00,000 for 10 units = ₹ 20,00,000</p> <p>d) Awareness program on 5R (Refuse, Recycle, Reuse, Repurpose and Recycle) = ₹ 2,00,000</p> <p>e) Installation of RO plant @ ₹ 5,000 for 10 units = ₹ 50,000</p> <p>f) Maintenance of RO Plant for 3 years @ ₹ 10,000/year/ RO for 10 units = ₹ 3,00,000</p> <p>Total Cost to be contributed towards Water Environment= ₹ 88, 50,000</p>
3.	Waste Management	<p>a) Distribution of Organic Waste Converter in Nearby Panchayat @ ₹ 15,00,000 for 4 units = ₹ 60,00,000</p> <p>Total cost to be contributed towards Waste Management = ₹ 60,00,000</p>
4.	Noise Environment	<p>a) Distribution of PPE (Personal Protective Equipment) to labors @ ₹ 1,00,000/year for 3 years = ₹ 3,00,000</p> <p>b) Awareness program in nearby area for Noise @ ₹ 1,00,000/year for 3 years = ₹ 3,00,000</p> <p>Total cost to be contributed towards Noise Environment = ₹ 6,00,000</p>
5.	Land Environment/Biological Environment	<p>a) Development of Park (in Consideration with Panchayat, development of Panchayat Park) = ₹ 10,00,000</p> <p>b) Land reclamation of nearby area (Approx. 8194 sqm equivalent to ground coverage of super structure creates @ trenching Rs 45.85/sqm; uprooting weedRs 2.9/sqm; uprooting vegetation Rs 35.75/sqm; supply stacking of earth Rs 332.55/sqm; supply manure Rs 192.05/ sqm, grassing Rs 10.4/ sqm, Bed preparation Rs 130.25/ sqm, tree guard Rs 259/sqm, filling earth and sludge Rs 10.7/ sqm, anti-terminate treatment Rs 47.6/tree, plant of 500 trees @ 1500/tree other charges) = ₹ 20,00,000/-</p> <p>Total cost to be contributed towards Land Environment/Biological Environment = ₹ 30,00,000</p>

➤ **Year wise break up of Remediation Plan**

S. No.	Activity	YEAR-WISE IMPLEMENTATION BUDGET (INR)			Total Budget (INR)
		1 st Year	2 nd Year	3 rd Year	
1.	Air Environment	₹ 34,76,667	₹ 28,06,667	₹ 28,06,667	₹ 90,90,000
2.	Water Environment	₹ 30,70,000	₹ 28,65,000	₹ 27,65,000	₹ 88,50,000
5.	Waste Management	₹ 30,00,000	₹ 15,00,000	₹ 15,00,000	₹ 60,00,000

4.	Noise Environment	₹ 2,00,000	₹ 2,00,000	₹ 2,00,000	₹ 6,00,000
3.	Land/ Biological Environment	₹ 20,00,000	₹ 10,00,000	₹ 0	₹ 30,00,000
TOTAL BUDGET FOR REVISED REMEDIATION PLAN (INR)					₹ 2,75,40,000

➤ **Year wise breakup of Natural Resource and Community Welfare Augmentation Plan Budgetary Allocation**

S. No.	Aspect	Activity	YEAR-WISE IMPLEMENTATION BUDGET (INR)			Total Budget (INR)
			1 st Year	2 nd Year	3 rd Year	
1.	Natural Resource Augmentation	Providing Solar Lighting in the village and School (50kW solar Panel installation)	₹ 20,00,000	₹ 20,00,000	₹ 10,00,000	₹ 50,00,000
TOTAL BUDGET FOR NATURAL RESOURCE AUGMENTATION PLAN (INR)						₹ 50,00,000
1.	Community Welfare	Construction of sanitation facilities. (Provision of 10 number of toilets)	₹ 2,00,000	-	₹ 3,00,000	₹ 5,00,000
2.		Medical Check-up camp in nearby area (for labors)	₹ 3,00,000	-	₹ 3,00,000	₹ 6,00,000
3.		Installation of 10 RO plants (Drinking Facility)	₹ 7,00,000	₹ 7,00,000	-	₹ 14,00,000
4.		Provision of 15 Computers in the schools @ @ 30,000 each	₹ 2,25,000	₹ 2,25,000	-	₹ 4,50,000
TOTAL BUDGET FOR COMMUNITY WELFARE AUGMENTATION PLAN (INR)						₹ 29,50,000

➤ **Summary**

S. No.	PARTICULARS	PROPOSED BUDGET (INR)
1.	Remediation Plan	₹ 2,75,40,000
2.	Natural Resource Augmentation plan	₹ 50,00,000
3.	Community Resource Augmentation Plan	₹ 29,50,000
TOTAL BUDGET FOR REMEDIATION, NATURAL & COMMUNITY RESOURCE AUGMENTATION		₹ 3,54,90,000

	<p>II. Total budgetary provision with respect to Remediation plan and Natural & Community Resource Augmentation plan is Rs. Rs. 3, 54, 90,000 /-.</p> <p>III. Therefore, project proponent shall be required to submit a bank guarantee of an amount of Rs. 3, 54, 90,000 /- towards Remediation plan and Natural and Community Resource Augmentation plan with the SPCB prior to the grant of EC.</p> <p>IV. Remediation plan shall be completed in 3 years whereas bank guarantee shall be for 5 years. The bank guarantee shall be released after successful implementation of the EMP, followed by recommendations of the EAC and approval of the regulatory authority.</p> <p>V. Fund allocation for Corporate Environment Responsibility (CER) of Rs. 300/- lakhs to be implemented.</p> <p>VI. Approval/permission of the CGWA/SGWA shall be obtained before drawing ground water for the project activities, if applicable. State Pollution Control Board (SPCB) concerned shall not issue Consent to Operate (CTO) till the project proponent obtains such permission.</p> <p>VII. Effective air pollution mitigation plan submitted to the Ministry shall be implemented in toto.</p> <p>VIII. Project proponent shall take necessary other clearances/permissions under various Acts and Rules if any, from the respective authorities / department.</p> <p>IX. PP shall implement RWH system as per the building code and guidelines.</p> <p>X. PP shall comply with the requirement of Green Belt (GB) guidelines of MOEF, apart from the committed GB during the meeting.</p> <p>XI. PP shall comply with ECBC of 2017 applicable for commercial buildings.</p> <p>XII. PP shall generate @1% of solar power/renewable energy, of the total demand.</p> <p>XIII. PP shall submit conservation plan for schedule 1 species duly approved by Chief wild life warden prior to grant of EC.</p> <p>XIV. Noise monitoring to be carried out before and after the noise barrier already erected.</p> <p>XV. All the vehicles for internal use in the hospital premises should be battery operated.</p>
22.3.2	Group housing project 'Spaze Privy AT-4' at village Sihi, Sector - 84, Gurgaon, Haryana by M/s Spaze Towers Pvt. Ltd. - Further consideration for Environmental Clearance [IA/HR/MIS/84503/2017 dated 03.11.2018] [F. No. 23-32/2018-IA-III]
22.3.2.1	M/s Spaze Towers Pvt. Ltd. has made online application vide proposal no. IA/HR/MIS/84503/2017 dated 03.11.2018 seeking Environmental Clearance for the above mentioned proposed project. The proposed project activity is covered under 'B' category of item 8(a) of the Schedule to the EIA Notification, 2006 and the proposal was appraised at Central level as tenure of SEIAA at Haryana was completed.
22.3.2.2	Details of the project as per the submission of project proponent:

The proposed project is a Group Housing Complex “Spaze Privy AT4” at Village Sihi, Sector-84, Gurgaon, Haryana, being developed by **M/s Spaze Towers Pvt. Ltd.** The total plot area of the project site is 42540.72 m² and Built-up area of 118795.578 m². The license has been granted by Town and Country Planning vide license no. 26 of 2011.

The total built-up area of the project is 1, 18,795.578 m² which is less than 1, 50,000 m² thus, it falls under Category B, item 8(a) of EIA Notification, 2006. The Project was applied for environmental clearance in year 2012 at Haryana SEIAA. There was certain shortcoming in application and the additional documents were submitted. In the meantime the construction was started.

Thereafter, show cause notice was received vide letter no. HSPCB/GRS/2016/6688-89 dated 09.12.2016 for violation of EIA notification of 14.09.2006. Thereafter construction was stopped.

After that as per MoEF & CC Notification no. S.O 804 (E) dated 14.03.2017, case was applied under violation category at MoEF & CC on 06.05.2017 as construction work was started without getting environmental clearance. Subsequently, it was considered in EAC meeting dated 19.02.2018 and thereafter, TOR was granted by MoEF&CC vide its letter no. F.No. 23-32/2018-IA-III dated 04th April, 2018.

Then as per amendment in notification vide **S.O. 1030(E) dated 8th March,2018 & OM no. Z-11013/22/2017- IA. II (M) dated 15.03.2018 & 16.03.2018**, the project will be appraised by SEAC/SEIAA, Haryana. Thus, the report was submitted in SEAC, Haryana on 11.07.2018. Since, the tenure of Haryana was completed; we have again submitted the EIA Report in MoEF&CC on 03.11.2018. The case was appraised in the 17th EAC meeting for the violation of EIA Notification, 2006 on 29.01.2019. Few queries were raised; the reply of the queries was submitted to MoEF&CC on 28.02.2019 online.

Again, the case was appraised in 20th EAC Meeting for the violation of EIA Notification, 2006 on 29.03.2019. Few queries were raised; the reply of the queries was submitted to MoEF&CC on 24.04.2019 online. Now, the case is enlisted in the 22nd EAC Meeting for the violation of EIA Notification, 2006 scheduled on 21.05.2019.

Details of the project is as follows:

i. The construction status is given below:-

S.No.	DESCRIPTION	DETAIL
1.	Excavation work	Completed
2.	Foundation	Completed
3.	RCC work	Completed
4.	Masonry work	Completed
5.	Roofs	Completed
6.	Timber work (Door and windows)	95% Done

7.	Piping of water & sewage	Completed
8.	Drainage System	Completed
9.	Sewage Treatment Plant	80% completed
10.	Rainwater Harvesting	90% completed
11.	Plantation	50% completed
12.	Roads	95% completed
13.	Installation of Electrical & mechanical items & fire	60% completed
14.	Plastering	Completed
15.	Bathroom fitting & plumbing work	Not started
16.	Flooring	90% completed
17.	Painting and exteriors	40% completed
18.	DG sets & Stack	10% completed

- ii. The total plot area of the project site is 42540.72 m². The FAR achieved will be 74422.51 m². The total Non-FAR area will be 19290.96 m² and basement area will be 25082.108 m². The total built up of the project will be 118795.578 m². The project will comprise of 11 towers. The no. of dwelling units will be 532 no., EWS Units will be 96 no. and Servant Unit will be 63 no. Maximum height of the building is 73.2 m. the total estimated cost of the project is 170.23 Crores.
- iii. During construction phase, total water requirement was 15 KLD which was met by HUDA STP treated water. During the construction phase, soak pits and septic tanks was provided for disposal of waste water. Temporary sanitary toilets were provided during peak labor force.
- iv. During operational phase, total water demand of the project is expected to be 443 KLD and the same will be met by 258 KLD fresh water from HUDA and 185 KLD Recycled water. Wastewater generated (355 KLD) will be treated in FAB STP of total 400 KLD capacity. 185 KLD of treated wastewater will be recycled (149 KLD for flushing, 30 KLD for gardening, 6 KLD for DG cooling). About 135 KLD will be disposed in to sewer line.
- v. The solid waste generation in the complex shall be 1378 kg/day. 964 kg/day biodegradable waste shall be treated in Organic Waste Convertor and convert the waste into manure. The compost shall be used in green area within the project premises & unused manure shall be given to nearby nursery. 344 kg/day of recyclable waste & 70 kg/day of plastic waste shall be given to authorized vendor. Used oil of 35 lit/month shall be given to approved recycler as per The Hazardous & other Wastes (Management and Transboundary) Rules, 2016. E-waste generated from complex shall be 2 kg/month which shall be handed over to approved recycler and battery waste shall be disposed off as per the Battery waste (Management & Handling) Rules, 2001.

	<p>vi. The total power requirement during construction phase was 125 KVA and was met from temporary connection from Dakshin Haryana Bijli Vitran Nigam and DG set. Total power requirement during operation phase is 4124 KW and will be met from Dakshin Haryana Bijli Vitran Nigam. Total DG Set of capacity 2 X 1010 KVA, 1 X 750 KVA 1 X 500 KVA will be installed within the complex which shall be used only when there is power failure and stack height of 6 m above roof level shall be provided</p> <p>vii. Rooftop rainwater of buildings will be collected in 11 RWH pits of total for harvesting after filtration.</p> <p>viii. Parking facility for 798 ECS four wheelers is proposed to be provided against the requirement of 798 ECS.</p> <p>ix. Proposed energy saving measures would save about 1% of power. It is located within 10 km of Eco Sensitive areas (Yes/No)-Yes, Sultanpur Bird Sanctuary falls at 8.4 km distance and in north west direction from project site. PP submitted that project is outside EcoSensitive zone and NBWL Clearance is not required.</p> <p>x. NBWL Clearance is required: Yes/No- No.</p> <p>xi. Forest Clearance is required: Yes/No.- No.</p> <p>xii. Court case pending against the project (Yes/No). Yes, Initiation of prosecution action against M/s Spaze Towers Pvt. Ltd. in Special Environment Court, Faridabad for violation of starting of construction of group housing project without obtaining prior environmental clearance under EIA Notification 2006 under section 15 read with section 19 of Environment Protection Act, 1986 vide Case no. 10/2019.</p> <p>xiii. Investment/Cost of the project is Rs. 170.23 Crores.</p> <p>xiv. Employment potential- During Construction phase employment to 300 no of labors was provided and during operation phase employment to 50 nos. as staff.</p> <p>xv. Benefits of the project:</p> <ul style="list-style-type: none"> • It will increase Infrastructure of the area & will provide better life style. It will provide healthy, green & safe premises. • It will provide a planned housing society with sport facility for residing children & for children, Club & convenient shopping area to fulfil basic needs of the residents as well as the people of nearby areas, for the residents of the complex. • The project provided employment to 300 no. of workers during construction phase and will further provide employment opportunities to 50 nos. of labours during future construction phase and employment to 50 persons as staff during operational phase.
22.3.2.3	Observations and recommendations of committee of 17th EAC meeting held on held on, 29-31 January, 2019:

	<p>PP and consultant made a detailed presentation before the EAC. EAC after detailed deliberation on the information submitted and presented <i>recommended to defer</i> the project for want of submission of following information:</p> <ol style="list-style-type: none"> 1. Conservation plan for schedule 1 species to be submitted duly approved by Chief Wildlife Warden. 2. Certificate from Chief Wildlife Warden that proposed project is 9.16 Km away from the Sultanur bird sanctuary. 3. Since STP waste water was used during construction and likely impact on health be assessed and presented. 4. Rework the damage assessment work cost over and above CER/EMP cost. 5. Ionic balance of water quality and along with soil quality is to be rechecked. 6. Proof for action initiated against the project proponent under the provisions of section 19 of the Environment (Protection) Act, 1986. 7. Environment baseline matrix shall be modified and the budgetary estimate for damage assessment shall be revised with a 3-year action plan to be resubmitted on the following points: <ul style="list-style-type: none"> • Air environment shall consider impact of topsoil removal/ handling of construction materials. Air quality modelling with details of inputs and incremental ground level concentration due to construction and transportation with and without control measures and impact on base line data pre-& post construction. • Water – Surface & Storm water quantity during monsoon and surface runoff pollution by suspended solids and waste water generation during construction. • Cumulative domestic consumption for 300 labours during the construction period of 4/5 years and apart from total quantity of water for construction. • Ground water – Impact on Ground water Recharge and obstruction of Rainwater percolation over the construction area. Ground water extraction from the basements. • Non-provision of Rain water harvesting system during construction. Contamination of Ground Water / Surface water by untreated sewage of construction workers. • Occupational Health: Health issues to be considered due to impact on health of construction and nearby habitations. • LULC comparison and Analysis. • Impact on Local infrastructure due to inflow of construction workers. • ECBC compliance with specific energy savings and impacts of noncompliance.
22.3.2.4	<p>Observations and recommendations of 20th EAC meeting held on, 28th-29th March, 2019:</p> <p>PP along with the consultant made the detailed presentation on the detailed sought in 17th EAC meeting held on held on, 29-31 January, 2019. The EAC <i>deferred</i> the proposal because of following short fall while appraising the project:</p> <ol style="list-style-type: none"> 1. Impact on local infrastructure due to construction workers. 2. Status of EC/BC compliance.

	<ol style="list-style-type: none"> 3. Installation of solar power at 1% of the demand. 4. AAQ impact considering the total construction activity needs to be reworked in addition to impact in the core zone. 5. Certificate for analysis of water quality parameters to be submitted for the water supplied to the workers for drinking purpose. 6. Comparing the LULC and consequent impact on the core zone and the buffer zone. 7. Soil quality be checked with respect to texture and cation exchange capacity moreover unit of NPK values be given in kg/ha not in mg/kg 8. Water analysis data need to be furnished. Water analysis results (post construction stage) indicate increase in the conc. Level of most of the parameters. Reason for the same shall be submitted. 9. Damage assessment in respect of water environment to be reassessed and the matrix value has to be revised accordingly. 10. Summary of damage matrix and over all damage assessment, subsequent final damage assessment needs to be changed in line with the above observation. 11. Rework for ecological damage assessment. 12. Rework for traffic damage assessment considering 5 km radius from the project site. 13. Rework geological and hydrological damage assessment. 14. Budget of damaged remediation plan, natural resource and community resource augmentation plan and ecological restoration/conservation plan shall be revised. 15. Year wise (3 years) summary for the remediation plan, natural resource and community resource augmentation plan shall be submitted.
<p>22.3.2.5</p>	<p>Observations and recommendations of the present EAC committee:</p> <p>PP along with the consultant submitted the additional information, as sought in the earlier meeting of EAC held on 27th-29th November, 2018 and made detailed presentation before the Committee. The Committee observed that PP has submitted Remediation plan and Natural and Community Resource Augmentation plan with a cost of Rs. 2,60,36,500/-.</p> <p>EAC also noted that Case (Case No. 10/2019) under section 15 read against M/s Spaze Towers Pvt. Ltd. has been filed in Special Environment Court, Faridabad by the Haryana State Pollution Control Board.</p> <p>Based on the data presented and after detailed deliberations on the documents furnished by the project proponent. EAC sought following additional information from the PP:</p> <ol style="list-style-type: none"> 1. Impact on air index has to be revised. 2. In case of damage to water regime regarding the consumption of water by construction workers, the deficiency in rain water recharging, and the rain water

harvesting was inadequate. According to revise the remediation regarding to damage of water regime as mentioned above.

3. The utilization of top soil was observed to be inadequate and hence the PP was advised to revise the remediation due to damage in land environment.

The PP has submitted the above requisite information along with the revised amount of Rs. 2, 96, 21,500/- for the remediation and natural & community resource augmentation plan before the Committee on 22.05.2019.

Hence, EAC, after detailed deliberations on the additional information submitted by the PP, **recommended** the proposal for **grant of Environmental Clearance** subject to the following specific conditions in addition to all standard conditions applicable for such projects:

- I. EAC recommended for an amount of **Rs 2, 96, 21,500** /- towards Remediation plan and Natural and Community Resource Augmentation plan to be spend within a span of three years. The details are given below:

➤ **Cost of Remediation Plan**

S. No.	Particular	Remediation Budget (INR)
1	Air Environment	1. Distribution of Wayu purifier @60,000 x 10 = INR 6,00,000/- 2. Maintenance of Wayu Purifier @ 1500/month x 12 month = 18,000 per annum x 10 Purifiers = 180000 x 3 years= INR 5,40,000/- 3. Distribution of Sprinkler system a. Sprinkler@ 1000 x 50=INR 50,000 /- b. Twin Filtration system of @ 15000 x 6 = INR 90,000/- c. Pump @ 10000 x 5 = INR 50,000/- d. Water Distributing Pipeline @ 165 x 2100 m = INR 3,46,500/- 4. Gas connection in nearby village @ 2500 x 500 = INR 12,50,000/- 5. Health checkup cap in nearby village = INR 5,00,000/- 6. Plantation in Nearby area road @ 1500 (including maintenance) x 2000 = INR 30,00,000/- Total Cost = INR 64,26,500/-
2.	Water Environment	1. Installation of Portable STP of 50KLD @ Rs. 17,00,000 x 3= INR51,00,000/- 2. Procurement RO Plant @ 2,00,000/per unit (1000 LPH) x 10 = INR 20,00,000/- 3. Installation of RO plant @ Rs 5000/- per plant X 10 = INR 50,000/-

		<p>4. Maintenance of RO Plant @ 10,000/ year X 10 = 1,00,00 X 3 Year = INR 3,00,000/-</p> <p>5. Rain Water Harvesting in nearby village @ 3,00,000/per RWH (including raw material, labour, profit, construction, pipeline) X 10 = INR 30,00,000/-</p> <p>6. Maintenance of RWH (before monsoon and after monsoon) @ 5000/ year X 10 = 50000 X 3 Year = INR 1,50,000/-</p> <p>Total Cost = INR 1,06,10,000/-</p>
3.	Land/Soil Environment	<p>1.Land reclamation of nearby area = INR 15,60,000/-</p> <p>Total Cost= INR 15,60,000/-</p>
4.	Waste Management	<p>2. Providing Different Color-Coded Bins @ 2000 per x 300 = INR 6,00,000/-</p> <p>3. Organic Waste Converter @ 15,00,000 x 2 = INR 30,00,000/-</p> <p>Total Cost= INR 36,00,000/-</p>
4.	Noise Environment	<p>1.Distribution of PPE to labour = INR 5,00,000/-</p> <p>2. Awareness program in nearby area for Noise = INR 2,00,000/-</p> <p>3. Plantation in nearby area @ Rs. 1500 x 350 = INR 5,25,000/-</p> <p>Total Cost = INR 12,25,000/-</p>
5.	Biological Environment	<p>1.Plantation in nearby area @ Rs. 1500 x 400 = INR 6,00,000/-</p> <p>2. Development of Park (In consideration with Panchayat, development of Panchayat Park) = INR 4,00,000/-</p> <p>Total Cost = INR 10,00,000/-</p>

➤ **Year wise break up of remediation Plan**

S. No.	Activity	YEAR-WISE IMPLEMENTATION			Total Budget (INR)
		1 st Year	2 nd Year	3 rd Year	
1.	Air Environment	40,66,500	11,80,000	11,80,000	64,26,500
2.	Water Environment	35,36,667	35,36,667	35,36,667	1,06,10,000
3.	Land/ Soil Environment			15,60,000	15,60,000
4.	Waste Environment	13,00,000	13,00,000	10,00,000	36,00,000
5.	Noise Environment	2,62,500	8,62,500	1,00,000	12,25,000
6.	Biological Environment	3,00,000	7,00,000	-	10,00,000
TOTAL BUDGET FOR REVISED REMEDIATION PLAN (INR)					2,44,21,500

➤ **Year wise breakup of Natural Resource Augmentation plan and Budgetary Allocation**

S. No.	Aspect	Activity	YEAR-WISE IMPLEMENTATION BUDGET (INR)			Total Budget (INR)
			1 st Year	2 nd Year	3 rd Year	
1.	Natural Resource Augmentation	Providing Solar Lighting in the village and School	-	20,00,000	20,00,000	40,00,000
		Training to the farmers on agriculture	50,000	50,000		1,00,000
2.	Community Welfare	TOTAL BUDGET FOR NATURAL RESOURCE AUGMENTATION PLAN (INR)				41,00,000
		Construction of sanitation facilities	2,50,000	2,50,000		5,00,000
		Providing Computers in the schools	3,00,000	3,00,000		6,00,000
		TOTAL BUDGET FOR COMMUNITY RESOURCE AUGMENTATION PLAN (INR)				11,00,000

➤ **Summary**

S. No.	PARTICULARS	PROPOSED BUDGET (INR)
1.	Remediation Plan	2,44,21,500
2.	Natural Resource Augmentation Plan	41,00,000
3.	Community Resource Augmentation Plan	11,00,000
	TOTAL BUDGET FOR REMEDIATION, NATURAL & COMMUNITY RESOURCE AUGMENTATION	2,96,21,500

- II. Total budgetary provision with respect to Remediation plan and Natural & Community Resource Augmentation plan is **Rs. 2,96,21,500**. Therefore, project proponent shall be required to submit a bank guarantee of an amount of **Rs. 2,96,21,500** /-towards Remediation plan and Natural and Community Resource Augmentation plan with the SPCB prior to the grant of EC.
- III. Remediation plan shall be completed in 3 years whereas bank guarantee shall be for 5 years. The bank guarantee shall be released after successful implementation of the EMP, followed by recommendations of the EAC and approval of the regulatory authority.
- IV. Fund allocation for Corporate Environment Responsibility (CER) of Rs. 255.0/- lakhs to be implemented.

	<p>V. Approval/permission of the CGWA/SGWA shall be obtained before drawing ground water for the project activities, if applicable. State Pollution Control Board (SPCB) concerned shall not issue Consent to Operate (CTO) till the project proponent obtains such permission.</p> <p>VI. Effective air pollution mitigation plan submitted to the Ministry shall be implemented in toto.</p> <p>VII. Project proponent shall take necessary other clearances/permissions under various Acts and Rules if any, from the respective authorities/ department.</p> <p>VIII. PP shall implement RWH system as per the building code and guidelines.</p> <p>IX. PP shall comply with the requirement of Green Belt (GB) guidelines of MOEF, apart from the committed GB during the meeting.</p> <p>X. PP shall comply with ECBC of 2017 applicable for commercial buildings.</p> <p>XI. PP shall generate @1% of solar power/renewable energy, of the total demand.</p> <p>XII. Approved Conservation plan for Schedule I species to be implemented with fund provision of rupees of 21.0 lakhs in consultation with State Forest department.</p>
22.3.3	<p>Commercial Complex 'Spaze Corporate Park' at village Badshahpur, Sector 69- 70, District Gurgaon, Haryana by M/s Spaze Towers Pvt. Ltd. – Further consideration for Environmental Clearance</p> <p>[IA/HR/MIS/84852/2017 date 06.11.2018] [F. No. 23-20/2019-IA.III (V)]</p>
22.3.3.1	<p>M/s Spaze Towers Pvt. Ltd. has made online application vide proposal no. IA/HR/MIS/84852/2017 date 06.11.2018 seeking Environmental Clearance for the above mentioned proposed project. The proposed project activity is covered under 'B' category of item 8(a) of the Schedule to the EIA Notification, 2006 and the proposal was appraised at Central level as tenure of SEIAA at Haryana was completed.</p>
22.3.3.2	<p>Details of the project as per the submission of project proponent:</p> <p>The proposed project is a Commercial Complex "Spaze Corporate Parkk" at Village Badshahpur, Sector-69 -70, District-Gurgaon, Haryana, being developed by M/s Spaze Towers Pvt. Ltd. The total plot area of the project site is 16009.338 m² and Built-up area of 46264.209 m².</p> <p>The license has been granted initially by DTCP Haryana to M/s Wellworth Housing Pvt. Ltd. & M/s Raj Realtech Pvt. Ltd. vide letter no. 134 dated 02.07.2008. They later on collaborated with M/s Spaze Towers Pvt. Ltd.</p> <p>The Project was applied for environmental clearance in year 2012 at Haryana SEIAA. There were certain shortcomings in application and the additional documents were submitted. After many submissions of reply, case was not granted environmental clearance and in the meantime the construction was started.</p> <p>Thereafter, show cause notice was received vide letter no. HSPCB/GRS/2016/ dated 09.12.2016 for violation of EIA notification of 14.09.2006. Thereafter construction was stopped.</p>

The total built-up area of the project is 46264.209 m² which is less than 1,50,000 m² thus, it falls under category 8(a) of EIA Notification, 2006 but in the light of MoEF & CC Notification no. S.O 804 (E) dated 14.03.2017, where it has been clearly notify that the violation cases/noncompliance will be treated as 'A' category project, hence, Application for Grant of Terms of Reference under violation category was submitted to MoEF&CC on 02.06.2017.

Thereafter, as per amendment in notification vide **S.O. 1030(E) dated 8th March, 2018 & OM no. Z-11013/22/2017- IA. II (M) dated 15.03.2018 & 16.03.2018**, the project falls under category 'B', of Schedule 8(a) & is exempted from Public Hearing and will be appraised by SEAC/SEIAA, Haryana. Subsequently, it was considered in 169th SEAC, Haryana meeting dated 18.05.2018 and thereafter, TOR was granted by SEIAA, Haryana vide letter no. SEIAA/HR/2018/681 dated 07th August, 2018. Since, the tenure of Haryana has completed, we submitted the EIA Report in MoEF&CC on 06.11.2018. The case was appraised in the 17th EAC meeting for the violation of EIA Notification, 2006 on 29.01.2019. Few queries were raised, the reply of the queries were submitted to MoEF&CC on 28.02.2019.

Again, the case was appraised in the 20th EAC meeting for the violation of EIA Notification, 2006 on 29.03.2019. Few queries were raised, the reply of the queries was submitted to MoEF&CC on 24.04.2019

Now the case is again enlisted in the 22nd EAC Meeting for the violation of EIA Notification, 2006 scheduled on 21.05.2019.

Details of the project is as follows:

i. Status of construction is as follow:-

S.NO.	DESCRIPTION	DETAIL
1.	Excavation work	Completed
2.	Foundation	Completed
3.	RCC work	Completed
4.	Masonry work	Completed
5.	Roofs	Completed
6.	Timber work (Door and windows)	30% Done
7.	Piping of water & sewage	Completed
8.	Drainage System	Completed
9.	Sewage Treatment Plant	45% completed
10.	Rainwater Harvesting	95 % completed
11.	Plantation	Not started
12.	Roads	90% completed

13.	Installation of Electrical & mechanical items & fire	60% completed
14.	Plastering	95% completed
15.	Bathroom fitting & plumbing work	65% completed
16.	Flooring	80% completed
17.	Painting and exteriors	65% completed
18.	DG sets & Stack	45% completed

ii. The total plot area is 16009.338sqm, Net plot area is 15226.67sqm, FAR area is 26619.82 sqm and total construction (Built-up) area of 46264.209sqm. The project will comprise of Two Towers/ Buildings. Maximum height of the building is 57.15m. **Total estimated cost of the project is Rs. 82.90 Crores.**

iii. During construction phase, total water requirement is expected to be 15 KLD which will be met by HUDA. During the construction phase, soak pits and septic tanks will be provided for disposal of waste water. Temporary sanitary toilets will be provided during peak labor force.

iv. During operational phase, total water demand of the project is expected to be 281 KLD and the same will be met by 58 KLD of fresh water from HUDA and 172 KLD from In house STP and rest 51 KLD of treated water shall be sourced from outsourced STP. 172 KLD of treated wastewater will be recycled for flushing, gardening DG & HVAC Cooling). About 51 KLD STP Treated Water shall be utilized for DG & HVAC Cooling

Wastewater generated (180 KLD) will be treated in 2 STPs of total 195 KLD (1of 150 KLD & 1 of 45 KLD) capacity. No waste water shall be discharge to the drain or sewer.

v. The solid waste generation in the complex shall be 1801 kg/day. 1261 kg/day biodegradable waste shall be treated in Organic Waste Converter and convert the waste into manure. The compost shall be used in green area within the project premises. 450 kg/day of Non-Bio-Degradable recyclable waste shall be given to authorized vendor. Hazardous oil of 47 lit/month shall be given to approve recycler as per The Hazardous & other Wastes (Management and Tran boundary) Rules, 2016. E-waste generated from complex shall be 5 kg/month which shall be handed over to approved recycler and Battery waste shall be disposed as per the Battery waste (Management & Handling) Rules.

vi. The total power requirement during construction phase is 61.25 KVA (49 KW) and will be met from temporary connection form Dakshin Haryana Bijli VitranNigam and total power requirement during cooperation phase is 4122.5 KVA (3298 kW) and will be met from Dakshin Haryana Bijli VitranNigam. Total DG Set of capacity 2 X 1250 kVA, 3 X 500 kVA and 1 X 250 kVA will be installed within the complex which shall be used only when

	<p>there is power failure and stack height of 6 m above roof level shall be provided.</p> <p>vii. Rooftop rainwater of buildings will be collected in 5 RWH pits of total 112 KLD capacity for harvesting.</p> <p>viii. Parking facility for 532 ECS (four wheelers) is proposed to be provided against the requirement of 532 ECS.</p> <p>ix. Proposed energy saving measures would save about 1% of power.</p> <p>x. It is located within 10 km of Eco Sensitive areas (Yes/No)-No Eco Sensitive areas are present within 10 km of the project site.</p> <p>xi. NBWL Clearance is required: Yes/No- No.</p> <p>xii. Forest Clearance is required: Yes/No- No.</p> <p>xiii. Court case pending against the project (Yes/No). No.</p> <p>xiv. Investment/Cost of the project is Rs. 82.90 (Crore).</p> <p>xv. Employment potential- it will provide employment to 150 nos. of labours during construction phase & 2903 number as office staff & 45 nos. as retail staff.</p> <p>xvi. Benefits of the project:</p> <p>Social Benefits:</p> <ul style="list-style-type: none"> • The proposed project has provided employment opportunities to 200 no of labours during construction phase. • It has led to increase in the infrastructure of the area and encouraged others for further development of the area • It will increase Infrastructure of the area & will be a planned & managed development in the area. • It will set a precedent for others to develop planned Commercial Complex which will cumulatively help the area to be much more managed in future. <p>Environmental Benefits:</p> <ul style="list-style-type: none"> • Green area of 3045.334 sqm will be developed after completion of the project which will serve a positive influence toward the environment. • The construction and operation will promote a healthy environment for all involved, and it will not disrupt the land, water, resources and energy in and around the building. • Energy efficient building material during construction stage will help in the reduced impact on environment directly & indirectly. • The planned Commercial Complex will prove to be an Environment friendly (with minimal air & noise pollution impacts & well managed waste & waste water) healthy & green (with proper landscaping), spacious (with proper parking, traffic circulation, play area & open
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	<p>spaces) & safe premise (a gated & guarded society) for living. People will have more open and green spaces, bringing them closer to nature & away from the rush & fuss of the polluted cities.</p> <p>Financial Benefits:</p> <ul style="list-style-type: none"> • Additional revenue generation to the will be provided after completion of commercial complex. • Major income source to an important section of society and also to the upcoming investors.
<p>22.3.3.3</p>	<p>Observations and recommendations of committee of 17th EAC meeting held on held on, 29-31 January, 2019:</p> <p>PP and consultant made a detailed presentation before the EAC. EAC after detailed deliberation on the information submitted and presentation made by PP, <i>recommended to defer</i> the project for want of submission of following information:</p> <ol style="list-style-type: none"> 1. Conservation plan for schedule 1 species to be submitted duly approved by Chief Wildlife Warden. 2. Since STP waste water was used during construction and likely impact on health be assessed and presented. 3. Rework the damage assessment work cost over and above CER/EMP cost. 4. Ionic balance of water quality and along with soil quality is to be rechecked. 5. Proof for action initiated against the project proponent under the provisions of section 19 of the Environment (Protection) Act, 1986. 6. Environment baseline matrix shall be modified and the budgetary estimate for damage assessment shall be revised with a 3-year action plan to be resubmitted on the following points: <ul style="list-style-type: none"> • Air Quality modelling and GLC prediction with input data during the construction and operation, including DG Sets and transport movement and the impact on the construction workers nearby habitations. • Water- Impacts on Surface/Ground water and construction workers, their consumption and waste water generation impact and RWH system non-provision thereof. • LULC comparison and impact evaluation. • Non-provision of green belt and the quantity. • Noise modelling during construction phase. • ECBC 2007/2017 compliance by perspective method to be furnished and the cumulative impact due to non-provision so far. • Waste management during construction and subsequent damages to remediated.
<p>22.3.3.4</p>	<p>Observations and recommendations of 20th EAC meeting held on 28th-29th March, 2019:</p>

	<p>PP along with the consultant made the detailed presentation on the detailed sought in 17th EAC meeting held on held on, 29-31 January, 2019. The EAC <i>deferred</i> the proposal because of following short fall while appraising the project:</p> <ol style="list-style-type: none"> 1. Impact on local infrastructure due to construction workers. 2. Status of EC/BC compliance. 3. Installation of solar power at 1% of the demand. 4. AAQ impact considering the total construction activity needs to be reworked in addition to impact in the core zone. 5. Certificate for analysis of water quality parameters to be submitted for the water supplied to the workers for drinking purpose. 6. Comparing the LULC and consequent impact on the core zone and the buffer zone. 7. Soil quality be checked with respect to texture and cation exchange capacity moreover unit of NPK values be given in kg/ha not in mg/kg 8. Water analysis data need to be furnished. Water analysis results (post construction stage) indicate increase in the conc. Level of most of the parameters. Reason for the same shall be submitted. 9. Damage assessment in respect of water environment to be reassessed and the matrix value has to be revised accordingly. 10. Summary of damage matrix and over all damage assessment, subsequent final damage assessment needs to be changed in line with the above observation. 11. Rework for ecological damage assessment. 12. Rework for traffic damage assessment considering 5 km radius from the project site. 13. Rework geological and hydrological damage assessment. 14. Budget of damaged remediation plan, natural resource and community resource augmentation plan shall be revised. 15. Year wise (3 years) summary for the remediation plan, natural resource and community resource augmentation plan shall be submitted.
22.3.3.5	<p>Observations and recommendations of the present EAC committee:</p> <p>PP along with the consultant submitted the additional information, as sought in the earlier meeting of EAC held on 27th-29th November, 2018 and made detailed presentation before the Committee. The Committee observed that PP has submitted Remediation plan and Natural and Community Resource Augmentation plan with a cost of Rs. 1,63,10,620/-.</p> <p>EAC also noted that Case Case (Case No. 8/2019) has been filed under section 15 of EP Act 1986 against M/s Spaze Towers Pvt. Ltd. in Special Environment Court, Faridabad by the Haryana State Pollution Control Board.</p>

Based on the data presented and after detailed deliberations on the documents furnished by the project proponent. EAC sought following additional information from the PP:

1. Impact on air index has to be revised.
2. In case of damage to water regime regarding the consumption of water by construction workers, the deficiency in rain water recharging, and the rain water harvesting was inadequate. According to revise the remediation regarding to damage of water regime as mentioned above.
3. The utilization of top soil was inadequate and hence, revise the remediation plan due to damage in land environment.

The PP has submitted the above requisite information along with the revised amount of **Rs. 1,89,30,620/-** for the remediation and natural & community resource augmentation plan before the Committee on 22.05.2019.

Hence, EAC, after detailed deliberations on the additional information submitted by the PP, **recommended** the proposal for **grant of Environmental Clearance** subject to the following specific conditions in addition to all standard conditions applicable for such projects:

- I. EAC recommended for an amount of Rs **1, 89, 30,620/-**. towards Remediation plan and Natural and Community Resource Augmentation plan to be spend within a span of three years. The details are given below:

➤ **Cost of Remediation Plan**

S. No.	Particular	Remediation Budget (INR)
1	Air Environment	<ul style="list-style-type: none"> ➤ Distribution of Wayu Purifier@ INR 60,000 x 5 = INR 3,00,000/- ➤ Maintenance of Wayu Purifier@ INR 1,500 x 36 Months = 54,000 per annum x 5 Wayu Purifier = INR 2,70,000 ➤ Distribution of Sprinkler System = INR 5,21,500 ➤ Gas Connection @ INR 2500 x 500 = INR 12,50,000 ➤ Plantation in nearby Road @ INR 1500 x 200 = INR 3,00,000 <p>Total Cost = ₹ 26,41,500</p>
2.	Water Environment	<ul style="list-style-type: none"> ➤ Installation of Portable STP (50 KL Capacity) @ INR 20,00,00 x 2 = INR 40,00,000 ➤ Procurement of RO Plant (1000 LPH) @INR 2,00,000 x 4 = INR 8,00,000 ➤ Installation of RO Plant @ INR 5000 x 4 = INR 20,000 ➤ Maintenance of RO Plant @ INR 10,000 x 3 Years = 30,000 per annum x 4 RO Plant = INR 1,20,000

		<ul style="list-style-type: none"> ➤ RWH in nearby village @ INR 3,00,000 x 3 = INR 9,00,000 ➤ Maintenance of RWH @ INR 5,000 x 3 Years = INR 15,000 x 3 no. = INR 45,000 <p>Total Cost = ₹ 58,85,000</p>
3.	Land/Soil Environment	<ul style="list-style-type: none"> ➤ Land reclamation of nearby area= INR 16,54,120 <p>Total Cost = ₹ 16,54,120</p>
4.	Waste Management	<ul style="list-style-type: none"> ➤ Providing Different Color-Coded Bins @ INR 2000 x 50 Bins = 1,00,000 ➤ Organic Waste Converter @ INR 15,00,000 x 2 No. = INR 30,00,000 <p>Total Cost = ₹ 31,00,000</p>
5.	Noise Environment	<ul style="list-style-type: none"> ➤ Distribution of PPE to labour = INR 5,00,000 ➤ Awareness program in nearby area for Noise = INR 2,00,000 ➤ Plantation in nearby Area @ INR 1500 x 300 = INR 4,50,000 <p>Total Cost = ₹11,50,000</p>
6.	Ecological Environment	<ul style="list-style-type: none"> ➤ Plantation in nearby Area @ INR 1500 x 200 = INR 3,00,000 ➤ Development of Park= INR 4,00,000 <p>Total Cost = ₹7,00,000</p>

➤ **Year wise break up of remediation Plan**

S. No.	Activity	YEAR-WISE IMPLEMENTATION BUDGET (INR)			Total Budget (INR)
		1 st Year	2 nd Year	3 rd Year	
1.	Air Environment	22,62,000	1,90,500	1,89,000	26,41,500
2.	Water Environment	33,65,000	22,60,000	2,60,000	58,85,000
3.	Land Environment	0	0	16,54,120	16,54,120
4.	Waste Management	15,50,000	15,50,000	0	31,00,000
5.	Noise Environment	2,25,000	8,25,000	1,00,000	11,50,000
6.	Ecological Environment	1,50,000	5,50,000	₹ 0	7,00,000
TOTAL BUDGET FOR REVISED REMEDIATION PLAN (INR)					1,51,30,620/-

S. No.	Aspect	Activity	YEAR-WISE IMPLEMENTATION BUDGET (INR)			Total Budget (INR)
			1 st Year	2 nd Year	3 rd Year	
1.	Natural Resource	Providing Solar Lighting in the village and School (33kW)	0	16,00,000	17,00,000	33,00,000
2.		Training to the farmers on agriculture field to increase yield.	50,000	50,000	0	1,00,000
TOTAL BUDGET FOR NATURAL RESOURCE AUGMENTATION PLAN (INR)						34,00,000/-
1.		5 toilets shall be provided	1,50,000	1,00,000	0	2,50,000

2.	Community Welfare	Providing Computers in the schools	90,000	60,000	0	1,50,000
TOTAL BUDGET FOR REVISED COMMUNITY RESOURCE AUGMENTATION PLAN (INR)						4,00,000/-
➤ Summary						
S. No.	PARTICULARS					PROPOSED BUDGET (INR)
1.	Remediation Plan					1,51,30,620
2.	Natural Resource Augmentation Plan					34,00,000
3.	Community Resource Augmentation Plan					4,00,000
TOTAL BUDGET FOR REMEDIATION, NATURAL & COMMUNITY RESOURCE AUGMENTATION						1,89,30,620
<p>II. Total budgetary provision with respect to Remediation plan and Natural & Community Resource Augmentation plan is Rs. 1,89,30,620/-. Therefore, project proponent shall be required to submit a bank guarantee of an amount of Rs. 1,89,30,620/- towards Remediation plan and Natural and Community Resource Augmentation plan with the SPCB prior to the grant of EC.</p> <p>III. Remediation plan shall be completed in 3 years whereas bank guarantee shall be for 5 years. The bank guarantee shall be released after successful implementation of the EMP, followed by recommendations of the EAC and approval of the regulatory authority.</p> <p>IV. Fund allocation for Corporate Environment Responsibility (CER) of Rs. 124.0 Lakhs /- to be implemented.</p> <p>V. Approval/permission of the CGWA/SGWA shall be obtained before drawing ground water for the project activities, if applicable. State Pollution Control Board (SPCB) concerned shall not issue Consent to Operate (CTO) till the project proponent obtains such permission.</p> <p>VI. Effective air pollution mitigation plan submitted to the Ministry shall be implemented in toto.</p> <p>VII. Project proponent shall take necessary other clearances/permissions under various Acts and Rules if any, from the respective authorities / department.</p> <p>VIII. PP shall implement RWH system as per the building code and guidelines.</p> <p>IX. PP shall comply with the requirement of Green Belt (GB) guidelines of MOEF, apart from the committed GB during the meeting.</p> <p>X. PP shall comply with ECBC of 2017 applicable for commercial buildings.</p> <p>XI. PP shall generate @1% of solar power/renewable energy, of the total demand.</p> <p>XII. Approved Conservation plan for Schedule I species to be implemented with fund provision of rupees of 12.0 lakhs in consultation with State Forest department.</p>						
22.3.4	Commercial Complex 'Spaze Boulevard I' at village Tikri, Sector - 47, Gurgaon, Haryana by M/s Spaze Towers Pvt. Ltd. - Further consideration for Environmental Clearance					

	[IA/HR/MIS/84715/2017 dated 05.11.2018] [F. No. 23-39/2018-IA-III]
22.3.4.1	M/s Spaze Towers Pvt. Ltd has made online application vide proposal no. IA/HR/MIS/84715/2017 dated 05.11.2018 seeking Environmental Clearance for the above mentioned proposed project. The proposed project activity is covered under 'B' category of item 8(a) of the Schedule to the EIA Notification, 2006 and the proposal was appraised at Central level as tenure of SEIAA at Haryana was completed.
22.3.4.2	<p>Details of the project as per the submission of project proponent:</p> <p>The project is Commercial Complex "Spaze Boulevard I" at Village Tikri, Sector-47, Gurgaon, Haryana, being developed by M/s Spaze Towers Pvt. Ltd. The total plot area of the project site is 11,537.50 m², net plot area of 8653.43 m² and Built-up area of 29,523.05 m².</p> <p>The land was agricultural land which was converted to commercial use by Town & Country planning. The land has been initially licensed by DTCP Haryana vide license no. 219 of 2007 dated 11.09.2007 for total Plot Area 11537.5 m² (2.85 acre) to M/s Automax Unit of M/s Omax Autos Ltd. for setting up Commercial Complex. Now, the license has again been renewed upto 10.09.2019. Subsequently the land was purchased by Spaze Towers Pvt. Ltd through agreement to sale.</p> <p>The total built-up area of the project will be 29523.05 m² which is less than 1,50,000 m² thus, it falls under Category "B" activity 8 (a) of schedule of EIA notification, 2006.</p> <p>The project had been initially applied for environmental clearance on date 01.12.2010 at Haryana SEIAA. There were some short comings in the application and the required docs were submitted. The case was then initially appraised in 54th SEAC Meeting dated 23.02.2011 where SEAC had few observations and meanwhile the construction was started at the site. The case was declared as violation by SEIAA in 91st Meeting dated 19.09.2013.</p> <p>After that as per the notification vide S.O. 804(E) dated 14.03.2017 case was applied under violation category on 09.05.2017 at MoEF & CC as construction work started without getting Environmental clearance. Subsequently, it was considered in EAC meeting dated 19.02.2018 and thereafter, TOR was granted by MoEF&CC vide its letter no. F.No. 23-39/2018-IA-III dated 7th June, 2018.</p> <p>Thereafter, as per amendment in notification vide S.O. 1030(E) dated 8th March, 2018 & OM no. Z-11013/22/2017-IA. II (M) dated 15.03.2018 & 16.03.2018, the project was to be appraised by SEAC/SEIAA, Haryana. And thus, the project was submitted in SEAC, Haryana on 11.07.2018 but was not appraised. Since, the tenure of Haryana has completed, we have again submitted the EIA Report in MoEF&CC on 05.11.2018. The case was appraised in the 17th EAC meeting for the violation of EIA Notification, 2006 on 29.01.2019. Few queries were raised; the reply of the queries was submitted to MoEF&CC on 28.02.2019. Then, the case was enlisted in the 20th EAC Meeting for the violation of EIA Notification, 2006 on 29.03.2019. Few queries were raised again; the reply of the queries was submitted to MoEF&CC on 24.04.2019.</p>

Now the case is again enlisted in 22nd EAC Meeting for the violation of EIA Notification, 2006 on 21st May 2019.

Details of the project is as follows:

i. The status of construction is give below:-

S. No.	Description	Status (Present)	Status (To Be Done)
1.	Construction Status of all Towers	Completed	-
2.	Status of STP	Mechanical & civil work done. Ready for operation.	-
3.	Status of Rain Water Harvesting	Completed (2 no.)	-
4.	Status of Landscape	80% completed	Plantation of 412 trees is yet to be done.
5.	Status of DG set and stack	1 x 1010 KVA of DG sets has been installed.	1x1010 KVA and 1x500 kVA of DG is yet to be installed.

ii. The total plot area is 11,537.50m², Net plot area is 8653.43m², FAR area is 15141.25m² and total construction (Built-up) area of 29523.05 m². Green area of approximately 1730.68 m² will be developed. The total estimated cost of the project is Rs. 69.11 Crores.

iii. During construction phase, total water requirement is expected to be 15 KLD which will be met by HUDA. During the construction phase, soak pits and septic tanks will be provided for disposal of waste water. Temporary sanitary toilets will be provided during peak labor force.

iv. During operational phase, total water demand of the project is expected to be 164 KLD and the same will be met by 21 KLD fresh water from HUDA and 63 KLD from In house STP for flushing, gardening & misc. purposes and rest 80 KLD will be outsourced STP treated recycled water for DG & HVAC Cooling. Total waste water generation from the complex will be 66 KLD which will be treated in STP of 90 KLD.

v. The solid waste generation in the complex shall be 285 kg/day out of which 200 kg/day biodegradable waste shall be treated in Organic Waste Converter and convert the waste into manure. The compost shall be used in green area within the project premises & unused manure shall be given to nearby nursery. Recyclable waste & plastic waste shall be given to authorized vendor. Used oil of 16 lit/month shall be given to approved recycler as per The Hazardous & other Wastes (Management and Tran boundary) Rules, 2016. E-waste

generated from complex shall be handed over to approved recycler and Battery waste shall be disposed as per the Battery waste (Management & Handling) Rules, 2001.

- vi. The total power requirement during construction phase is 125 KVA and will be met by DG Sets and total power requirement during operation phase is 1800 kW and will be met from Dakshin Haryana Bijli Vitran Nigam. Total DG Set of capacity 2x1010 KVA & 1x500 KVA which shall be used only when there is power failure and stack height of 6 m above roof level have already been installed.
- vii. Rooftop rainwater of buildings will be collected in 2 RWH pits for harvesting.
- viii. Parking facility for 268 ECS (four wheelers and two wheelers) is proposed to be provided against the requirement of 202 ECS.
- ix. Proposed energy saving measures would save about 1 % of power.
- x. It is located within 10 km of Eco Sensitive areas (**Yes/No**)- No Eco Sensitive areas is present within 10 km of the project site.
- xi. NBWL Clearance is required: **Yes/No**- No.
- xii. Forest Clearance is required: **Yes/No**- No.
- xiii. Court case pending against the project (**Yes/No**). No.
- xiv. Investment/Cost of the project is Rs. 69.11 (Crore).
- xv. Employment potential- it will provide employment to 120 no of labours during construction phase & 1400 number as office staff & 500 nos. as visitors.
- xvi. Benefits of the project: -

Social Benefits:

- The proposed project has provided employment opportunities to 120 no. of labours during construction phase.
- It has led to increase in the infrastructure of the area and encouraged others for further development of the area.
- It will increase Infrastructure of the area & will be a planned & managed development in the area.
- It will set a precedent for others to develop planned Commercial Complex which will cumulatively help the area to be much more managed in future.

Environmental Benefits:

- Green area of 1730.68 m² will be developed after completion of the project which will serve a positive influence toward the environment.
- The construction and operation will promote a healthy environment for all involved, and it will not disrupt the land, water, resources and energy in and around the building.
- Energy efficient building material during construction stage will help in the reduced impact on environment directly & indirectly.
- The planned Commercial Complex will prove to be an Environment friendly (with minimal air & noise pollution impacts & well managed waste & waste

	<p>water) healthy & green (with proper landscaping), spacious (with proper parking, traffic circulation, play area & open spaces) & safe premise (a gated & guarded society) for living. People will have more open and green spaces, bringing them closer to nature & away from the rush & fuss of the polluted cities.</p> <p>Financial Benefits:</p> <ul style="list-style-type: none"> • Additional revenue generation to the will be provided after completion of commercial complex. • Major income source to an important section of society and also to the upcoming investors.
22.3.4.3	<p>Observations and recommendations of committee of 17th EAC meeting held on held on, 29-31 January, 2019:</p> <p>PP and consultant made a detailed presentation before the EAC. EAC after detailed deliberation on the information submitted and presentation made by PP, <i>recommended to defer</i> the project for want of submission of following information:</p> <ol style="list-style-type: none"> 1. Conservation plan for schedule 1 species to be submitted duly approved by Chief Wildlife Warden. 2. Since STP waste water was used during construction and likely impact on health be assessed and presented. 3. Rework the damage assessment work cost over and above CER/EMP cost. 4. Ionic balance of water quality and along with soil quality is to be rechecked. 5. Proof for action initiated against the project proponent under the provisions of section 19 of the Environment (Protection) Act, 1986. 6. Environment baseline matrix shall be modified and the budgetary estimate for damage assessment shall be revised with a 3-year action plan to be resubmitted on the following points: <ul style="list-style-type: none"> • Air Quality modelling and GLC prediction with input data during the construction and operation, including DG Sets and transport movement and the impact on the construction workers nearby habitations. • Water- Impacts on Surface/Ground water and construction workers, their consumption and waste water generation impact and RWH system nonprovision thereof. • LULC comparison and impact evaluation. • Non-provision of green belt and the quantity. • Nosie modelling during construction phase. • ECBC 2007/2017 compliance by perspective method to be furnished and the cumulative impact due to non-provision so far. • Waste management during construction and subsequent damages to remediated.
22.3.4.4	<p>Observations and recommendations of 20th EAC meeting held on held on, 28th-29th March, 2019:</p>

	<p>PP along with the consultant made the detailed presentation on the detailed sought in 17th EAC meeting held on held on, 29-31 January, 2019. The EAC <i>deferred</i> the proposal because of following short fall while appraising the project:</p> <ol style="list-style-type: none"> 1. Impact on local infrastructure due to construction workers. 2. Status of EC/BC compliance. 3. Installation of solar power at 1% of the demand. 4. AAQ impact considering the total construction activity needs to be reworked in addition to impact in the core zone. 5. Certificate for analysis of water quality parameters to be submitted for the water supplied to the workers for drinking purpose. 6. Comparing the LULC and consequent impact on the core zone and the buffer zone. 7. Soil quality be checked with respect to texture and cation exchange capacity moreover unit of NPK values be given in kg/ha not in mg/kg 8. Water analysis data need to be furnished. Water analysis results (post construction stage) indicate increase in the conc. Level of most of the parameters. Reason for the same shall be submitted. 9. Damage assessment in respect of water environment to be reassessed and the matrix value has to be revised accordingly. 10. Summary of damage matrix and over all damage assessment, subsequent final damage assessment needs to be changed in line with the above observation. 11. Rework for ecological damage assessment. 12. Rework for traffic damage assessment considering 5 km radius from the project site. 13. Rework geological and hydrological damage assessment. 14. Budget of damaged remediation plan, natural resource and community resource augmentation plan shall be revised. 15. Year wise (3 years) summary for the remediation plan, natural resource and community resource augmentation plan shall be submitted.
22.3.4.5	<p>Observations and recommendations of Present EAC committee:</p> <p>PP along with the consultant submitted the additional information, as sought in the earlier meeting of EAC held on 27th-29th November, 2018 and made detailed presentation before the Committee. The Committee observed that PP has submitted Remediation plan and Natural and Community Resource Augmentation plan with a cost of Rs. 1,13,09,000/-.</p> <p>EAC also noted that Case (Case No. 27/2019) has been filed under section 15 of EP Act 1986 against M/s Spaze Towers Pvt. Ltd. in Special Environment Court, Faridabad by the Haryana State Pollution Control Board.</p> <p>Based on the data presented and after detailed deliberations on the documents furnished by the project proponent. EAC sought following additional information from the PP:</p>

1. Impact on air index has to be revised.
2. In case of damage to water regime regarding the consumption of water by construction workers, the deficiency in rain water recharging, and the rain water harvesting was inadequate. According to revise the remediation regarding to damage of water regime as mentioned above.
3. The utilization of top soil was inadequate and hence, revise the remediation plan due to damage in land environment.

The PP has submitted the above requisite information along with the revised amount of **Rs. 1, 46, 24,000/-** for the remediation and natural & community resource augmentation plan before the Committee on 22.05.2019.

Hence, EAC, after detailed deliberations on the additional information submitted by the PP, **recommended** the proposal for **grant of Environmental Clearance** subject to the following specific conditions in addition to all standard conditions applicable for such projects:

- I. EAC recommended for an amount of Rs **1, 46, 24,000/-** towards Remediation plan and Natural and Community Resource Augmentation plan to be spend within a span of three years. The details are given below:

➤ **Cost of Remediation Plan**

S. No.	Particular	Remediation Budget (INR)
1	Air Environment	a) Distribution of Wayu purifier @ ₹ 60,000 for 16 units = ₹ 9,60,000 b) Maintenance of Wayu Purifier for 3 years @ 1500/month = ₹ 8,64,000 c) Distribution of Sprinkler system <ul style="list-style-type: none"> • Sprinkler @ Rs. 1000/per pc for 100 = ₹ 50,000 • Twin Filtration system @ Rs. 15000/pc for 6 units = ₹ 90,000 • Pump @ RS. 10000/pc for 5 units = ₹ 50,000 • Water Distributing Pipeline @ Rs 165/m for length of 1000 m = ₹ 1,65,000 d) Plantation and Maintenance of Plants in Nearby area road @ ₹ 1,500 for 140 units = ₹ 2,10,000 Total Cost contributed towards Air Environment = ₹ 23,89,000
2.	Water Environment	a) Installation of Rain Water Harvesting Pits (Diameter 4 m & Depth- 4.5 m) in nearby village @ ₹ 3,00,000 per RWH pit (including raw material, labour, profit, construction, pipeline) for 10 units = ₹ 30,00,000 b) Maintenance of Rainwater Harvesting Pit before monsoon and after monsoon for 3 year @ ₹ 5,000/year/RWH Pit for 10 units = ₹ 1,50,000 c) Procurement of RO Plant(1000 LPH) @ ₹ 2,00,000 for 9 units = ₹ 18,00,000 d) Installation of RO plant @ ₹ 5,000 for 9 units = ₹ 45,000

		e) Maintenance of RO Plant for 3 years @ ₹ 10,000/ year/ RO for 10 units = ₹ 2,70,000 Total Cost to be contributed towards Water Environment= ₹ 52,65,000
3.	Land Environment/Soil Environment	a) Development of Park (in Consideration with Panchayat, development of Panchayat Park) = ₹ 7,00,000 Total cost to be contributed towards Land Environment/Soil Environment = ₹ 7,00,000
4.	Noise Environment	a) Distribution of PPE (Personal Protective Equipment) to labors @ ₹ 2,00,000 = ₹ 2,00,000 Total cost to be contributed towards Noise Environment = ₹ 2,00,000
5.	Waste Management	a) Distribution of Organic Waste Converter in Nearby Panchayat @ ₹ 15,00,000 for 1units = ₹ 15,00,000 Total cost to be contributed towards Waste Management = ₹ 15,00,000
6.	Biological Environment	Plantation in nearby area @ Rs. 1500 x 1000 = INR 15,00,000/- Total cost to be contributed towards Biological Environment = ₹ 15,00,000

➤ **Year wise break up of Remediation Plan**

S. No.	Activity	YEAR-WISE IMPLEMENTATION BUDGET (INR)			Total Budget (INR)
		1 st Year	2 nd Year	3 rd Year	
1.	Air Environment	₹ 18,13,000	₹ 2,88,000	₹ 2,88,000	₹ 23,89,000
2.	Water Environment	₹ 19,55,000	₹ 16,55,000	₹ 16,55,000	₹ 52,65,000
3.	Land/ Soil Environment	₹ 7,00,000	₹ 0	₹ 0	₹ 7,00,000
4.	Noise Environment	₹ 0	₹ 2,00,000	₹ 0	₹ 2,00,000
5.	Waste Management	₹ 5,00,000	₹ 5,00,000	₹ 5,00,000	₹ 15,00,000
6.	Ecological Environment	₹ 7,50,000	₹ 7,50,000		₹ 15,00,000
TOTAL BUDGET FOR REVISED REMEDIATION PLAN (INR)					₹ 1,15,54,000

➤ **Year wise breakup of Natural Resource and Community Welfare Augmentation Plan Budgetary Allocation**

S. No.	Aspect	Activity	YEAR-WISE IMPLEMENTATION BUDGET (INR)			Total Budget (INR)
			1 st Year	2 nd Year	3 rd Year	
1.	Natural Resource Augmentation	Providing Solar Lighting in the village and School (16kW solar Panel installation)	₹ 16,00,000	-	-	₹16,00,000
TOTAL BUDGET FOR NATURAL RESOURCE AUGMENTATION PLAN (INR)						₹16,00,000

1.	Community Welfare	Construction of sanitation facilities. (Provision of 15 number of toilets)	₹ 4,00,000	₹ 3,50,000	-	₹ 7,50,000
2.		Provision of 24 Computers in the schools @ 30,000 each	₹ 3,60,000	₹ 3,60,000	-	₹ 7,20,000
TOTAL BUDGET FOR COMMUNITY WELFAREAUGMENTATION PLAN (INR)						₹ 14,70,000

➤ **Summary**

S. No.	PARTICULARS	PROPOSED BUDGET (INR)
1.	Remediation Plan	₹ 1,15,54,000
2.	Natural Resource Augmentation plan	₹16,00,000
3.	Community Resource Augmentation Plan	₹ 14,70,000
	TOTAL BUDGET FOR REMEDIATION, NATURAL & COMMUNITY RESOURCE AUGMENTATION	₹ 1,46,24,000

- II. Total budgetary provision with respect to Remediation plan and Natural & Community Resource Augmentation plan is **Rs. 1, 46, 24,000/-**. Therefore, project proponent shall be required to submit a bank guarantee of an amount of **Rs. 1, 46, 24,000/-** -towards Remediation plan and Natural and Community Resource Augmentation plan with the SPCB prior to the grant of EC.
- III. Remediation plan shall be completed in 3 years whereas bank guarantee shall be for 5 years. The bank guarantee shall be released after successful implementation of the EMP, followed by recommendations of the EAC and approval of the regulatory authority.
- IV. Fund allocation for Corporate Environment Responsibility (CER) of Rs. **138.22 Lacs** to be implemented.
- V. Approval/permission of the CGWA/SGWA shall be obtained before drawing ground water for the project activities, if applicable. State Pollution Control Board (SPCB) concerned shall not issue Consent to Operate (CTO) till the project proponent obtains such permission.
- VI. Effective air pollution mitigation plan submitted to the Ministry shall be implemented in toto.
- VII. Project proponent shall take necessary other clearances/permissions under various Acts and Rules if any, from the respective authorities / department.
- VIII. PP shall implement RWH system as per the building code and guidelines.
- IX. PP shall comply with the requirement of Green Belt (GB) guidelines of MOEF, apart from the committed GB during the meeting.
- X. PP shall comply with ECBC of 2017 applicable for commercial buildings.
- XI. PP shall generate @1% of solar power/renewable energy, of the total

	<p>demand.</p> <p>XII. Approved Conservation plan for Schedule I species to be implemented with fund provision of rupees of 9.0 lakhs in consultation with State Forest department.</p>
22.3.5	<p>Commercial Complex 'Spaze Boulevard II' at village Tikri, Sector - 47, Gurgaon, Haryana by M/s Spaze Towers Pvt. Ltd. - Further consideration for Environmental Clearance [IA/HR/MIS/84791/2017 date 05.11.2018] [F. No. 23-40/2018-IA.III]</p>
22.3.5.1	<p>M/s Spaze Towers Pvt. Ltd. has made online application vide proposal no. IA/HR/MIS/84791/2017 date 05.11.2018 seeking Environmental Clearance for the above mentioned proposed project. The proposed project activity is covered under 'B' category of item 8(a) of the Schedule to the EIA Notification, 2006 and the proposal was appraised at Central level as tenure of SEIAA at Haryana was completed.</p>
22.3.5.2	<p>Details of the project as per the submission of project proponent:</p> <p>The project is Commercial Complex "Spaze Boulevard II" at Village Tikri, Sector-47, Gurgaon, Haryana, being developed by M/s Spaze Towers Pvt. Ltd. The total plot area of the project site is 8979.96 m², net plot area is 7643.285 m² and Built-up area of 23,602.666 m². The license has been granted by DTCP vide letter no. LC-1127/DB(R) 2014/27529 dated 09.09.2007. Now, the license has again been renewed upto 08.09.2019.</p> <p>The Project was applied for environmental clearance on 13.09.2010 at Haryana SEIAA. There were some short comings in application and the required documents were submitted and after many submissions of reply, case was not granted environmental clearance and in the meantime the construction was started at the site.</p> <p>Later on, Show cause notice was issued vide order no. HSPCB/GRN/2016/6727-28 dated 20.07.2016 under Section 15 of EPA, 1986 for violation of amended EIA Notification dated 14.09.2006.</p> <p>Thereafter, as per the notification vide S.O. 804(E) dated 14.03.2017 case was applied under violation on 09.05.2017 as construction work started without getting Environmental Clearance.</p> <p>The total built-up area of the project is 23,602.666 m² which is less than 1,50,000 m² thus, it falls under category 8(a) of EIA Notification, 2006. However, as per the notification vide S.O. MoEFF&CC Notification no. S.O 804 (E) dated 14.03.2017, where it has been clearly notified that the violation cases/noncompliance will be treated as 'A' category project.</p> <p>Thereafter, TOR was granted by MoEF&CC vide its letter no. F.No. 23-40/2018-IA-III dated 16.04.2018 under violation notification. Now as per amendment in notification vide S.O. 1030(E) dated 08.03.2018 & OM no. Z-11013/22/2017- IA. II (M) dated 15.03.2018 & 16.03.2018, the project falls under category 'B', of Schedule 8(a) & is exempted from Public Hearing and will be appraised by SEAC/SEIAA, Haryana.</p>

The project was applied in SEAC/SEIAA, Haryana. Since, the tenure of Haryana has completed, we have again submitted the EIA Report in MoEF&CC on 05.11.2018. The case was appraised in the 17th EAC meeting for the violation of EIA Notification, 2006 on 29.01.2019. Few queries were raised; the reply of the queries was submitted to MoEF&CC on 28.02.2019. Again, the case was appraised in the 20th EAC Meeting for the violation of EIA Notification, 2006 on 29.03.2019. Few queries were raised again; the reply of the queries was submitted to MoEF&CC on 24.04.2019. Now the case is again enlisted in 22nd EAC Meeting for the violation of EIA Notification, 2006 on 21st May 2019.

Details of the project is as follows:

i. The construction status is given below:-

S. No.	Floors	Slab Level	Internal Brickwork	External Brickwork	Exterior finishing work
1	12th Floor	100%	100%	100%	Yet to be done
2	11th Floor	100%	100%	100%	Yet to be done
3	10th Floor	100%	100%	100%	Yet to be done
4	9th Floor	100%	100%	100%	Yet to be done
5	8th Floor	100%	100%	100%	Yet to be done
6	7th Floor	100%	100%	100%	Yet to be done
7	6th Floor	100%	100%	100%	Yet to be done
8	5th Floor	100%	100%	100%	Yet to be done
9	4th Floor	100%	100%	100%	Yet to be done
10	3rd Floor	100%	100%	100%	Yet to be done
11	2nd/service Floor	100%	100%	100%	Yet to be done
12	1st Floor	100%	100%	100%	Yet to be done
13	Ground Floor	100%	100%	100%	Yet to be done
14	Basement 1	100%	100%	100%	Yet to be done
15	Basement 2	100%	100%	100%	Yet to be done
16	Basement 3	100%	100%	100%	Yet to be done

- ii. The total plot area is 8979.96sqm, Net plot area is 7643.285sqm, FAR area is 13375.311 sqm and total construction (Built-up) area of 23602.66sqm. Total estimated cost of the project is Rs 46.76 Crores.
- iii. During operational phase, total water demand of the project is expected to be 106 KLD and the same will be met by 40 KLD fresh water from HUDA. Treated water will be 66 KLD which shall be utilized for flushing, gardening & DG cooling. Total waste water generation from the complex will be 70 KLD which will be treated in STP of 100 KLD. It will be a zero-discharge complex.
- iv. The solid waste generation in the complex shall be 336 kg/day out of which 235 kg/day biodegradable waste shall be treated in Organic Waste Convertor and convert the waste into manure. The compost shall be used in green area within the project premises & unused manure shall be given to nearby nursery. Recyclable waste & plastic waste shall be given to authorized vendor. Hazardous oil of 19 lit/month shall be given to approved recycler as per The Hazardous & other Wastes (Management and Transboundary) Rules, 2016. E-waste generated from complex shall be 5 kg/month which shall be handed over to approved recycler as per the Battery waste (Management & Handling) Rules, 2001.
- v. Power requirement for the whole complex shall be 1983 KW which shall be sourced through Dakshin Haryana Bijli Vitran Nigam and total DG Set of capacity 2x500 KVA & 1x250 KVA will be installed within the complex which shall be used only when there is power failure and stack height of 6 m above roof level shall be installed.
- vi. Rooftop rainwater of buildings will be collected in 2 RWH pits for harvesting after filtration.
- vii. Parking facility for 214 ECS (four wheelers and two wheelers) is proposed to be provided against the requirement of 178 ECS.
- viii. Proposed energy saving measures would save about 1 % of power.
- ix. It is located within 10 km of Eco Sensitive areas (**Yes/No**)-No Eco Sensitive areas is present within 10 km of the project site.
- x. NBWL Clearance is required: **Yes/No**- No.
- xi. Forest Clearance is required: **Yes/No**.- No.
- xii. Court case pending against the project (**Yes/No**). No.
- xiii. Investment/Cost of the project is Rs. 46.76(Crore).
- xiv. Employment potential- it will provide employment to 100 no of labours during construction phase & 554 number as office staff.
- xv. Benefits of the project: -
- Social Benefits:**
- The proposed project has provided employment opportunities to 100 no of labours during construction phase.
 - It has led to increase in the infrastructure of the area and encouraged others for further development of the area

	<ul style="list-style-type: none"> • It will increase Infrastructure of the area & will be a planned & managed development in the area. • It will set a precedent for others to develop planned Commercial Complex which will cumulatively help the area to be much more managed in future. <p>Environmental Benefits:</p> <ul style="list-style-type: none"> • Green area of 1910.821 m² will be developed after completion of the project which will serve a positive influence toward the environment. • The construction and operation will promote a healthy environment for all involved, and it will not disrupt the land, water, resources and energy in and around the building. • Energy efficient building material during construction stage will help in the reduced impact on environment directly & indirectly. • The planned Commercial Complex will prove to be an Environment friendly (with minimal air & noise pollution impacts & well managed waste & waste water) healthy & green (with proper landscaping), spacious (with proper parking, traffic circulation, play area & open spaces) & safe premise (a gated & guarded society) for living. People will have more open and green spaces, bringing them closer to nature & away from the rush & fuss of the polluted cities. <p>Financial Benefits:</p> <ul style="list-style-type: none"> • Additional revenue generation to the will be provided after completion of commercial complex. • Major income source to an important section of society and also to the upcoming investors.
22.3.5.3	<p>Observations and recommendations of committee of 17th EAC meeting held on held on, 29-31 January, 2019:</p> <p>PP and consultant made a detailed presentation before the EAC. EAC after detailed deliberation on the information submitted and presentation made by PP, <i>recommended to defer</i> the project for want of submission of following information:</p> <ol style="list-style-type: none"> 1. Conservation plan for schedule 1 species to be submitted duly approved by Chief Wildlife Warden. 2. Since STP waste water was used during construction and likely impact on health be assessed and presented. 3. Rework the damage assessment work cost over and above CER/EMP cost. 4. Ionic balance of water quality and along with soil quality is to be rechecked. 5. Proof for action initiated against the project proponent under the provisions of section 19 of the Environment (Protection) Act, 1986. 6. Environment baseline matrix shall be modified and the budgetary estimate for damage assessment shall be revised with a 3-year action plan to be resubmitted on the following points: <ul style="list-style-type: none"> • Air Quality modelling and GLC prediction with input data during the construction and operation, including DG Sets and transport movement and the impact on the construction workers nearby habitations.

	<ul style="list-style-type: none"> • Water- Impacts on Surface/Ground water and construction workers, their consumption and waste water generation impact and RWH system nonprovision thereof. • LULC comparison and impact evaluation. • Non-provision of green belt and the quantity. • Noise modelling during construction phase. • ECBC 2007/2017 compliance by perspective method to be furnished and the cumulative impact due to non-provision so far. • Waste management during construction and subsequent damages to be remediated.
22.3.5.4	<p>Observations and recommendations of 20th EAC meeting held on held on, 28th-29th March, 2019:</p> <p>PP along with the consultant made the detailed presentation on the detailed sought in 17th EAC meeting held on held on, 29-31 January, 2019. The EAC <i>deferred</i> the proposal because of following short fall while appraising the project:</p> <ol style="list-style-type: none"> 1. Impact on local infrastructure due to construction workers. 2. Status of EC/BC compliance. 3. Installation of solar power at 1% of the demand. 4. AAQ impact considering the total construction activity needs to be reworked in addition to impact in the core zone. 5. Certificate for analysis of water quality parameters to be submitted for the water supplied to the workers for drinking purpose. 6. Comparing the LULC and consequent impact on the core zone and the buffer zone. 7. Soil quality be checked with respect to texture and cation exchange capacity moreover unit of NPK values be given in kg/ha not in mg/kg 8. Water analysis data need to be furnished. Water analysis results (post construction stage) indicate increase in the conc. Level of most of the parameters. Reason for the same shall be submitted. 9. Damage assessment in respect of water environment to be reassessed and the matrix value has to be revised accordingly. 10. Summary of damage matrix and over all damage assessment, subsequent final damage assessment needs to be changed in line with the above observation. 11. Rework for ecological damage assessment and the restoration plan. 12. Rework for traffic damage assessment considering 5 km radius from the project site. 13. Rework geological and hydrological damage assessment. 14. Budget of damaged remediation plan, natural resource and community resource augmentation plan shall be revised.

	15. Year wise (3 years) summary for the remediation plan, natural resource and community resource augmentation plan shall be submitted.
22.3.5.5	<p>Observations and recommendations of Present EAC committee held on 21-22nd May 2019:</p> <p>PP along with the consultant made the detailed presentation on the information sought by the EAC in its 20th EAC meeting held on, 28th-29th March, 2019. The Committee after detailed deliberations on the sought additional information and based on the documents furnished by the project proponent, deferred the proposal for want of following information:</p> <ol style="list-style-type: none"> I. Damage assessment of Air and water needs to be revised and also revised the damage matrix. II. Damage assessment submitted by the PP does not cover all the attributes like noise, ecology, land and EC/BC etc. III. Land use land cover has not been properly worked out. IV. Submission of plantation details. <p>EAC also recommended the site visit to the project site for ascertaining prevailing environmental settings.</p>
22.3.6	<p>Sivaganga Graphite Mining project with enhancement of production capacity from 60,000 TPA to 1,05,000 TPA Graphite ROM in the mine lease area of 236.85 Ha at Survey Nos. 89/1, 32/2&4, 3/14 & Ors. at Villages Pudupatti, Senthidayanathapuram and Kumarapatti, Taluk & District Sivaganga, Tamil Nadu by M/s Tamil Nadu Minerals Ltd. - Further consideration for Environmental Clearance</p> <p>[IA/TN/MIN/94181/2017 dated 04.02.2019] [F. No. 23-153/2018-IA.III (V)]</p>
22.3.6.1	<p>M/s Tamil Nadu Minerals Ltd. has made online application vide proposal no. IA/TN/MIN/94181/2017 dated 04.02.2019 seeking Environmental Clearance for the above mentioned proposed project. The proposed project activity is covered under 'A' category of item 1(a) of the Schedule to the EIA Notification, 2006 and the proposal was appraised at Central level.</p>
22.3.6.2	<p>Details of the project as per the submission of project proponent:</p> <ol style="list-style-type: none"> 1. Name of the project:- Sivaganga Graphite Mines of M/s. Tamil Nadu Minerals Limited 2. Name of the Company, Address Tele No. & E-mail Head of organization:- M/s. Tamil Nadu Minerals Limited (A Government of Tamil Nadu Undertaking) THIRU.MAHESAN KASIRAJAN,I.A.S., Managing Director, M/s. Tamil Nadu Minerals Limited, 31 Kamarajar Salai, Chepauk, Chennai – 600005, Tamil Nadu E mail: tamin@tamingranites.com Telephone : 044 - 28524563, 044 – 28525113 Fax No. : 044-28524960 Mobile : 9488855535 3. If a Joint venture, the names & addresses of the JV partners including their share:- Nil

	<p>4. Latitude and Longitude of the project:- North: N- 9° 54'0.72" E 78° 24' 4.32" East: N- 9° 53'59.64 E 78° 27' 0.36" South: N- 9° 53' 24.00 E 78° 25' 26.04" West: N-9° 53' 11.76 E 78° 23'40.20"</p> <p>5. Whether the project is in the Critically Polluted Area (CPA):- No</p> <p>6. Cost of the project:- Rs 200 lakhs</p> <p>7. Whether new or expansion project. If expansion: - Expansion (i) from MT to MT - From 0.6 Lakh TPA to 1.05 Lakh TPA (ii) What is the % of expansion:- 75%</p> <p>8. If for expansion, whether the application is under 7(ii) of the EIA Notification, 2006.:- Yes. Applied for seeking prior environmental clearance for increasing the production capacity from 0.6 lakh TPA to 1.05 lakh TPA</p> <p>9. No. and Date of the ToR /and revised ToR, if any, letter issued by the MoEF (if this is a case for EC)</p> <ul style="list-style-type: none"> • TOR for project area of 319.01 Ha(Comprising 236.85Ha of ML area and 82.16 Ha external dump area outside the lease) for production capacity of 0.6 lakh TPA was obtained vide letter no. J.11015 /204/2010 – IA.II (M) dated 19th August 2010 and extension of validity for the same was obtained in 26th March 2013. For this proposal, Public Hearing was conducted on 27.06.2013 and Final EIA was prepared and submitted to MOEF&CC vide letter No. 11595/ML1/2006 dated 14.08.2013. • In the mean time as per the subsequent amendment of Indian Bureau of Mines rules, dumping has to be carried out within the lease area only. Hence the project area got reduced from 319.01 Ha to 236.85 Ha. Subsequently, production enhancement for 1.05 Lakh TPA is also planned. • Proponent applied for Environmental clearance for ML area of 236.85 Ha and also for increase in production capacity to 1.05Lakh TPA from 0.6 lakh TPA of Graphite. ToR for this expansion project issued by MoEF&CC by their letter No. J-11015/64/2015-IA.II (M) dated 28th May, 2015. • Environmental Clearance application is submitted under violation category vide proposal no IA/TN/MIN/64509/2017 dated 19th May 2018. Proposal Acceptance received from Ministry on 20.06.2018. Proposal Considered in for 9th meeting of EAC Violation meeting to be held on 27-28 June 2018 & ToR issued vide No. 23-153/2018-IA.III (V) dated 13.11.2018. <p>10. No. and Date of the EC and the revised EC letter issued by the MoEF (if this is a case for reconsideration. If so, what specific reconsideration(s) being sought by the proponent):- Not Applicable</p> <p>11. If the project was considered in EAC, Pl. give dates of the meeting (s):-</p> <ul style="list-style-type: none"> • For TOR - Item No 2.37in Agenda for 32ndmeeting of the reconstituted expert appraisal committee (non-coalmining), scheduled during April 30, 2015. • For EC - Item No 2.22 in Agenda for 14thmeeting of the reconstituted expert appraisal committee (non-coalmining), scheduled during January 31, 2017.
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	<ul style="list-style-type: none"> • Proposal Considered in for 9th meeting of EAC Violation meeting to be held on 27-28 June 2018 & ToR issued vide No. 23-153/2018-IA.III (V) dated 13.11.2018 <p>12. Type of Mine: (Open cast/Underground/mixed):- Opencast Semi- Mechanized Method</p> <p>13. Capacity of the mine applied for:- Increase in production capacity to 1.05LTPA from 0.6 LTPA of Graphite.</p> <p>14. ML Area (i) As per block allotment (ii) As per approved mine plan:- 236.85 Ha</p> <p>15. Date of approval of mine plan, mine closure plan, status & date:-</p> <ul style="list-style-type: none"> • The Mining Plan for Sivaganga Graphite Mine was approved by the Regional Controller of Mines, Indian Bureau of Mines, Chennai vide TN/PMT/MP/GM-676, MDS, dated: 11.03.1994 over an extent of 242.46.5Ha. Subsequently, the First Phase of Scheme of Mining for the above said area was approved by the Controller of Mines, Indian Bureau of Mines, Bangalore vide TN/SG/GR/MS-75/SZ, dated: 20.07.2000 for the period pertaining to the years from 1999-2000 to 2003-2004 over an extent of 242.46.5Ha. • Second Phase of Scheme of Mining pertaining to the years from 2004-2005 to 2008-2009 was also approved by the Controller of Mines, Indian Bureau of Mines, Bangalore vide TN/SG/GR/MS-260-SZ, dated: 24.12.2004 over an extent of 242.46.5Ha. • The Scheme of Mining for Renewal of Lease over an extent of 236.85.0Ha was approved by the Regional Controller of Mines, Indian Bureau of Mines, Chennai-90 vide TN/59/GR/MS-SZ, dated: 24.12.2004 pertaining to the years from 2009-2010 to 2013- 2014 over an extent of 236.85.0Ha. • Scheme of Mining including Progressive Mine Closure Plan for 1.05 LTPA graphite production approved vide letter no. TN/SGN/GR/MS-1123-MDS dated 03.09.2014. Scheme of mining period: 2014-15 to 2018-19, scheme is valid till 31.03.2019. • The Scheme of Mining –II for period of 2019-20 to 2023-24 is prepared and submitted for approval vide letter Rc. No. 11595/ML1/2005; dated 13.11.2018. <p>16. Date of Board's approval:- 23/07/2014</p> <p>17. Date of Ground water clearance and surface water approval:- Not Applicable</p> <p>18. Existing Ground water level in (M):- Core Zone – 18 to 25 m; Buffer zone – 15 to 20 m in few places and greater than 35 to 50 m in many places based on type of soil, Phreatic water storage occurrences etc.,</p> <p>19. Date of mine closure approval:- Scheme of Mining including Progressive Mine Closure Plan for 1.05 LTPA graphite production approved vide letter no. TN/SGN/GR/MS-1123-MDS dated 03.09.2014</p> <p>20. Any river/Nallah flowing near or adjacent to the proposed mine. If yes, please give details:- Uppar river - 1.28km, West. Few ponds spread over the Mine lease and the nearby areas</p>
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21. Details of mine lease:-

1. Date of entering into Original lease deed. <i>G.O.Ms.No.1328 dated 24.12.1986</i>	1. Date of 1st lease Renewal: <i>Lease renewal application filed on 24.4.2006. As per MMDR order, this lease is valid up to 31.03.2030</i>
2. Date of expiry of original lease deed: <i>15.05.2007</i>	2. Whether renewal or deemed renewal <i>Deemed renewal</i>
	3. Date of expiry of 1st lease renewal/deemed Renewal <i>31.03.2030</i>

II TECHNICAL DETAILS

21. Geological Reserve:

- (i) Total geological reserve-** *4.041 Million Tonnes*
- (ii) Mineable reserve-** *3.407 Million Tonnes*
- (iii) Extractable reserve-** *3.407 Million Tonnes*
- (iv) Percent (%) of extraction -** *84.31% (Total Geological Vs Mineable Reserves)*
- (v) Range of ground water level –**
Core Zone – 18 to 25 m; Buffer zone – 15 to 20 m in few places and greater than 35 to 50 m in many places based on type of soil, Phreatic water storage occurrences etc.,
- (vi) Total estimated water requirement -** *40 KLD*
- (vii) Details of intersecting ground water level:**
Present depth of mining 20 to 25 m. No water seepage observed now. Maximum proposed mine depth – 30 m. Due to less transmissivity, hydraulic discontinuity, occurrence of saturated water table mostly beyond 50m, no intersection of ground water table is envisaged.

22. Details of Deposits:

- (i) Depth of over body** - 30m bgl considered now
- (ii) Grade of ore** - Flaky variety with 14% average Fixed Carbon
- (iii) Stripping ratio** - 1:3.32 (Ore to Waste T: m³)

23. Method of mining: - Conventional open cast Semi-Mechanized Mining Technique.

24. Life of mine:

32.5 years (Considering the present proved mineable reserves, up to 30m depth. Further if the project resource is converted into proved category, the life of the mine is increase accordingly)

25. Whether ambient air quality seasonal data has been monitored. If so, from which season to Which season and whether the results are within the prescribed limits:

Monitoring were carried out during Post Monsoon season (October to December) of 2015. All monitored values of were found to be well within the prescribed limits.

26. Whether the monitoring report of earlier EC from MoEF Regional Office has been obtained, in case the proposal is for expansion – Not Applicable

27. Details of O.B

	<p>(i) External OB dumps : Nil</p> <p>(ii) No of OB dumps : Single</p> <p>(iii) Area of each dump : 82.16 Ha. external dump area outside the lease</p> <p>(iv) Height of each dump :--</p> <p>(v) Quantity (in MCm) of OB in each dump:--</p> <p>(vi) Year of back filling :--</p> <p>(vii) No. of OB dumps reclaimed :--</p> <p>(viii) If garland drains and settlement facility for runoff created:--</p> <p>(ix) Whether runoff water being utilized:--</p> <p>There are 5 old waste dumps and 2 top soil old dumps exist. Old external dumps located outside the lease area in the patta lands owned by the lessee will be stabilized, reclaimed with vegetative cover. Future external dumping is proposed within the lease area. The maximum height of the dump in the ultimate stage is expected to be 40m.</p> <p>28. Details of Internal Dumps:</p> <p>(i) Number of internal dumps : 5</p> <p>(ii) Area of each dump : Northern side of the Pit-II extension (41.72Ha.)</p> <p>(iii) Height of each dump : 20m with two benches each of 10m.</p> <p>(iv) Quantity of wastes filled (MCm) : 3, 71, and 240 Tonnes No back filing envisaged now.</p> <p>29. Utilization potential of wastes -:</p> <p>(i) Within the mines : 82.16 Ha. External dump area outside the lease</p> <p>(ii) Outside mines</p> <p>(iii) Efforts made by proponent</p> <p>The waste to be generated during entire mining is 11.32 Mil.Cu.m. Out of which 0.781Mil.Cu.m will be generated during the ensuring 5 year plan period. The waste encountered during scheme period is the overburden soil / inter burden and side burden. The top soil covering is being dozed and kept at a specific location of the lease area for growing vegetation, afforestation etc. The solid waste will be stacked in mine waste dumps.</p> <p>30. Details of final Mine Voids</p> <p>(i) Area : 67.88 Ha</p> <p>(ii) Depth : 30m bgl</p> <p>31. Details of Quarry:</p> <p>(i) Total quarry area : 67.88 Ha</p> <p>(ii) Backfilled quarry area ofshall be reclaimed with plantation</p> <p>Mining operation is presently planned up to a depth of 30 m from ground level. But as drilling operations have indicated the persistence of graphite ore beyond 30 m depth, extending down to 100 m, it is proposed not to close the mine & backfill at the expiry of present lease</p>
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period. Hence, the life of the mine may extend further and as such backfilling is not planned now.

(iii) A void of **67.88 Ha** at a depth of **30m** which is proposed to be converted into a water body

(iv) **Green belt created in ha.-10.46.00 Ha.**

32. Details of Land usage

(i) **Pre-mining** : Government Poromboke & Patta lands

(ii) **Post- Mining** :

Future mining operations till the end of the mining lease period will also be confined to 30 m depth only. But the graphite ore is available beyond 30 m depth, extending down to 100 m. Thus, it is proposed not to close the mine & backfill at the expiry of 30 years. Hence, the life of the mine may extend further and as such, mine closure is not planned now.

(iii) **Core area** : 236.85 Ha

33. Details of Forest issues : Nil

(i) Total forest area involved (in ha) for mining lease - **Nil**

(ii) Total broken forest area. - **Nil**

(iii) Status of Forest Clearance and extend of forest land diverted in ha. - **Nil**

(iv) Is there any National Park, eco-sensitive Zones, within 10 km radius? If so, give the details. - **Nil.**

(v) Extent of forest land in the project (including safety zone and all types of forest land) (in ha) - **Nil**

(vi) Total forest land for which Stage-1 FC is available (give area in ha), provide breakup of this area in following format: **Not Applicable**

Area (in ha)	Stage-1 FC issued vide letter no. & date	Validity period of earlier FC granted
Nil	Nil	Nil
Nil	Nil	Nil

(vii) Balance forest land for which Stage-1 FC is not available (give area in ha) - **Nil**

(viii) Details of wild life issues involved, if any. If so, whether WL management plan has been prepared; pl. indicate the status - **Nil**

(ix) Whether schedule -I species, if yes conservation plan is approved by CWLW? **Nil**

34. Costs of the project:

(i) **Total capital Cost:** - Rs. 200 lakhs

(ii) **Cost of Production:** -Dispatched directly to the beneficiation plant.

(iii) **Sale Price:** -Not considered

(iv) **CSR cost:** Rs. 2.0 Lakhs per Annum

(v) **R&R Cost:** Nil (Government Poromboke&Patta lands owned by TAMIN)

(vi) **No of PAFs:** - Nil

(vii) **Cost for implementing EMP:**

Towards EMP measures, the capital cost will be Rs. 38 Lakhs and annual recurring cost - Rs. 8.5 Lakhs . In case of any further necessity for funds for implementation of control

	measures arises, these will be met from operation cost without any constraint as and when required.	
35.	<u>Details of villages/habitation in mine lease area-</u> (i) Inside the lease (ii) Surrender by lease (iii) Extent of cropland acquired/ being acquired in ha.	Nil
36.	<u>Details of transportation of mineral</u> (i) In pit: <i>By Tippers</i> (ii) Surface to siding: <i>Not Applicable</i> (iii) Siding to loading: <i>Not Applicable</i> (iv) Quantity being transported by Road/Rail/conveyer /ropeway – <i>100% by road</i> (v) Proposed change in transportation means if any, give details - <i>Not Applicable</i>	
37.	<u>Details of reclamation:</u> a. Afforestation shall be done covering an area of:at the end of mining. This will include: (i) Reclaimed external OB dump (in ha) : Nil (ii) Internal dump (in ha) : 1.94.00 Ha (iii) Green belt (in ha) : 10.46.00 Ha. (iv) Density of tree plantation (in no of plants): 1600 No (v) Void (in ha) at a depth of (inm) which is proposed to be converted into water Body: 67.88 Ha/ 30 m (vi) Others in ha (such as excavation area along ML boundary, along roads and infrastructure, embankment area and in township located outside the lease etc). : As per current SOM Mining 32.60.0 Ha Infrastructure 0.72.0 Ha Mine road 5.20.5 Ha (vii) Agriculture and horticulture: (viii) Fisheries: (ix) ECO Tourist/recreation spot: Presently 5.98.50 Ha is covered under green belt within the mining lease area and ultimately during the conceptual period an area of 10.46.00 Ha will be covered under green belt. External dumps (Existing and Proposed) along with re-handled top soil, Mineral stockyard, and possible un-utilised areas will be covered by afforestation/green belt. Besides, vast stretch of land outside the lease is also covered with plantation. Entire mined out area of 67.88 Ha. will be left as water body now due to persistence of graphite beyond the present considered 30 m depth.	
III.	<u>LEGAL ISSUES -</u> Not applicable	
38.	Any court case pending. If so, please provide a list with details as annexure. (i). Environment (Protection) Act : Nil (ii). Air (P&CP) Act : Nil	

- (iii). Water (P&CP) Act : Nil
- (iv). MMRD Act : Nil
- (v). The Factories Act : Nil
- (vi). other land R&R related cases : Nil
- (vii) Others : Nil

39. Any violation cases pending. If so, please provide a list with details as annexure – Nil

40. Give details of actual production vis-à-vis sanctioned capacity since the inception of mine in following format or since 1993-94 as applicable:

Year	EC sanctioned capacity (MTPA)	Actual production	Excess production beyond the EC (MTPA) sanctioned capacity
This proposal is now applied for getting Environmental Clearance and year wise production since year 1994 is given below			

Year wise production details since year 1994 for graphite ore are shown below in tonnes

YEAR	PRODUCTION (IN TONNES)
Prior 1994 (1987 - 88)	3740.50
1994 - 1995	21329.008
1995 - 1996	15617.945
1996 - 1997	4658.985
1997 - 1998	39390.530
1998 - 1999	32655.850
1999 - 2000	17867.00
2000 - 2001	32464.00
2001 - 2002	50.320.00
2002 - 2003	41320.00
2003 - 2004	42627.00
2004 - 2005	42840.00
2005 - 2006	57200.00
2006 - 2007	58961.00
2007 - 2008	49308.00
2008 - 2009	59227.00
2009-2010	50764.00
2010-2011	49329.00
2011-2012	57205.00
2012-2013	67959.00
2013-2014	87995.00
2014-2015	71706.00
2015-2016	90275.00
2016-2017	92901.00

IV. PUBLIC HEARING ISSUES:

41. Date and Place of public hearing:

	<p>The Public hearing was conducted on 29.07.2016 in the Collectorate complex, Sivaganga district.</p> <p>42. The designation of officer presided over the PH The District Collector -Sivaganga, District Revenue Officer, Sivaganga district and the District Environmental Engineer - Tamil Nadu Pollution Control Board</p> <p>43. Issues raised during Public Hearing and assurance given alongwith the financial provisions and action plan, if any, by the project proponent. (Please attach as an annexure in a tabular form.) Public hearing was conducted on 29.07.2016</p> <p>44. Number of representation received in writing from the district and outside of district. Totally about 64 numbers of people were present for public hearing, of which about 11 persons expressed their views. No representation received.</p> <p>V. Consultant:</p> <p>45. Name of the EIA consultant who prepared the EIA/EMP report. Public Hearing report prepared by Creative Engineers&Consultant,Chennai-600059 In 2017 TAMIN Tender awarded to Hubert Environ Care Systems (P)Ltd. As per obtained violation ToR One month base line validation EIA report prepared and submitted by M/s Hubert Enviro Care Systems (P) Ltd.</p> <p>46. Whether the consultant has been accredited by the QCI and NABET as per the MoEF OM dated 2nd December, 2009. :- Yes.</p> <p>47. Name of specialists/consultants involved in making EIA report and in collecting data. M/s Hubert Enviro Care Systems (P) Ltd. Chennai</p> <p>48. Brief Background of the Project as per table:</p> <table border="1" data-bbox="406 1332 1460 1881"> <tr> <td data-bbox="406 1332 462 1556">1.</td> <td data-bbox="462 1332 917 1556"> Details of PP and Group companies (a)Financial Position (b) Group companies (c) Legal issues (d) Past and current litigations </td> <td data-bbox="917 1332 1460 1556">It's a Government of Tamil Nadu Undertaking</td> </tr> <tr> <td data-bbox="406 1556 462 1881">2.</td> <td data-bbox="462 1556 917 1881">Social, economic and environmental aspects of the project in brief.</td> <td data-bbox="917 1556 1460 1881">This working mine for the last 3 decades is located in a remote dry area. There are no other industries other than this in the entire region. All environmental mitigative measures are implemented by the project authorities. Rs 2.0 lakhs per annum is earmarked for future CSR activities.</td> </tr> </table>	1.	Details of PP and Group companies (a)Financial Position (b) Group companies (c) Legal issues (d) Past and current litigations	It's a Government of Tamil Nadu Undertaking	2.	Social, economic and environmental aspects of the project in brief.	This working mine for the last 3 decades is located in a remote dry area. There are no other industries other than this in the entire region. All environmental mitigative measures are implemented by the project authorities. Rs 2.0 lakhs per annum is earmarked for future CSR activities.
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22.3.6.3	PP along with the consultant made the detailed presentation. Based on the information as submitted and presented by the PP, the EAC deferred the proposal for want of following information:						

	<ol style="list-style-type: none"> 1. Damage assessment as quantified by the PP is hypothetical, some logical, scientific reasoning should have been given while calculating/quantifying the damage for all the environmental attributes. Revised remediation plan as per the damage assessed, revised natural and community resource augmentation plan is to be submitted. 2. Damage assessment is to be calculated by considering the excavation of mineral and Over burden. 3. Budget of remediation plan and natural and community resource augmentation plan corresponding to the ecological damage shall be completed within three years and to prepared accordingly. 4. The committee advised the EIA consultant to prepare presentation before the committee as per the compliance of specific ToR and standard ToR conditions issued by the Ministry. 5. Impact on surface water due to inward flow of water from catchment area without garland drain/check dam is to be assessed. 6. Justification for the Capital Cost. 7. Based on the revised Capital cost, revised CER budget is to be submitted as per the Ministry OM dated 01.05.2018 8. NOC from state ground water authority that project does not involve intersection of ground water table. 9. A detail of Over Burden along with proper reclamation plan is to be submitted. 10. The PP has to submit the proof of credible action taken by the concerned state government/ state pollution control board under the provisions of the section 19 of the Environment Protection Act 1986.
22.3.6.4	<p>Observations and recommendations of committee in the present meeting held on 21st-22nd May 2019:</p> <p>PP along with the consultant made the detailed presentation. Based on the information as submitted and presented by the PP, the EAC deferred the proposal for want of following information:</p> <ol style="list-style-type: none"> I. Damage assessment needs to be worked out from 93/94 instead of 2000/2001 as submitted by the PP. Though the profit accrued from 2000/2001 as per Hon.ble S.C order dated 02.08.2017 to be submitted. II. The ROM is transported to beneficiation plant which is located at a distance approx. 550 m from the mining lease boundary. PP is advised to rework the cumulative impacts including the impact on water regime and the rejects handling and disposal to tailing ponds taking into consideration of the beneficiation plant. EAC noted that the beneficiation plant is operated with a throughput capacity of 200 TPD and the recovery is reported to be around 15 % of the input without prior environment clearance.

	<p>III. Status of credible action initiated under E(P) Act 1986 for the violation.</p> <p>IV. Reference land use/land cover study.</p> <p>V. Revise the calculation of damage assessment by considering the OB dumped outside the mining lease area.</p> <p>VI. Mining plan approval for dumping of OB outside the mine lease area.</p> <p>VII. EMP cost (Capital and recurring) with all the activities.</p> <p>VIII. Revise the CER cost as per the Ministry OM dated 01.05.2018.</p> <p>IX. Submit the revised hierarchical system regarding reporting violation of Environmental norms.</p> <p>X. Submit the revised green belt development plan with cost location and area.</p>
22.3.7	<p>Mining of Quartz and Feldspar Minerals over an extent of 56.68 Ha, located at Sy. No.415, Village Bandivankacharla, Taluk Kulkcherla, District Rangareddy, Telangana by M/s Sri Ravi Seelamsetty - Further consideration for Terms of Reference [IA/TG/MIN/73867/2018 dated 31.03.2018] [F. No. 23-15/2019-IA.III (V)]</p>
22.3.7.1	<p>M/s Sri Ravi Seelamsetty has made online application vide proposal no. IA/TG/MIN/73867/2018 dated 31.03.2018 seeking Term of References for the above mentioned proposed project. The proposed project activity is covered under 'B' category of item 1(a) of the Schedule to the EIA Notification, 2006 and the proposal was appraised at Central level as tenure of SEIAA at Telangana was completed.</p>
22.3.7.2	<p>Details of the project as per the submission of project proponent:</p> <ol style="list-style-type: none"> 1. Project description The Proposal of Sri S. Ravi is for Mining of –Quartz and Feldspar from -Sri S. Ravi Mine- for production 3,00,000 TPA of Quartz and Feldspar with total Excavation of 3,17,430 Tonnes /Annum [Waste : 16590 TPA+ Top Soil ; 840 TPA] from mining lease area of 56.68 Ha located at Bandivankacherla Village, Kulkacherla Mandal, Ranga Reddy District, Telangana 2. Project Background The proposal of Sri S. Ravi is for production of 3,00,000 TPA of Quartz and Feldspar with total Excavation of 3,17,430 Tonnes /Annum [Waste : 16590 TPA+ Top Soil ; 840 TPA] from Sri S. Ravi Mine - (ML Area 56.68 Ha, located at Survey No.415, of Bandivankacherla Village, Kulkacherla Mandal, Ranga Reddy District, Telangana. The mining lease is located on Survey of India Topo-sheet no.56G/16. The area is bounded between the coordinates Latitude 17°01'50.01"N to 17° 2'45.83"N and Longitude 77°49'19.38"E to 77°49'30.88"E 3. Category of the Project (Refer cluster certificate if applicable) Project area is 56.68 Ha Category "B" as per MoEF&CC notification, S.O.3977 (E) dated 14.08.2018. The proposal is for appraisal at MoEF&CC as there is no SEIAA, Telangana, the proposed project activity is covered under 'Schedule 1(a) of EIA Notification, 2006 and is a category 'B' as per MoEF&CC Notification, S.O.3977 (E) dated 14.08.2018.

4. Violation Details & Sectorial EAC/SEAC Comments:

- The Mine was granted for Quartz and Feldspar for 20 years in favour of Kum. G.L. Nanditha on 04.06.2002.
- Lease was transferred and executed in favor of Sri S. Ravi on 31.10.2008
- The Dept. of Mines & Geology accorded permission to commence the Mining Operations w.e.f. 21.01.2009 to 02.12.2022.
- Production details available from 2010-2012, revealed that the mine was operating without obtaining the Environmental Clearance, till it has been stopped in October 2013.
- Sri S. Ravi submitted the necessary application to MoEF for approval of Terms of Reference.
- The proposal was considered in EAC meeting held during 25-26th February 2010. The TOR issued by MoEF vide letter no. J-11015/05/2010-IA.II (M) dated 9th March, 2010.
- Public Hearing was conducted on 04.01.2013.
- The Final EIA was submitted to the Ministry on 10.04.2013.
- The EAC Meeting was held during 25th September, 2013.
- It was noted as a case of violation of E (P) A, 1986 as the mine was in operation from 2010 to 2012 without obtaining Environmental Clearance.
- Based on the information furnished and presentation made by the PP and discussions held, the Committee decided to defer the proposal to be brought back to the committee after the following information is submitted
 - (i) the details of preventive measures to be undertaken for occupational health of the workers,
 - (ii) site specific conservation plan for the Scheduled-I species reported in the study area
 - (iii) Copy of Approved mining scheme for the period 2013-2018.
- Further MOEFCC has issued a letter no. J-11015/05/2010-IA.II [M] Dt. 31.12.2013. stating that (1) The matter relating to violation has been put to the Board of Directors of the Company or to the Managing Committee, for consideration of your environment related policy/plan of action and a written commitment in the form of a formal resolution is submitted to MoEF to ensure that violations of the Environment (Protection) Act will not be repeated (2) The State Government has initiated credible action on the violation against you under the Environment (Protection) act 1986 and evidence provided to MoEF of the action taken (3) You close down your mining operations with immediate effect. And also stated that while communications against (1) & (2) have been issued separately, these directions are being issued to ensure (3); and instructed Sri S. Ravi to stop the mining operations.
- Sri S. Ravi has submitted the reply to the above points in hard copy to MoEF& CC, Non- Coal Mining Committee on 17.01.2017.

- Against this MOEF & CC vide letter no. J-11015/05/2010-IA.II [M] dated 17.07.2017 instructed Sri S. Ravi to submit online the proposal afresh as violation case submitting the following information.
 - (i) Certificate Stating that mining activity of the said mine has been stopped (with date) and CTO/ Occupancy Certificate has been revoked, duly certified by the State Pollution Control Board
 - (ii) Detailed statement of past production since inception/after 1994 to till date duly certified by the Department of Mines and Geology
 - (iii) Details of violation proceedings, if any, already initiated or completed by the State Government in the instant proposal with supporting documents
 - (iv) Details of earlier applications made to MoEFCC, if any , for grant of EC
- Later the proposal was submitted on 16.11.2017 under violation vide Proposal No. IA/TG/MIN/68696/2017.
- Since the proposal under violation was submitted on 16.11.2017, the proposal has been resubmitted again in compliance with MoEF& CC Office Memorandum Dated 16th March, 2018 on 31.03.2018 under violation vide Proposal No.IA/TG/MIN/73867/2018.

The Project was considered during 17th meeting of Expert Appraisal Committee for the proposal involving violation of EIA Notification, 2006 held on 31.01.2019.

EAC during the appraisal observed that the proponent name has to be revised as per the Mining lease grant and also MoEFCC informed the PP to submit the proposal considering total excavation. As per the ADS raised by MoEF&CC vide 07.02.2019, Revised Form I, Revised Pre - Feasibility Report and Authenticated Production details were submitted to MoEFCC.

Present Status of the Project

- The Mine is not in operation from October 2013. Inspection report from Department of Mines and Geology stating that mining operation are stopped is issued vide letter No.3540/M/2008 dated 18.06.2015.
- As per the procedure of violation, a Case has been filed vide No.CC 54/2016 in the court of Judicial Magistrate of First class at Parigi on 15.06.2016 as per section 15 of Environment (Protection) Act. The Credible Action has been initiated and Proof of Evidence was submitted to the Ministry by Principal Secretary to Government, Government of Telangana vide Letter dated 18.10.2016.

5. Application(Form-1&PFR)

Fresh application along with Form-1 and PFR was filed online vide proposal no. IA/TG/MIN/73867/2018 dated 31.03.2018 under violation category for Term of References (ToR) as per Ministry's Notification S.O 804 (E). The Project was considered during 17th meeting of Expert Appraisal Committee for the proposal involving violation of EIA Notification, 2006 held on 31.01.2019.

EAC during the appraisal observed that the proponent name has to be revised as per the Mining lease grant and also MoEF&CC informed the PP to submit the proposal considering total excavation. As per the ADS raised by MoEF&CC vide 07.02.2019, Revised Form I, Revised Pre - Feasibility Report and Authenticated Production details were submitted to MoEF&CC.

6. Details of Minerals:

Number of minerals: One

Whether mineral is major or minor: Minor

Status of same mineral before 2006 (major or minor): Major

7. Letter of Intent (LoI)/Mining Lease Details:

Initially Mining lease for Quartz and Feldspar was granted on 04.06.2002 for 20 years (for the period from 03.12.2002 to 02.12.2022) in the name of G.L.Nanditha subsequently, Mining lease was transferred in the name of Sri S. Ravifor Quartz and Feldspar on 31.10.2008 with validity period from 21.01.2009 to 02.01.2022 by Industries & Commerce Department, Govt of Andhra Pradesh.

As per MMDR amendment Act 2015, lease period is valid upto fifty years i.e. upto 03.06.2052.

8. Method of Mining & Mining Plan Details:

Method of Mining is opencast mechanised method

- The mining will be carried out by forming benches.
- The entire Operation shall be done by forming benches of 6.0m height and width more than height.

- The Mining Scheme was approved by Joint Director of Mines & Geology vide Lr. No. 1889/MS/RR/2013 dated 23.05.2013 for the period 2013-14 to 2017-18. The new scheme is under process.

- **Please provide the details of drilling & blasting, bench height and width, ultimate pit limited, ultimate pit slope, intersection of ground water table if any,**

- Drilling is done with 115 mm dia holes with 3.5 m spacing and 3.0m Avg burden. The drilled holes are then blasted with Slurry Explosives & Ammonical Nitrate Fuel Oil Mixture.
- Bench Height: 6.0m
- Bench Width: more than bench height.
- Ultimate pit limit: 103m (msl)

	<ul style="list-style-type: none"> ➤ Ultimate pit Slope: 45° ➤ There is no intersection of Ground water table <p>● Number of top soil dumps with area and capacity, no of waste/reject dump with area and capacity during the plan period and at the conceptual stage, backfilling plan if any,</p> <ul style="list-style-type: none"> ➤ The waste material comprises of Top soil&Schist Weathered rock waste. About 676940Tonnes ofwaste is generated during the life of the mine. ➤ The non-mineralized area within the mining lease will be used as temporary waste dump yard which will be rehandled for backfilling of the mined-out area at conceptual stage <p>● Details of crushers /screen/beneficiation plant if any with capacity and numbers, water requirement for the project, plantation details, and greenbelt details.</p> <ul style="list-style-type: none"> ➤ Crushing and Screening Plant is proposed within the mine lease area. ➤ Water requirement : 18 m³/day. ➤ Proposed Greenbelt: Plan Period – 1.56 Ha; Conceptually – 3.50 Ha <p>Land use as per mining plan at the end of plan period and at conceptual stage.</p>
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S. No.	LAND PARTICULARS	PRESENT USE	CONCEPTUAL PERIOD AREA IN HA.
1	Area under Excavation	0.5200	21.072
2	Worked out pit	Nil	(14.572)*
3	Storage of Top Soil	Nil	0.0800
4	Overburden Dump	0.2000	6.4520
5	Mineral storage	0.1520	0.1520
6	Infrastructure (Workshop, Administrative Buildings)	0.1000	0.1000
7	Roads	0.2540	1.0000
8	Greenbelt	Nil	3.5000
9	Env. Protective measures	Nil	1.0000
10	Mineral Separation plant	0.4047	-
11	Area Cultivated	7.0172	-
12	Dump Area Plantation	Nil	3.0000
13	Others (Unutilized Area)	48.0321	20.2240
Total		56.6800	56.6800

**Not to be added to the total*

9. Other Waste Generation, if any: Nil

10. Land Use (Forest/Agricultural/Waste): Govt. waste land

11. Details of past production since inception of mine authenticated by DMG

Past Production Details w.r.t DMG Letter No3540/ML/2008 dated 28.01.2019 (Enclosed as **Exhibit -I**)

12. Applicability of General Condition & Status of SEIAA:

General Conditions does not apply to this project.

[Submit details about Wildlife Sanctuaries or Habitats for any Specific Wildlife within 10 km radius of the ML Area]

	<p>There are no wildlife sanctuaries within 10km radius from the subject mine lease area [Status of SEIAA i.e operation or tenure is over (provide details in case proposal is of category B only)] SEIAA, Telangana State tenure was completed and currently not operating. [Submit details about Aravalli/Doon Valley/ Western Ghats/Eco-Sensitive area, if any] None within 10km radius</p> <p>13. Project Cost & Employment: Project Cost : Rs.150 Lakhs. Employment : 33 persons</p> <p>14. Status of DSR, incase of minor mineral District Survey Report is not available</p>
22.3.7.3	<p>Observations and recommendations of committee of 17th EAC meeting held on held on, 29-31 January, 2019:</p> <p>EAC during the appraisal observed that information presented before the EAC are not matching with the Form 1 application submitted by the PP. Hence committee <i>deferred</i> the proposal for want of revised Form 1.</p>
22.3.7.4	<p>Observations and recommendations of 20th EAC meeting held on held on, 28th-29th March, 2019:</p> <p>PP did not attend the meeting and requested to defer the proposal.</p>
22.3.7.5	<p>Observations and recommendations of committee in the present meeting held on 21st-22nd May 2019:</p> <p>PP along with the consultant made the detailed presentation. Committee while deliberating on the DSS report of the Ministry, noted that entire mining lease area falls in the forest land, whereas PP claimed that no the forest land (FL) is involved. EAC, after detailed deliberation, deferred the proposal for want of following information:</p> <ol style="list-style-type: none"> 1. State Forest department may ascertain whether mining lease area is falling in Forest. PP is advised to approach the State forest department to obtain above clarification. 2. If the FL is involved, PP has to submit the documentary proof regarding submission of forest land application.
<p>Day 2: 22nd May, 2019 Time: 10:00 AM</p>	
22.4.1	<p>Expansion of Hospital Complex “Pushpawati Singhania Hospital & Research Institute” at Press Enclave Marg, Sheikh Sarai, Phase-II, New Delhi by M/s Pushpawati Singhania Hospital & Research Institute – Environmental Clearance [IA/DL/MIS/85531/2018 dated 20.12.2018] [F. No. 23-134/2018-IA.III (V)]</p>
22.4.1.1	<p>M/s Pushpawati Singhania Hospital & Research Institute has made online application vide proposal no. IA/DL/MIS/85531/2018 dated</p>

	<p>20.12.2018 seeking Environmental Clearance for the above mentioned proposed project. The proposed project activity is covered under 'B' category of item 1(a) of the Schedule to the EIA Notification, 2006 and the proposal was appraised at Central level as tenure of SEIAA at New Delhi is completed.</p>
<p>22.4.1.2</p>	<p>Details of the project as per the submission of project proponent:</p> <p>The proposed project is an Expansion of Hospital Complex "Pushpawati Singhania Hospital & Research Institute" at Press Enclave Marg, Sheikh Sarai, Phase-II, New Delhi which is being developed by M/s Pushpawati Singhania Hospital & Research institute. The total plot area of the project site is 8,000 sqm having Built-up area after expansion of 24,982.13 Sqm. The land has been allotted by DDA on perpetual lease to Lakshmiptat Singhania Medical Foundation for hospital purpose. Then land was transferred to Pushpawati Singhania Hospital & Research Institute for development & running of the Hospital. The agreement for the same was done.</p> <p>The hospital is Already constructed & Operational having two blocks (one block- Tower A (Phase-I) since October,1996 having built-up area of 9728.93 sqm.). As the built-up area of Phase- I was less than 20,000 sqm. Hence it was exempted from the procedure of Environment Clearance.</p> <p>For new block- Tower B on the same plot with built-up area of Phase-II is 15253.20 sqm., application for expansion was submitted to SEIAA, Delhi on 03.04.2014. Meanwhile, construction was started before the grant of Environmental Clearance. Construction work was completed in October 2016.</p> <p>During the initial appraisal meetings, a site visit was proposed by SEAC and thereafter, SEIAA had declared us as a violator of EPA, 1986. A court case has been filed against us (Case no. CT case 11999/2017 at Tis Hazari court, Delhi).</p> <p>Phase- II became operational from 2018 after getting Consent to Operate from DPCC dated 14.07.2018. Now, the total Built-up area after expansion (Phase-I & Phase II) will be is 24982.13 sqm.</p> <p>Hence, as per MoEF&CC Notification No. S.O.804 (E) dated 14.03.2017, where it has been clearly notified that the violation cases/non-Compliance will be treated as 'A' category projects applied for environmental clearance and therefore we had submitted the proposal for grant of Environmental clearance in MoEF&CC on 07.02.2018.</p> <p>Now as per amendment in notification vide S.O. 1030(E) dated 8th March, 2018, the project shall be appraised at SEAC but the tenure of SEIAA/SEAC, Delhi is completed. Therefore, we had again submitted the documents for grant of Terms of Reference under violation category in MoEF&CC on 04.04.2018. Subsequently, it was considered in EAC meeting dated 14.06.2018 and thereafter, TOR was granted by MoEF&CC vide its letter no. F.No. 23-134/2018-IA-III (V) dated 26.07.2018.</p>

Now, the case has been enlisted in the 22nd EAC meeting for the proposal involving violation of EIA Notification, 2006 to be held on 22.05.2019.

During operational phase, total water demand of the project after expansion is 314 KLD and the same is met by 150 KLD fresh water from Delhi Jal Board. Wastewater generation 176 KLD (Domestic & Other: 169 KLD & Lab: 7 KLD) is treated in MBBR STP of total 120 KLD & 70 KLD and lab effluent is treated in ETP of capacity 30 KLD. 164 KLD of treated wastewater is reused (54 KLD for flushing, 25 KLD for gardening, 80 KLD for HVAC cooling & 5 KLD for Miscellaneous).

About 0.372 TPD (372 Kg/day) solid waste is generated in the project. The biodegradable waste 0.149 TPD (149 Kg/day) is processed in Organic Waste Converter and the non-biodegradable waste generated 0.222 TPD (222 Kg/day) is being handed over to authorized local vendor.

The total electric load after expansion for the hospital is 2073 KVA (Existing – 1123 KVA & Proposed – 950 KVA) which is being sourced through BSES Rajdhani Power Limited, Delhi. Adequate stack height 6 m above roof level for each DG set of 2 x 1010 kVA & 1 x 380 kVA has been provided as per CPCB norms. The DG sets is located at the Surface.

Rooftop rainwater of buildings is being collected in 03 RWH pits for harvesting.

Parking facility for 342 ECS four wheelers is provided against the requirement of 331 ECS.

Proposed energy saving measures would save about 1% of power.

It is located within 10 km of Eco Sensitive areas (Yes/No)- No

NBWL Clearance is required: Yes/No- Not Required.

Forest Clearance is required: Yes/No.- Not Required.

Court case pending against the project (Yes/No). Yes, A court case has been filed under violation of EPA, 1986 for violating (Case no. CT case 11999/2017 at Tis Hazari court, Delhi)

- i. Investment/Cost of the project is Rs. 106.21 Crores
- ii. Employment potential- During Construction phase employment to 120 no of labours was provided and during operation phase employment to 630 nos. as staff.
- iii. Benefits of the project

Social Benefits:

- It has provided employment to the people during construction and operation phase directly & indirectly. 120 no. of labour during construction stage and approx. 630 no. of person during operation stage have been employed after the proposed expansion of the

	<p>complex. Employment opportunities has led to a rise in the income and improved their standard of living.</p> <ul style="list-style-type: none"> • The Hospital has catered some of the best medical care infrastructure in the country. These have treatment facilities for Liver Transplant, Cardiology, Orthopaedics, Neurology, Urology, Gastroenterology, Nephrology & Kidney Transplant etc. It also provides 24x7 Ambulance facility. • The expansion of the hospital building in the project area has increased in infrastructure development of the area. <p>Environmental Benefits:</p> <ul style="list-style-type: none"> • Energy efficient building material during construction stage has helped in reducing the impact on environment directly & indirectly. • Energy efficient measures has been taken to reduce the requirement of natural resources and which ultimately leads to lesser demands and reducing carbon footprints of the project making it eco-friendlier. • A well-designed waste management approach such as the different collection unit for wet & dry waste respectively and eco-friendly treatment approach i.e. OWC, Recycling etc will reduce the amount of waste that it sends to landfill <p>Financial Benefits:</p> <ul style="list-style-type: none"> • Additional revenue generation to the government is being provided. • Major income source to an important section of society and also to the upcoming investors.
22.4.1.3	<p>Observations and recommendations of committee in the present meeting held on 21st-22nd May 2019:</p> <p>PP made the detailed presentation before the EAC. EAC observed that EIA Coordinator and functional area experts did not attend the meeting. EAC, after detailed deliberation, deferred the proposal for want of some additional information and want of presence of EIA Coordinator before committee:</p> <ol style="list-style-type: none"> 1. EIA/EMP presentation shall be made in the presence of EIA Coordinator and functional area experts should be available in the meeting. 2. Committee noted that Asola Wildlife sanctuary is present within 3.5 km of the project site therefore PP is required to submit certificate from Chief wildlife warden regarding distance of ESZ of Asola Wildlife sanctuaries from project site in all directions. 3. EIA report is to be submitted in generic structure (Appendix III) of EIA notification with additional chapter 13 on damage assessment and remediation. 4. Details of non-biodegradable & hazardous waste along with their mitigation measures are to be submitted. 5. Approved conservation plan of Schedule I species is to be submitted.

	<p>6. Detailed presentation to be made before the committee along with ToR compliance.</p> <p>Considering Eco-sensitive area within the 5 km of project site, Committee recommended for site visit of the project site for ascertaining prevailing environmental settings.</p>
22.4.2	<p>Baga- Bhalag Limestone and Shale mine (expansion from 3.10 MTPA to 5.25 MTPA) within existing lease area (331.424 Ha) located at Village Baga&Bhalag, Taluka Arki, District Solan, Himachal Pradesh by M/s UltraTech Cement Ltd. - Further consideration for Terms of Reference</p> <p>[IA/HP/MIN/69006/2017 dated 13.09.2017] [F. No.23-224/2018-IA.III (V)]</p>
22.4.2.1	<p>M/s Ultra Tech Cement Ltd. has made online application vide proposal no. IA/HP/MIN/69006/2017 dated 13.09.2017 seeking Term of References for the above mentioned proposed project. The proposed project activity is covered under 'A' category of item 1(a) of the Schedule to the EIA Notification, 2006.</p>
22.4.2.2	<p>Details of the project as per the submission of project proponent:</p> <ol style="list-style-type: none"> 1. The Project Proponent made a detailed presentation on the salient features of the project. 2. The project involves extraction of Limestone & Shale of production capacity (5.25 Million TPA) by M/s Ultra Tech Cement Limited an area of 331.424 ha hectare at Village Baga & Bhalag, Taluka Arki, DistrictSolan, Himachal Pradesh. 3. The said project/activity is covered under category "A" of item 1 (a) column 3 of the Schedule to the EIA Notification, 2006, and requires prior EC from the MoEF&CC / SEIAA based on the appraisal by Expert Appraisal Committee. 4. Whether project attracts the General Condition specified in the Schedule of EIA Notification (Yes/No): Yes, Bandli Wild Life Sanctuary at distance of 8.5 km in north direction and Majhathal Wild life sanctuary at distance of 4.5 km in SE 5. River/ water body: Satluj river is flowing at a distance of 2.5 KM in NW direction. 6. Details of Forest issues, if any: 239.5096 ha of forest land involved, for which Forest Clearance has already been obtained Forest Clearance vide letter.No.8-72/2005-FC dated 02.06.2006. 7. Details of Consent to Operate: <ol style="list-style-type: none"> (i) Whether Consent to operate obtained (Yes/No)? If yes, : Yes (ii) Date of issue: 17.06.2016 void latter no. HPSPCB/PCB-ID,14118 (iii) Valid up to : 31.03.2018 a) CTO dated 29.01.2010 valid upto 31.03.2010 b) CTO dated 02.07.2011 valid upto 31.03.2012 c) CTO dated 07.01.2013 valid upto 31.03.2014

d) CTO dated 20.11.2014 valid upto 31.03.2016

e) CTO dated 17.06.2016 valid upto 31.03.2018

M/s Jaiprakash Associates Limited has applied for renewal of CTO to the HP State Pollution Control Board On 13.04.2017. M/s Ultra Tech Cement Limited has also applied to the HP State Pollution Control Board on 07.07.2017 for change of name in the CTO granted to M/s Jaiprakash Associates Ltd., after change of ownership of the unit in the name of M/s UTCL from M/s JAL. The renewal of CTO is pending as the change of name in the EC for BagaBhalag Limestone & Shale mine is awaited from MoEF&CC.

8. Mine Capacity in ROM (Run of Mine): 5.25 Million TPA

9. Whether the proposal is mining of Minor minerals project (Yes/No)?
: No

10. Whether the proposal is mining of Major minerals project (Yes/No)? :
Yes

11. No. of Mineral to be Mined with name: Limestone & Shale

12. Details of mine lease:

(i) Date of entering into original lease deed: 29/09/2007

(ii) Date of expiry of original lease deed: 28/09/2057

(iii) Date of 1st lease renewal: Nil

(iv) Whether renewal or deemed renewal: Nil

(v) Date of expiry of 1st lease renewal/deemed renewal: Nil

(vi) Date of 2nd lease renewal: Nil

(vii) Whether renewal or deemed renewal: Nil

(viii) Date of expiry of 2nd lease renewal / deemed renewal: Nil

(ix) Date of 3rd lease renewal: Nil

13. Details of DGMS permission, if any:

(i) Permission under regulation 106(2) (b) of MMR,1961, to work with deep hole drilling and blasting and with the help of HEMM, dated 05.07.2010.

(ii) Permission under regulation 155(1) and 162 (5) of MMR, 1961, for use of Ammonium Nitrate Fuel oil (ANFO), 11.08.2010.

(iii) Permission under regulation 164(18) of MMR,1961, for deep hole blasting in 300 Mtr and up to 200 Mtr. From the structure not belonging to the owner, 08.04.2011.

14. Details of past production of mine since its inception duly in tabular form: **For Mineral Limestone:**

Period/Year	Opening Stock (Tonnes)	Production (Tonnes)	Dispatch (Tonnes)	Closing Stock (Tonnes)
2009-10	NIL	229775	229775	NIL
2010-11	NIL	2679511	2679511	NIL
2011-12	NIL	2651578	2651578	NIL
2012-13	NIL	3789261	3789261	NIL
2013-14	NIL	3351924	3351924	NIL
2014-15	NIL	3354162	3354162	NIL
2015-16	NIL	2707507	2707507	NIL
2016-17	NIL	2210448	2210448	NIL
2017-18	NIL	1560773	1488319	72454

For Mineral Shale:

Period/Year	Opening Stock (Tonnes)	Production (Tonnes)	Dispatch (Tonnes)	Closing Stock (Tonnes)
2009-10	NIL	80434	80434	NIL
2010-11	NIL	669723	669723	NIL
2011-12	NIL	690160	690160	NIL
2012-13	NIL	544065	544065	NIL
2013-14	NIL	410549	410549	NIL
2014-15	NIL	419129	419129	NIL
2015-16	NIL	335163	335163	NIL
2016-17	NIL	287541	287541	NIL
2017-18	NIL	175088	168075	7013

15. Details of Violation (Brief description of the project activity that leads to violation of EIA Notification, 2006): Existing operating Baga – Bhalag Limestone & Shale mine (331.424 Ha.) comes under the violation due to higher production, from 2010/11 to 2014/15 beyond the limit of Environmental Clearance granted by MoEF & CC vide letter Ref. no: J-11015/11/2006-IA II (M) dated 7th September, 2006, under the provision of the EIA Notification, 2006, for production of 3.10 MTPA Limestone & Shale.

However, Environmental Clearance for expansion of Baga-Bhalag Limestone & Shale mine (from 3.10 MTPA to 5.25 MTPA) was granted by MoEF&CC vide letter Ref. no: J-11015/105/2013-IA II (M) dated 26th May, 2016.

16. The chronology of events for seeking EC, deliberations by the respective authorities and the actions taken are reported to be as under:

- I. Date of application for TOR/EC submitted to MoEF&CC/SEIAA: **02/04/2013**
- II. Date of appraisal of EAC/SEAC meetings so far: **21/03/2016**
- III. Observations/recommendations of the EAC/SEAC in each meeting: Committee recommended the proposal for grant of

	<p>Environmental Clearance for expansion of production from 3.10 to 5.25 Million TPA limestone and shale.</p> <p>IV. Details of action taken by the State Government/SEIAA u/s 5/ u/s 19 of the EP Act, 1986 for the alleged violation of the EIA Notification, 2006:</p> <p>a) HP State Pollution Control Board has filed a petition in the Hon'ble Court of Chief Judicial Magistrate, Arki under section 15, 16 & 19 of the Environment Protection Act, 1986 for the violation of the provision of EIA Notification 2006 and under Section 22- A, 37, 39 40 & 43 of the Air Act 1981 against the company M/s Jaiprakash Associates Limited, vide case No. Environment Protection Act/0000001/2018.</p> <p>b) The matter is pending for disposal in the Hon'ble Court.</p> <p>V. Complaint case filed by the State Government/State Pollution Control Board:</p> <p>a) A show cause notice was issued by the State Govt. on 07.06.2014 to M/s Jaiprakash Associates Limited regarding excess production. The company has filed an appropriate reply on 02.07.2014 and 23.07.2014.</p> <p>b) State Govt. of Himachal Pradesh has forwarded the matter to the Indian Bureau of Mines on 22.08.2015 to initiate suitable action as per MCDR 1988, wherein the Law Deptt. of HP State has opined that</p> <p>“----- the company is a lease holder and question of illegal mining is not involved in the case in question -----”</p> <p>In pursuant to the above communication Indian Bureau of mines has filed a petition No. 4717/2016 in the Hon'ble court of Chief Judicial Magistrate, Dehradun on 24.11.2016 in respect of violation of rule 13(1) of MCDR. The case got disposed of on 10.02.2017 with the penalty of Rs. 20000/-.</p> <p>VI. Further consideration of the proposal by the EAC/SEAC, in case action was taken as mentioned in point (iv) and (v) above. If yes, furnish details: -Committee recommended the proposal for grant of Environmental Clearance for expansion of limestone & shale production from 3.10 to 5.25 Million TPA limestone and shale.</p> <p>VII. Final recommendations of MOEF&CC/SEIAA in reference to point (vi) above: -Environmental Clearance for enhanced capacity of 5.25 Million TPA was obtained from MoEF & CC vide letter Ref. no: J-11015/105/2013-IA II (M) dated 26th May, 2016.</p> <p>VIII. Legal interventions, if any : Mentioned above at point no IV & V</p>
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22.4.2.3	<p>Observations and recommendations of committee of 12th EAC meeting held on 28th-29th August 2018:</p> <p>The EAC, after detailed deliberations recommended to <i>defer</i> the proposal for want of following information</p> <ol style="list-style-type: none"> 1. The Project Proponent shall give an undertaking by way of affidavit to comply 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. before grant of ToR/ EC. The undertaking interalia include commitment of the PP not to repeat any such violation in future. 2. Status of Forest Clearance and copy. 3. Documentary proofs for the credible action already taken by the state Government. 4. Detailed presentation to be made on violation of the before the EAC. 5. Status of Wild Life Clearance. 6. Certified production details since inception of mines from department of State Mines and Geology.
22.4.2.4	<p>Observations and recommendations of committee in the present meeting held on 21st-22nd May 2019:</p> <p>EAC observed that PP did not attend the meeting.</p>
22.4.3	<p>Proposed installation of Induction Furnace of capacity 36,000 TPA at Village Siltara, Tehsil & District Raipur (Chhattisgarh) by M/s Sunil Sponge Pvt. Ltd. - Further consideration for Terms of Reference</p> <p>[IA/CG/IND/68723/2017 dated 12.09.2017][F. No. 23-121/2018-IA.III (V)]</p>
22.4.3.1	<p>M/s Sunil Sponge Pvt. Ltd. has made online application vide proposal no. IA/CG/IND/68723/2017 dated 12.09.2017 seeking Term of References for the above mentioned proposed project. The proposed project activity is covered under 'A' category of item 3(a) of the Schedule to the EIA Notification, 2006 and the proposal was appraised at Central level.</p>
22.4.3.2	<p>Details of the project as per the submission of project proponent:</p> <p>The project involves manufacturing of Mild Steel Billets through induction furnace of production capacity from 36000 TPA to 72000 TPA by M/s Sunil Sponge Pvt. Ltd. in an area of 7.47 Acre at Plot no. 96 & 97, Phase – II, Siltara, Industrial Area, Village – Siltara, Tehsil and District Raipur, Chhattisgarh State.</p> <p>The said project/activity is covered under category 'A' of item 3(a) Metallurgical industries of the Schedule to the EIA Notification, 2006, and requires prior EC from the MoEF & CC based on the appraisal by Expert Appraisal Committee of Chhattisgarh.</p>

- The company has obtained Consent to Establish from CECB on 10/09/2003 for establishment of 100 TPD X 1 Nos. Sponge Iron Kiln annual capacity 30000 TPA to produce sponge iron from Coal based DRI kiln process from Iron Ore. For this company has obtained Consent to Operate on 27/07/2005.
- Company had got another CTE on 07/04/2006 and Consent to Operate 06/07/2006 for second 100 TPD Kiln annual capacity 30000 TPA to produce sponge iron from Coal based DRI kiln process from Iron Ore along with 12 MT Induction Furnace to produce 36000 TPA MS Billets .
- The company had obtained Consent to Establish for WHRB 3 MW X 2 Nos. on 04/02/2010 and Consent to Operate granted on 20/06/2012. It is a clean technology process which does not require any fuel and is exempt from seeking EC.
- Consent to Establish for Biomass based 5 MW power plant obtained on 06/03/2014. The Biomass based power plant is established and Consent to Operate has obtained on 07.09.2018.
- In the meantime company had decided to set up another 12 MT Induction Furnace to produce another 36000 TPA Mild Steel Billets within the existing shed and premises of the existing 12 MT Induction Furnace. Thus the company applied to seek EC in 2015 but due to delays in preparation of EIA, process of seeking EC was not completed. But in ignorance of the requirement of EIA notification 2006 it has implemented a 12 ton Induction furnace which will be used to produce 36000 TPA MS Billets from Sponge iron.
- **Now the company has 12 MT X 2 Nos. induction furnace, out of which only 1 No of 12 MT furnace is in operation whereas second 12 MT Induction Furnace is not yet started. The second 12 MT furnace has only been installed.**

The chronology of events for seeking EC, deliberations by the respective authorities and the actions taken are reported to be as under:-

Application for EC was submitted to SEIAA in Chhattisgarh	Company had applied for obtaining EC for the expansion project to MoEF(No. 21/04/2008) MoEFCC granted ToR on 08/04/2010 which had expired and thus company had again applied for ToR on 28/04/2015 as application for EC and ToR granted on 03/10/2015
Appraisal by SEAC in its meetings	1. No. 07/SEAC-CG/EC/Ind Fur/RYP/24 dtd. 08.04.2010 2. No.2941/SEAC/Chhattisgarh/Meeting/20 15 dtd. 03.10.2015

Final observations /recommendations of the SEAC to the SEIAA/State Government	The SEAC CG letter dtd. 29.08.2017 revealed that proposed expansion of Induction Furnace capacity 36000 TPA to 72000 TPA is violation under the provision in EIA Notification 2006.
Action taken by the state Government/SEIAA	The SEAC CG letter dtd. 29.08.2017 revealed that proposed expansion of Induction Furnace capacity 36000 TPA to 72000 TPA is violation under the provision in EIA Notification 2006. Thus, project should consider under the provision of MoEF&CC notification vide S.O. 804 (E) dated 14 th March 2017.
Complaint case filed by the State Government/ State Pollution Control Board	Nil
Further consideration of the proposal by the SEAC and recommendations	Nil
Final recommendations of SEIAA	The SEAC CG letter dtd. 29.08.2017 revealed that proposed expansion of Induction Furnace capacity 36000 TPA to 72000 TPA is violation under the provision in EIA Notification 2006. Thus, project should consider under the provision of MoEF&CC notification vide S.O. 804 (E) dated 14 th March 2017.
Legal interventions, if any	No Legal action is initiated against the industry so far.

The proposal has been submitted to the Ministry for consideration in pursuance of the Ministry's Notification dated 14th March, 2017 due to violation of the EIA Notification, 2006.

- The detailed presentation before EAC (Violation projects) conducted on 25th February, 2019. EAC after detailed deliberation deferred the proposal for want of "Detailed pre-feasibility report as per the Ministry OM dated 30.12.2010".
- The desired document i.e. pre-feasibility report submitted by project proponent at MoEF&CC, New Delhi on dtd. 05th April 2019 in line with ADS generated by MS (Violation projects) dtd. 08th Mar 2019.
- Now, presentation held on 22nd May, 2019 for further consideration of Terms of Reference.

22.4.3.3	<p>Observations and recommendations of committee of 8th EAC meeting held on held on, 13th -14th June, 2018:</p> <p>The project proponent requested to defer the project as they were unable to attend the meeting.</p>
22.4.3.4	<p>Observations and recommendations of committee of 19th EAC meeting held on held on, 25th-26th February, 2019:</p> <p>PP made a detailed presentation before the EAC, EAC after detailed deliberation deferred the proposal for want of following: “Detailed pre-feasibility report as per the Ministry OM dated 30.12.2010”.</p>
22.4.3.5	<p>Observations and recommendations of committee in the present meeting held on 21st-22nd May 2019:</p> <p>PP along with consultant made the detailed presentation before the EAC, after detailed presentation, committee observed that PP had established the infrastructure for manufacturing of Mild Steel Billets through induction furnace without taking prior Environmental Clearance under EIA Notification 2006 hence violation of the aforesaid notification. EAC also observed that PP has submitted the Pre-feasibility report as per the Ministry OM dated 30.12.2010</p> <p>The EAC, after detailed deliberations on the information presented by the PP, recommended for issuing Standard Term of Reference along with the following specific Term of Reference for undertaking EIA and preparation of Environmental Management Plan (EMP):</p> <ol style="list-style-type: none"> i. The State Government/SPCB to take action against the project proponent under the provisions of section 19 of the Environment (Protection) Act, 1986, and further no consent to operate to be issued till the project is granted EC. ii. The project proponent shall be required to submit a bank guarantee equivalent to the amount of remediation plan and natural and community resource augmentation plan with the SPCB prior to the grant of EC. The quantum shall be recommended by the EAC and finalized by the regulatory authority. The bank guarantee shall be released after successful implementation of the EMP, followed by recommendations of the EAC and approval of the regulatory authority. iii. Assessment of ecological damage with respect to air, water, land and other environmental attributes. The collection and analysis of data shall be done by an environmental laboratory duly notified under the Environment (Protection) Act, 1986, or an environmental laboratory accredited by NABL, or a laboratory of a Council of Scientific and Industrial Research (CSIR) institution working in the field of environment.

	<ul style="list-style-type: none"> iv. Preparation of remediation plan and natural and community resource augmentation plan corresponding to the ecological damage assessed and economic benefits derived due to violation. v. The remediation plan and the natural and community resource augmentation plan to be prepared as an independent chapter 13 in the EIA report by the accredited consultants. vi. One season fresh base line data is to be collected for preparation of EIA/EMP reports. vii. Public Hearing in case of violation cases is mandatory and shall be conducted as the EIA Notification 2006 and as amended thereof. viii. The PP should also address the all the issues raised during public hearing along with commitments made and with fund provision to address above issues in tabular form to be submitted along with EIA/EMP report. ix. Fund allocation for Corporate Environment Responsibility (CER) shall be made as per Ministry's O.M. No. 22-65/2017-IA.III dated 1st May, 2018 for various activities therein. The details of fund allocation and activities for CER shall be incorporated in EIA/EMP report. x. Detailed hydrological study to be carried out in core and buffer zone of the project as per GEC 2015 guidelines. xi. Budget of remediation plan and natural and community resource augmentation plan corresponding to the ecological damage shall be completed within three years and to be prepared accordingly. xii. The Action Plan on the compliance of the recommendations of the CAG as per Ministry's 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.
22.4.4	<p>Bhadrasahi Iron & Manganese Mines (M.L. Area 998.70 Ha) for enhancement of Iron ore production to 1.8 MTPA and Managenese ore to 0.12 MTPA at Village Roida, Tehsil Barbil, District Keonjhar, Odisha by M/s Orissa Mineral Development Company Ltd. - - Further consideration for Terms of Reference. [Old Proposal No. IA/OR/MIN/68467/2008 dated 11.09.2017] [F. No. 23-212/2018-IA.III (V)]</p>
22.4.4.1	<p>M/s Orissa Mineral Development Company Ltd. has made online application vide Old Proposal No. IA/OR/MIN/68467/2008 dated 11.09.2017 seeking Term of References for the above mentioned proposed project. The proposed project activity is covered under 'A' category of item</p>

	1(a) of the Schedule to the EIA Notification, 2006 and the proposal was appraised at Central level.								
22.4.4.2	<p>Details of the project as per the submission of project proponent:</p> <p>1. Project description The Proposal of M/s The Orissa Minerals Development Company Ltd. (OMDC) is for Mining of - Iron and Manganese from -Bhadrasahi Iron and Manganese Ore Mining Lease for Total ROM Excavation 1.8 Million Tonne Iron ore per annum (MTPA) and 0.12 Million Tonne Manganese ore per annum (TPA)from mining lease area of 998.70 Ha located at Villages - KolhoRoida, Bhuyan Roida, Kundrupani, Chattabara, Bichakundi and SidhamathaRF Tehsil-Barbil District –Keonjhar, State-Odisha by M/s The Orissa Minerals Development Company Ltd. (OMDC).</p> <p>2. Project Background The proposal of M/s The Orissa Minerals Development Company Ltd. (OMDC) is for mining of 1.8 Million Tonne Iron ore per annum (MTPA) and 0.12 Million Tonne Manganese ore per annum (TPA) from - Bhadrasahi Iron and Manganese Ore Mining Lease - (ML Area 998.70Ha, located at Survey No.- , at Villages- KolhoRoida, BhuyanRoida, Kundrupani, Chattabara, Bichakundi and Sidhamatha RF, Tehsil -Barbil, District-Keonjhar, State-Odisha. The mining lease is located on Survey of India Topo-sheet no. 73-F/8 & 73-G/5. The area is bounded between the Latitude 21° 58' 47.97249" to 22° 01' 40.35400"N and Longitude 85° 21' 26.50463" E to 85° 24' 26.21951" E</p> <p>3. Category of the Project (Refer cluster certificate if applicable) The said project/activity is covered under category-A of item 1(a) (i) of the Schedule to the EIA Notification, 2006 as amended, and requires prior EC from the MoEF &CC/SEIAA based on the appraisal by Expert Appraisal Committee or the State Expert Appraisal Committee in different States/UTs.</p> <p>4. Violation Details & Sectorial EAC/SEAC Comments: The mine is closed since 2010 for want of Environmental & other statutory clearances. Prior to the year 1994, the highest annual production of iron and manganese ore are 1,42,468.93Tonne and 1,31,424.53Tonne respectively. After the EIA Notification, 1994 coming into force, the highest annual production of iron and manganese ore are 14,33,000 t and 94205 t, respectively. This is a case of violation (in the case of iron ore). [Chronological submission of all the events with recommendation of the committee].</p> <table border="1" data-bbox="464 1778 1485 1973"> <thead> <tr> <th>SI No.</th> <th>Date</th> <th>Letter No.</th> <th>Subject Brief</th> </tr> </thead> <tbody> <tr> <td>01</td> <td>04.06.2008</td> <td>Letter No. OMD/L-10/1425</td> <td>OMDC submitted Form 1 for approval of Terms of Reference (TOR) for Rapid EIA/EMP</td> </tr> </tbody> </table>	SI No.	Date	Letter No.	Subject Brief	01	04.06.2008	Letter No. OMD/L-10/1425	OMDC submitted Form 1 for approval of Terms of Reference (TOR) for Rapid EIA/EMP
SI No.	Date	Letter No.	Subject Brief						
01	04.06.2008	Letter No. OMD/L-10/1425	OMDC submitted Form 1 for approval of Terms of Reference (TOR) for Rapid EIA/EMP						

02	24.03.2009	Letter No. J-11015/285/2008-IA-II(M)	MoEF prescribed TOR in meeting held on 17-19 Feb, 2009
.03	02.03.2010		OMDC submitted Documents (EIA, executive summary etc along with processing Fee of Rs.75,000/- for conducting Public Hearing.
2.04	24/01/2011	OMD/L-10/BBSR/01	OMDC submitted application form and Performa along with annexure and documents in connection to obtain EC.
05	28/09/2011	Ref.OMD/L-10/1357	OMDC requested for consideration of presentation before the EAC for grant of EC.
06	17.10.2011	BGC/BBSR/O F/180	OMDC submitted Public Hearing Documents
07	18.04.2012	OMD/L-13/350	OMDC Submitted point wise clarification of proceeding of EAC (Mining) meeting held on 23.12.2011
08	July 2012	---	EAC Committee recommended the proposal for Environment Clearance
<i>As stage-I Forest Clearance could not be obtained within 18 months of recommendation by EAC, validity of Tor expired</i>			
09	14.09.2014		Fresh Application made for TOR
10	07.11.2014		MoEF intimated the proposal to be considered after considering the outcome of carrying capacity study by NEERI.
11	09.09.2017	OMDC/BH/2017-18/3799 dated 09-09-2017	Application made in violation category for obtaining EC
.12	01.08.2018		Agenda for presentation OMDC requested to give next date for presentation
			OMDC is appearing Presentation of TOR on date 22/05/2019 as per agenda of 22nd EAC(Violation)

5. Application (Form-1 & PFR)

Fresh application was made online vide old proposal no. IA/OR/MIN/68467/2008 dated 11.09.2017 under **violation category** for Term of References (ToR) in terms of provision of the Ministry's Notification S.O804(E) and submitted Form-1 and PFR.

The proposed project activity is covered under Schedule 1 (a)(i) of EIA Notification, 2006 and is a category 'A'.

6. Details of Minerals:

Number of minerals. Whether mineral is major or minor. Status of same mineral before 2006 (major or minor): Two Major minerals named Iron & Manganese.

7. Letter of Intent (LoI)/Mining Lease Details:

Original Grant (First Grant)	08.11.1941 to 30.09.1960 This period the lease area granted over 8.73 sq. miles)
First Renewal	Period: 01.10.1960 to 30.09.1980 (This period the lease area granted over 7.11 sq. miles)
Second Renewal	Period: 01.10.1980 to 30.09.1990 (This period the lease area granted over 3.86 sq miles)
Third Renewal	Period: 01.10.1990 to 30.09.2010 (This period the lease area granted over 998.70 Ha)
Fourth Renewal	Date of Application: 10.08.2009 Applied for a period of 20 years w.e.f. 01.10.2010 to 30.09.2030

1. Valid Lease Document:

The following documents in support of the validity of OMDC leases:

(i) Letter from Indian Bureau of Mines, Bhubaneswar, addressed to Director of Mines, Govt. of Odisha dated 07.01.2019 "requesting to communicate the present status of **Bhadrashai Iron Ore & Manganese Lease** of OMDC".

(ii) Reply from Director of Mines, Govt. of Odisha vide letter dated 08.02.2019 wherein it is mentioned that "Mining Lease can be treated as SUBSISTING".

(iii) Modified Mining Plan along with progressive mine closure plan approved by IBM Vide letter NO- MPM/OTFM/30- ORI/BHU/2018-19 dated 19.02.2019.

(Copy enclosed at Annexure-III).

(iv) The tripartite meeting with Govt. of Odisha was held on 15.02.2019. In the minutes of meeting issued on 16.03.2019 it is stated that:

"OMDC to submit a detail proposal including company profile, steps taken for resumption of its mining leases along with their payment plan for consideration of the State Government on further course of action. After receipt of these details from the OMDC, the matter shall be processed in the Department for further action" (Copy enclosed at Annexure-IV).

(v) Accordingly OMDC has made part payments towards compensation to the

Govt. of Odisha and submitted detail resumption proposal to Govt. of Odisha on 25.03.2019.

8. Method of Mining & Mining Plan Details:

- Bhadrasahi is an open cast mine, where mining is carried out by drilling, blasting followed by excavation of loosened material by hydraulic shovels and loading them onto tipper trucks.
- The height & width of benches in case of iron ore mines will be 6m & 10m respectively in order to ensure the safety in the mining operations. Similarly, the height & width of the benches in case of Manganese ore will be 6m & 10 m respectively.
- The bench slope angle is considered at 65 deg. and the overall slope angle will be below 45 deg. Both the iron & manganese mines will be worked by mechanized means, whereas laborers need to be deployed for sorting of the manganese ores from the blasted face to improve the recovery of manganese ore.
- On account of exposures of iron & MN ore and its limited depth of occurrence, open cast Category-A (fully mechanized) method of mining will be adopted which will be continued on 2/3 shift basis daily.
- Loosening of the hard rock mass will be affected through drilling and blasting. Blasting will be done by charging of the shot/blast holes drilled either in single or multi rows on staggered pattern. 1 m³ & 3 m³ capacity excavators will be used for excavation & loading of the blasted materials in to 20t capacity tippers which will unload it into the hopper of the 100tph capacity crusher unit.

Sized materials obtained will be dispatched directly to the consuming industries after resorting to breaking & sizing in a crushing plant and blending if necessary.

9. Other Waste Generation, if any:

The waste materials to be generated during the conceptual mining period in both Iron & Manganese Ore zone is 26319078.5 m³ waste, Out of the total waste 60% i.e. 15791447.1 m³ waste will be utilized for maintenance & construction of haul road. Remaining 40% waste i.e. 10527631.4 m³ will be dumped earmarked sites as indicated in the conceptual plan. This waste will be utilized for back-filling of mined out area & dumped at earmarked site. The existing dump will be re-handled during conceptual period

10. Land Use(Forest/Agricultural/Waste):

Forest		Non - Forest	
Forest (specify)	Area (ha)	Type of Land	Area in Hectares
		(i) Government waste land,	57.35
		(ii) grazing land,	NIL
		(iii) Private /Agriculture land,	64.04
		(iv) others(specify)	NIL
		Total Non-forest Area	121.39
Reserved forest -	77.265		
Forest land -	800.045		
Total forest area-	877.310		

FC was obtained for diversion of 702.053 ha land vide MoEF letter no 8-118/96-FC dtd 26.02.1998 for a period co-terminous with earlier Lease period under MMDR Act 1957 and as per MoEF &CC's circular dated 01.04.2015 validity of the earlier FC is extended up to the extended lease period under MMDR amendment Act-2015. Renewal application has been submitted on 19.09.2009 for obtaining forest clearance

1. Details of past production since inception of mine authenticated by DMG

PRODUCTION FIGURE OF BHADRASAHU IRON & MN. MINES OVER 998.70 HECTS. OF M/S.OMDC. LTD. FOR THE PERIOD FROM 1989-90 to 2017-2018.

Year	Production in MT	
	Iron ore	Manganese ore
1989-1990	124736.160	22971.000
1990-1991	142468.930	30089.000
1991-1992	117467.940	31829.000
1992-1993	128050.360	46535.537
1993-1994	32340.000	39481.200
1994-1995	66008.000	39812.500
1995-1996	80017.720	60923.523
1996-1997	142416.000	94205.000
1997-1998	77646.910	42019.480
1998-1999	94793.000	34265.000
1999-2000	52110.000	9630.000
2000-01	0.000	35775.000
2001-02	0.000	34948.000
2002-03	533692.000	52550.000
2003-04	639200.000	27234.000
2004-05	627967.000	18985.000
2005-06	480730.000	16102.000
2006-07	744450.000	21304.000
2007-08	1433000.000	62890.000
2008-09	575400.000	19150.000
2009-10	299950.000	13225.000
2010-11	23538.000	0.000
2011-12	0.000	0.000
2012-13	0.000	0.000
2013-14	0.000	0.000
2014-15	0.000	0.000
2015-16	0.000	0.000
2016-17	0.000	0.000
2017-18	0.000	0.000

Memo No. 48 / Mines, Dtd. 04.06.19

Copy to M/S.OMDC. Ltd., Bhadrasahi Iron & Mn. Mines over 998.70 hects. for information and necessary action with reference to their letter No. OMDC/BH/DDM/2018-19/815, dtd. 19.09.2018. The above figures are hereby provided to produce before the Environmental Appraisal Committee to obtain Environmental Clearance.


Deputy Director of Mines
Joda Circle, Dist. Keonjhar

12. Applicability of General Condition & Status of SEIAA: There is no location of National Parks, Sanctuaries, Biosphere Reserves, Wildlife corridors, Tiger/Elephant reserves (existing as well as proposed) within 10 km of the mine lease. Site specific wildlife conservation plan was approved vide Letter No.- Memo no. 7487/1WL (C) SSP-281/2012, Bhubaneswar, Dated – 30 September, 2014

13. Aravalli/Doon Valley/ Western Ghats/Eco-Sensitive area: Not Applicable

14. Project Cost & Employment: [Furnish-Details of Project Cost – Rs.

	133.59 Crores. Employment.-Existing-70 & Proposed-495
22.4.4.3	<p>Observations and recommendations of committee of 11th EAC meeting held on held on, 31st July - 2nd August 2018:</p> <p>Project proponent did not attend the meeting.</p>
22.4.4.4	<p>Observations and recommendations of committee in the present meeting held on 21-22nd May 2019:</p> <p>PP along with consultant made the detailed presentation before the EAC. EAC observed that FC was obtained for diversion of 702.053 ha land vide MoEF letter no 8-118/96 FC dtd 26.02.1998 for a period co-terminus with earlier lease period under MMRD Act 1957 and as per MoEF &CC circular dated 01.04.2015 validity of the earlier FC is extended upto the extended lease period under MMDR amendment Act 2015. Renewal application has been submitted on 19.09.2009 for obtaining forest clearance.</p> <p>PP informed that mining lease over an area of 998.70 ha was expired on 30.09.2010. PP had applied for 4th RML on 10.08.2009 within the stipulated period under the provision of Rule 24 A (1) of MC rules 1960. Mining in said mine was stopped wef 01.10.2010. Govt rejected the RML application dated 10.08.2009 under rule 26(1) of MC rules 1960 vide Govt proceeding order dated 08.01.2015. PP has filed appeal against govt order in the Hon'ble HC of Orissa. Govt have initiated a fresh hearing of the lesse which is under progress and the said mining lease can be treated subsisting.</p> <p>EAC noted the submission of the PP made regarding the mine lease and deliberated on the matter. Accordingly, EAC deferred the proposal for want of following information:</p> <ol style="list-style-type: none"> 1. Submission of R&R details along with action plan. 2. Certificate from local DFO that mining activity was not carried out in the non-diverted forest land. 3. Land use plan showing forest and non-forest land (Total 998.70 ha) with the already forest land diverted and to be diverted forest land. 4. Status of FC application to be diverted i.e. 175.20 Ha out of total forest land of 877.310 Ha. 5. Copy of FC application submitted for renewal dated 19.09.2009. 6. Submission of undertaking that no other case is pending against the project except the credible action case against violation. 7. Present status of court case pending against PP regarding credible action against violation. 8. Status of mining lease renewal (4th). 9. Submission of details as per Annexure XI given to PP during meeting.
22.4.5	M/s Sri Anjani Mines & Minerals for mining of Iron Ore (M.L. Area 208.30 Ha) located at Sy. No. 324, Village Chabali and Sy. No. 628, Village

	<p>Thummalur, Mandal Pendlimarri, District YSR Kadapa, Andhra Pradesh – Further consideration for Terms of Reference</p> <p>[IA/AP/MIN/74395/2018 dated 13.04.2018] [F. No. 23-261/2018-IA.III (V)]</p>
22.4.5.1	<p>M/s Sri Anjani Mines & Minerals has made online application vide proposal no. IA/AP/MIN/74395/2018 dated 13.04.2018 seeking Term of References for the above mentioned proposed project. The proposed project activity is covered under 'A' category of item 1(a) of the Schedule to the EIA Notification, 2006 and the proposal was appraised at Central level.</p>
22.4.5.2	<p>Details of the project as per the submission of project proponent:</p> <p>The proposal of M/s Sri Anjani Mines & Minerals is for Mining of Iron Ore and Laterite from Chabali iron Ore mine for total Excavation 0.50 Million Tonne per annum of Iron Ore and 0.10 Million Tonne per annum of Laterite [including 1.3406 million tons of Iron ore and laterite, Waste, O.B, Inter Burden, Top Soil etc] from mining lease areain 208.300 Ha located at Chabali &Thummalur Villages, Pendlimarri Mandal, YSR–Kadapa District, Andhra Pradesh State by M/s. Sri Anjani Mines & Minerals.</p> <p>The proposal of M/s Sri Anjani Mines & Minerals is for production of Million Tonne per annum(MTPA)/Tonne per annum (TPA) of Iron Ore and Laterite from Chabali iron Ore mine (ML Area 208.300 Ha, located at Survey Nos. 324 & 628, at Chabali &Thummalur Villages, Pendlimarri Mandal, YSR–Kadapa District, Andhra Pradesh State by M/s. Sri Anjani Mines & Minerals. The mining lease is located on survay of india Topo-sheet no. 57 J/11. The area is bounded between the coordinates Latitude14°29'09.6"N to 14°29'09.5"N and Longitude 78° 34'54.6 E to 78° 34'52.0"E.</p> <p>The said project/activity is covered under category A of item 1 a Of the Schedule to the EIA Notification, 2006 as amended, and requires prior EC from the MoEF&CC based on the appraisal by Expert Appraisal Committee.</p> <p>The Mine lease area granted in 2004 from Mines and geology department from Government of Andhra Pradesh, but mine was started operations for excavation of mineral from 2005 without obtaining environmental clearance.</p> <p>We have submitted Form-I and Prefeasibility report to MOEF&CC for issue of TOR letter. We have made presentation before 18th EAC held during 20th to 21st March 2014.</p> <p>It was observed by the committee that this is a case of violation of E(P) A, 1986 and EIA Notification 2006 as the mine was operated from 2005 to 2013 without obtaining EC. Based on the information furnished and presentation made by the project proponent and discussions held, the committee prescribed the TORs for undertaking detailed EIA study.</p> <p>Fresh application was made online vide proposal no. IA/AP/MIN/74395/2018 dated 13th April, 2018 under violation category for Term of References(ToR) in terms of Provision of the Ministry's Notification S.O 804(E) and submitted Form-1 and PFR. The proposed project activity is covered under 'Schedule 1a of EIA Notification, 2006 and is a category 'A'.</p> <p>Number of minerals: Iron Ore (Major) and Laterite (Minor)</p>

Mine lease area for Iron ore and laterite over an extent of 208.300 Ha in Sy. No. 324 of Chabali village and Sy.No.628 of Thummalur village, Pendlimarri Mandal, YSR–Kadapa District, Andhra Pradesh State was granted by the Govt. of Andhra Pradesh in favour of M/s Sri Anjani Mines & Minerals, vide G.O.Ms.No. 260, I & C (M.III) Department, dated 3rd November 2004 for period of 20 years.

Later the Mine lease area for Iron ore and laterite was executed by Department of Mines and Geology, Kadapa, Govt. of Andhra Pradesh vide Proceedings No. 2214/M3/2003 dated 27th November 2004 for a period of 20 years.

Mine lease over an extent of 208.300 Ha in Sy. No. 324 of Chabali Village and Sy.No.628 of Thummalur Village, Pendlimarri Mandal, YSR–Kadapa District, Andhra Pradesh State was granted by the Govt. of Andhra Pradesh in favour of M/s Sri Anjani Mines & Minerals, vide G.O.Ms.No. 260, I & C (M.III) Department, dated 3rd November 2004 for period of 20 years. Later the Mining lease was executed on 27th Nov 2004 for a period of 20 years.

Earlier Method of excavation: The mine was operated by open cast other than fully mechanized (OTFM) method with drilling & Blasting using slurry and ANFO.

Proposed method of excavation: During the scheme period, it is proposed to continue the mining operation by mechanized method by drilling and blasting. Excavation of muck piles will be carried out by hydraulic excavators. It is proposed to continue the workings in the existing pits advancing towards south direction for systematic and scientific operations.

No other waste generated except OB and top soil.

The total mine lease area of 208.300 ha. is granted to M/s. Sri Anjani Mines & Minerals is Government batten land.

Authenticated past production data are obtained from the Dept. of Mines & Geology, Govt. of Andhra Pradesh vide its letter ref. No.2471/M1/2004 dtd.14.05.2019. The following are the details.

S.No.	Year	Quantity issued in MT		
		Iron ore Lumps	Fines	Laterite
1	2004-05	---	4980	---
2	2005-06	12875	30000	6000
3	2006-07	162700	27500	---
4	2007-08	223830	26900	---
5	2008-09	131200	41450	---
6	2009-10	18542	23600	---
7	2010-11	44136	10171	---
8	2011-12	23215	7466	---
9	2012-13	62650	54494	---
10	2013-14	30000	---	---

	11	2014-15	25214	15400	---
	12	2015-16	---	---	---
	13	2016-17	---	---	---
	14	2017-18	---	---	---
	15	2018-19	---	---	---
	Total		533362	241961	6000
	<p>General conditions will not applicable to this project. The ML area is more than 100 Ha., hence it will be appraised at Central. No Wildlife Sanctuary / Bird Sanctuary / National Park / Tiger Reserve/Elephant Corridor within 10km radius of the ML Area.</p> <p>The total mining cost for the proposed project is about Rs. 250 Lakhs. This includes the EMP cost. During operation phase, manpower requirement will be about 77 nos. including skilled and unskilled workers.</p>				
22.4.5.3	<p>Observations and recommendations of committee of 14th EAC meeting held on held on, 22th - 24th October, 2018</p> <p>Project proponent requested to defer the proposal.</p>				
22.4.5.4	<p>Observations and recommendations of committee in the meeting held on 21st-22nd May 2019:</p> <p>PP along with the consultant made the detailed presentation before EAC. EAC after detailed deliberation recommended to defer the proposal for want of following information:</p> <ol style="list-style-type: none"> 1. Revised Form I with revised capacity along with total excavation details. 2. State Forest department may ascertain whether mining lease area is falling in Forest. PP is advised to approach the State forest department to obtain above clarification. 3. If the FL is involved, PP has to submit the documentary proof regarding submission of forest land application. 4. Submission of mineral transport route plan. 5. Justification regarding project cost. 				
22.4.6	<p>Jobhipat Bauxite Mine project (M.L. Area 129.445 Ha) at Thana No. 98, Village Narma, Thana Bishunpur, District Gumla, Jharkhand by M/s Shri C.M. Gupta - Further consideration for Terms of Reference</p> <p>[IA/JH/MIN/68431/2017 dated 11.09.2017] [F. No. 23-210/2018-IA.III (V)]</p>				
22.4.6.1	<p>M/s Shri C.M. Gupta has made online application vide proposal no. IA/JH/MIN/68431/2017 dated 11.09.2017 seeking Term of References for the above mentioned proposed project. The proposed project activity is</p>				

	covered under 'A' category of item 1(a) of the Schedule to the EIA Notification, 2006 and the proposal was appraised at Central level.
22.4.6.2	<p>Details of the project as per the submission of project proponent:</p> <ol style="list-style-type: none"> 1. The proposal of Shri C.M.Gupta is for production of 0.328739 Million Tonne per annum (MTPA)/ 328739 Tonne per annum of Bauxite of the Minerals from Jobhipat Bauxite Mine - (ML Area 129.445 Ha, located at plot no. 1001 to 1009, 1012 to 1031, 1034 to 1151 and part of plot no. 991, at Narma Tehsil Bishunpur, District Gumla, State Jharkhand. The mining lease is located on Survey of India Topo-sheet no. 73 A/7 & 73A/10. The area is bounded between the coordinates Latitude 23° 22' 55.70" N to 23° 23' 29.70" N and Longitude 84° 15' 46.70" E to 84° 17' 00.09" E. 2. Category of the Project: The said project/activity is covered under category A of item 1a of the Schedule to the EIA Notification, 2006 as amended, and requires prior EC from the MoEF&CC/SEIAA based on the appraisal by Expert Appraisal Committee or the State Expert Appraisal Committee in different States/UTs. 3. Violation Details & Sectorial EAC/SEAC Comments: The unit was operating at enhanced capacity with respect to the highest capacity achieved prior to EIA notification, 1994 without obtaining EC, The unit production reached to 25400 TPA in 1997-98 compared to production of 23950 TPA in 1993-94. 4. Application (Form-1 & PFR): Fresh application was made online vide proposal no. IA/JH/MIN/68431/2017 dated 11.09.2017 under violation category for Term of References (ToR) in terms of provision of the Ministry's Notification S.O 804 (E) and submitted Form-1 and PFR . The proposed project activity is covered under 'Schedule 1(a) of EIA Notification, 2006 and is a category 'A' 5. Details of Minerals: Number of minerals. 1 Whether mineral is major or minor. - Major Status of same mineral before 2006 (major or minor): Major 6. Letter of Intent (LoI)/Mining Lease Details: The lease deed was executed for 20 years w.e.f date 18-05-1974 and is valid till date 19-05-1994. The Lessee has submitted the renewal application (Form-"J") for Jobhipat Bauxite Mining lease to the Secretary, Department of Mines & Geology, Government of Bihar (Patna) through Collector, Rohtas, on Dt. 15-05-1992. Lessee has filed 2nd renewal application (Form "J") to the Secretary, Department of Mines & Geology, Government of Jharkhand, Ranchi Dt. 15-05-2013. Lessee has already applied for extension of mining lease which are under process to the State Govt.) 7. Method of Mining & Mining Plan Details: <ul style="list-style-type: none"> • The Mining Plan was approved by IBM/DMG vide LR No. 314(3)/2012/MCCM(CZ)/S-34/177 dated 13.06.2013. As per which the method of mining shall be opencast mechanized. (the Modification of Approved Mining plan is prepared under 17(3) of the MCR 2016, due to lease period is valid up to 17-05-2024 as per MMDR (Amendment) Act 2015.)

- Please provide the details of drilling & blasting, bench height and width, ultimate pit limited, ultimate pit slope, intersection of ground water table if any,

drilling & blasting,	Drilling & blasting will be adopted during mining activity. The operations like drilling of shot hole, sorting of ore and breaking at the size will be done manually. Drilling parameters:- Bench Height: 6 m Drill hole dia: 100 mm Burden: 3m Spacing: 3.5 m
bench height	6.0 m
ultimate pit limited	10m-12.0m
ultimate pit slope	37 ^o
intersection of ground water table if any	no

- Number of top soil dumps with area and capacity, no of waste/reject dump with area and capacity during the plan period and at the conceptual stage, backfilling plan if any,

Soil dumps	Area- 1.0 ha/ capacity- 325279 cu.m.
no of waste/reject dump	1
backfilling plan	During the first year of plan period, the entire overburden and waste will be backfilled except top soil which is stack separately. From the 2 nd year all the OB & waste will be backfilled. Soil will be spread over the backfilled areas for reclamation of the backfilled areas.

- Details of crushers /screen/beneficiation plant if any with capacity and numbers, water requirement for the project, plantation details, green belt details.

crushers /screen/beneficiation plant	Not required
water requirement	26 kld Dust Suppression. 14 KLD Drinking & Domestic- 8 KLD Greenbelt Development- 4 KLD
Plantation to be done	775 (Within 7.5m safety barrier 475 number of plants will be planted and on approach road total 300 plants will be planted, Total number of plants will be 775.)

- Land use as per mining plan at the end of plan period and at conceptual stage.

Land Use pattern after proposed plan period of five years:

Description	Total Forest Area	Total Non Forest Area	Total
Quarries	4.53 including (reclaimed area 2.22 Ha)	17.09 (including reclaimed area 7.5Ha)	21.62 (including reclaimed area 9.72Ha)
Road	1.10	0.84	1.94
Infrastructure	0.07	0.02	0.09
Dump	0.58	1.59	2.17
Pond	0.00	0.04	0.04
Plantation	0.00	0.38	0.38
Total area in use	6.28	19.96	26.24
Balance area	--	--	103.205
Total area	12.56	39.92	129.445

Land use Pattern after Life of the Mine:-

Description	Total Forest Area	Total Non Forest Area	TOTAL
Quarries	4.53 including (reclaimed area 2.22 Ha)	34.07 (including reclaimed area 26.31 Ha & 3.68Ha reservoir)	38.60 (including reclaimed area 28.53 Ha & 3.68 Ha reservoir)
Road	1.10	0	1.94
Infrastructure	0.07	0.84	0.09
Dump	0.58	0.02	1.07
Pond	0.00	0.49	0.04
Plantation	0.00	0.04	1.02
Total area in use	6.28	36.48	42.76
Balance area	--	--	86.685
Total area	12.56	71.87	129.445

- **Other Waste Generation, if any:** Only soil & over burden will be generated. No other waste will be generated.

Year	Soil (Cum)	OB/SB/IB (Cum)	ROM (Cum)		Total ROM (Cum)	Bauxite (tonnes)
			Ore (Cum)	Quarry Waste (Cum)		
1st Year	32390	86714	126758	31690	158448	304220
2nd Year	292889	35472	86198	136975	34244	328739

10. Land Use (Forest/Agricultural/Waste):

The proponent has applied to surrender forest land.

Forest		Non-forest	
Type of Land	Area in Hectares	Type of Land	Area in Hectares
Protected Forest	41.420	Agricultural Land	66.223
GM Land (jungle jhari)	19.493	Gm land (others)	2.309
Total	60.913	Total	68.532
Total lease area			129.445

11. Details of past production since inception of mine authenticated by DMG

Previous year production details

1.	1988-89	22430.000
2.	1989-90	20410.000
3.	1990-91	40050.000
4.	1991-92	30600.000
5.	1992-93	38260.000
6.	1993-94	23950.000
7.	1994-95	21500.000
8.	1995-96	12750.000
9.	1996-97	14850.000
10.	1997-98	25400.00
11.	1998-99	17450.000
12.	1999-2000	8428.000
13.	2000-2001	11000.000
14.	2001-2002	20750.000
15.	2002-2003	9750.000
16.	2003-2004	12450.000
17.	2004-2005	9350.000
18.	2005-2006	2550.000

	19.	2006-2007	6900.000																		
	20.	2007-2008	10300.000																		
	21.	2008-2009	2700.000																		
	22.	2009-2010	3650.000																		
	23.	2010-2011	5100.000																		
	24.	2011-2012	Nil																		
	25.	2012-2013	Nil																		
<p>12. Applicability of General Condition & Status of SEIAA: General Condition is not applicable.</p> <p>13. Project Cost & Employment:</p> <p>14. Project Cost- Rs.1.5 Crore</p> <table border="1"> <thead> <tr> <th>Serial no.</th> <th>Head</th> <th>Capital</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>Land</td> <td>Nil</td> </tr> <tr> <td>2</td> <td>Road & Temporary Structures</td> <td>10,00,000/-</td> </tr> <tr> <td>3</td> <td>Tools & Machinery</td> <td>1,15,00,000/-</td> </tr> <tr> <td>4</td> <td>Miscellaneous</td> <td>25,00,000/-</td> </tr> <tr> <td colspan="2">Total</td> <td>1,50,00,000</td> </tr> </tbody> </table> <p>15. Employment generation- 71</p> <p>16. Economic development package- The 5% of total estimated cost of approx. 1.5 Crore as mentioned in the report comes as 7.5 Lakh to be spent under CER plan</p>				Serial no.	Head	Capital	1	Land	Nil	2	Road & Temporary Structures	10,00,000/-	3	Tools & Machinery	1,15,00,000/-	4	Miscellaneous	25,00,000/-	Total		1,50,00,000
Serial no.	Head	Capital																			
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Total		1,50,00,000																			
22.4.6.3	<p>Observations and recommendations of committee of 11th EAC meeting held on held on, 31st July - 2nd August 2018:</p> <p>Project proponent did not attend the meeting.</p>																				
22.4.6.4	<p>Observations and recommendations of committee in the present meeting held on 21-22nd May 2019:</p> <p>Project proponent made aware to the committee that they have applied for the surrender of forest land of 60.913 Ha out of total mine lease area of 129.44 Ha.</p> <p>EAC noted the facts and PP requested to defer the project without discussing on technical issues of the project till forest land of 60.913 ha is surrendered.</p>																				
22.4.7	<p>Proposed Sponge Iron Plant of 3×100 TPD (90,000 TPA), Induction furnace 200 TPD (60,000 TPA), Rolling mill 200 TPD (60,000TPA) and Captive Power Plant (6MW) at Sy. No. 83A & 76 Village Belagal, Taluk & District Bellary, Karnataka by M/s Sri Sai Sapthagiri Sponge Pvt. Ltd. – for Terms of Reference [F.No. J-11011/43/2017-IA.II(I)]</p>																				

22.4.7.1	<p>Observations and recommendations of committee in the present meeting held on 21-22nd May 2019:</p> <p>Project proponent did not attend the meeting.</p>												
22.4.8	<p>Proposed Kedla Underground Project (0.22 MTPA peak) of M/s Central Coalfields Limited located at West Bokaro Coalfield in the District Ramgarh, Jharkhand - Further consideration for Terms of Reference [IA/JH/CMIN/74114/2018 dated 10.04.2018] [F. No. 23-243/2018-IA.III (V)]</p>												
22.4.8.1	<p>M/s Central Coalfields Limited has made online application vide proposal no. IA/JH/CMIN/74114/2018 dated 10.04.2018 seeking Term of References for the above mentioned proposed project. The proposed project activity is covered under 'A' category of item 1(a) of the Schedule to the EIA Notification, 2006 and the proposal was appraised at Central level.</p>												
22.4.8.2	<p>Details of the project as per the submission of project proponent:</p> <ol style="list-style-type: none"> 1. Details of Project Proponent:- Mr. Ram Bilash Prajapati Project Officer, Kedla UG, Hazaribagh Area, Central Coalfields Limited, Tel no.8987784319, Email:pokedlaocp4319@gmail.com 2. Details of Project- <ol style="list-style-type: none"> a) Name of Mineral :- Coal b) Project Area :- 333.50 Ha c) Village,Mandal, district :- Village- Durukasmar, Hurdag, Ichakdih, Kedla and Pachanda . Block--Mandu District- Ramgarh 3. Category of the project :- A 4. Whether project attracts the General Condition specified in the Schedule of EIA Notification :- No 5. Details of river/water body-Name of the river/water body Distance from the project Direction:- The drainage of the block is controlled by the Eastern flowing Chutua Nala in the north along the northern boundary, the easterly flowing Bokaro River in the south beyond the block boundary. 6. Details of forest issues :- The details of land required for Kedla UG is given below: <table border="1" data-bbox="475 1671 1433 2029"> <thead> <tr> <th>S.N</th> <th>Details of Land</th> <th>Acquisition Status of Land (Ha)</th> </tr> </thead> <tbody> <tr> <td></td> <td>Forest Land</td> <td></td> </tr> <tr> <td>a</td> <td>Notified Forest land Stage-I diverted</td> <td>29.19</td> </tr> <tr> <td>b</td> <td>NPV paid for NF and JJ within Project area</td> <td>89.65 (29.82 & 59.83)</td> </tr> </tbody> </table> 	S.N	Details of Land	Acquisition Status of Land (Ha)		Forest Land		a	Notified Forest land Stage-I diverted	29.19	b	NPV paid for NF and JJ within Project area	89.65 (29.82 & 59.83)
S.N	Details of Land	Acquisition Status of Land (Ha)											
	Forest Land												
a	Notified Forest land Stage-I diverted	29.19											
b	NPV paid for NF and JJ within Project area	89.65 (29.82 & 59.83)											

	Total Forest Land	118.84
	Non-Forest Land	214.66
Total land within the Project Area		333.50

7. **Mine Capacity in ROM (Run of Mine) :- 0.22 MTY**
8. **Whether the proposal is mining of Minor minerals project. :- No**
9. **Whether the proposal is mining of Major minerals project. :- Yes**
- 10.11. **No. of Mineral to be Mined with name :- 1, Coal**
11. **Details of mine lease:** - Land is acquired under Coal Bearing Area (Acquisition and Development) Act, 1957 under S.O. Nos: 2082 dated 30.06.1981, SO no. 1754 dated 15.05.1996 , SO no. 3687 dated 13.09.1983.
12. **Details of past production of mine since its inception duly in tabular form:**

Year	Production(Tonnes)
1976-77	40672
1977-78	69000
1978-79	85000
1979-80	120992
1980-81	106023
1981-82	100500
1982-83	116800
1983-84	160620
1984-85	157000
1985-86	135055
1986-87	137060
1987-88	165073
1988-89	150312
1989-90	160005
1990-91	162352
1991-92	177560
1992-93	173587
1993-94	177692
1994-95	144227
1995-96	144255
1996-97	136615
1997-98	142749
1998-99	139776
1999-00	167024

2000-01	166126
2001-02	151736
2002-03	145338
2003-04	162598
2004-05	202856
2005-06	205903
2006-07	166415
2007-08	158010
2008-09	160331
2009-10	106820
2010-11	93395
2011-12	87378
2012-13	117764
2013-14	120131
2014-15	125002
2015-16	113940
2016-17	60257
2017-18	63583
2018-19	57750

13. Details of Violation: - The project produced more than 1993-94 production level. The details are given below-

Year	Coal (MT)
2004-05	0.202
2005-06	0.205

14. The chronology of events for seeking EC,

(i) Date of application for TOR/EC submitted to MoEF&CC/SEIAA: - 10.04.2018

(ii) Date of appraisal of EAC/SEAC meetings so far: 19.09.2018

(iii) Observations/recommendations of the EAC/SEAC in each meeting:
EAC Committee (Violation) considered the project on 19.09.2018 where EAC deferred the project for want of additional information. The information was submitted on Parivesh Portal of MoEF&CC on 30.04.2019.

22.4.8.3

Observations and recommendations of committee of 13th EAC meeting held on held on, 18th-20th September 2018

Project proponent has made a detailed presentation on the proposal. After detailed deliberation, EAC *deferred* the proposal for want of following information:

- i. Submission of revised pre-feasibility report.
- ii. Surface drainage plan within 2km, 5km and 10km is to be submitted

	<ul style="list-style-type: none"> iii. Submission of Dump management plan. iv. Forest clearance status. v. DGMS permission for blasting at project site is to be submitted. vi. Mine water drainage plan along with protection measures for nearby water bodies. vii. Submission of detail plan for rain harvesting water. viii. Mining lease document is to be submitted. ix. Past production details since inception of mine. x. Submission of details of Coal washeries with EC status and details of coal transport plan. xi. Details of R&R plan.
22.4.8.4	<p>Observations and recommendations of Committee in the present meeting:</p> <p>The EAC noted that PP has increased the baseline production of 1993-94 (0.177 MT) in the year 2004-2005 & 2005-2006 without taking prior Environmental Clearance, hence violation of E (P) Act 1986. The EAC, after detailed deliberations on the information presented and submitted by the PP, recommended for issuing Standard Term of Reference along with the following specific Term of Reference for undertaking EIA and preparation of Environment Management Plan (EMP) subject to submission of revised Form1:</p> <ul style="list-style-type: none"> (i) The State Government/SPCB to take action against the project proponent under the provisions of section 19 of the Environment (Protection) Act, 1986, and further no consent to operate for expansion project to be issued till the project is granted EC for the expansion. (ii) The project proponent shall be required to submit a bank guarantee equivalent to the amount of remediation plan and natural and community resource augmentation plan with the SPCB prior to the grant of EC. The quantum shall be recommended by the EAC and finalized by the regulatory authority. The bank guarantee shall be released after successful implementation of the EMP, followed by recommendations of the EAC and approval of the regulatory authority. (iii) Assessment of ecological damage with respect to air, water, land and other environmental attributes. The collection and analysis of data shall be done by an environmental laboratory duly notified under the Environment (Protection) Act, 1986, or an environmental laboratory accredited by NABL, or a laboratory of a Council of Scientific and Industrial Research (CSIR) institution working in the field of environment. (iv) Preparation of EMP comprising remediation plan and natural and community resource augmentation plan corresponding to the ecological damage assessed and economic benefits derived due to violation. (v) The remediation plan and the natural and community resource augmentation plan to be prepared as an independent chapter (13) in the EIA report by the accredited consultants. (vi) The PP is required to conduct public hearing as per EIA notification, 2006.

	<p>(vii) One season base line data is to be collected and reported in the EIA/EMP report.</p> <p>(viii) Fund allocation for Corporate Environment Responsibility (CER) shall be made as per Ministry's O.M. No. 22-65/2017-IA.III dated 1st May, 2018 for various activities therein. The details of fund allocation and activities for CER shall be incorporated in EIA/EMP report.</p> <p>(ix) In case of violation of undertaking by way of affidavit to comply with all the statutory requirements and judgment of Hon'ble Supreme Court dated, the ToR/Environmental Clearance shall be liable to be terminated forthwith.</p> <p>(x) Declaration by way of undertaking is to be submitted by the PP that remediation plan will be implemented within the life of mine or with the closure plan.</p> <p>(xi) Copy of approved mining plan is to be submitted.</p> <p>(xii) Budget of remediation plan and natural and community resource augmentation plan corresponding to the ecological damage shall be completed within three years and to prepare accordingly.</p> <p>(xiii) The Action Plan on the compliance of the recommendations of the CAG as per Ministry's 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</p> <p>(xiv) Subsidence management plan to be submitted.</p>
22.4.9	Proposed Kedla Opencast Project (1.35 MTPA peak) of M/s Central Coalfields Limited located at West Bokaro Coalfield in Mandu Development Block of Ramgarh District, Jharkhand - Further consideration for Terms of Reference IA/JH/CMIN/74115/2018 dated 11.04.2018] [F. No. 23-244/2018-IA.III (V)]
22.4.9.1	M/s Central Coalfields Limited has made online application vide proposal no. IA/JH/CMIN/74115/2018 dated 11.04.2018 seeking Term of References for the above mentioned proposed project. The proposed project activity is covered under 'A' category of item 1(a) of the Schedule to the EIA Notification, 2006 and the proposal was appraised at Central level.
22.4.9.2	<p>Details of the project as per the submission of project proponent:</p> <ol style="list-style-type: none"> 1. Details of Project Proponent:- Mr. Ram Bilash Prajapati Project Officer, Kedla OCP, Hazaribagh Area, Central Coalfields Limited, Tel no.8987784319, Email:pokedlaocp4319@gmail.com 2. Details of Project- <ol style="list-style-type: none"> a) Name of Mineral :- Coal b) Project Area :- 1084.49 ha c) Village,Mandal, district :- Village- Kedla, Parsabera, laiyo, ichakdih and Banji. Block--Mandu District- Ramgarh 3. Category of the project :- A

4. **Whether project attracts the General Condition specified in the Schedule of EIA Notification :- No**

5. **Details of river/water body-Name of the river/water body Distance from the project Direction:-** The Bokaro river forms the southern boundary and Chutua Nullah flows in the northern half of the block. Easterly flowing kedlanala crosses the project area.

6. **Details of forest issues :-**

Type of forest land & status of diversion	Area of land (Ha)
Notified Forest land Stage-I diverted	168.50
Forest land released before 1980	69.57
NPV paid for (NF & GMK JJ)	274.38
Total	512.45

7. **Mine Capacity in ROM (Run of Mine) :- 1.35 MTY**

8. **Whether the proposal is mining of Minor minerals project. :- No**

9. **Whether the proposal is mining of Major minerals project. :- Yes**

10. **No. of Mineral to be Mined with name :- 1, Coal**

11. **Details of mine lease:** The land for project was acquired under Coal Bearing Area (Acquisition and Development) Act, 1957 under S.O. Nos: 1754 dated 15.05.1996, SO no. 343 dated 05.02.2004, SO no 3687 dated 13.09.1983.

12. **Details of past production of mine since its inception duly in tabular form:**

Year	Production (Tonnes)
1973-74	0
1974-75	0
1975-76	0
1976-77	0
1977-78	145178
1978-79	222689
1979-80	348872
1980-81	498000
1981-82	400000
1982-83	377461
1983-84	400054
1984-85	397675
1985-86	529686

1986-87	575001
1987-88	498565
1988-89	442475
1989-90	402856
1990-91	489025
1991-92	338221
1992-93	145250
1993-94	373293
1994-95	282783
1995-96	392444
1996-97	326839
1997-98	384815
1998-99	450733
1999-00	490152
2000-01	376485
2001-02	326760
2002-03	330115
2003-04	333010
2004-05	402015
2005-06	426170
2006-07	462745
2007-08	452285
2008-09	457600
2009-10	486315
2010-11	750185
2011-12	648204
2012-13	405097
2013-14	256290
2014-15	360651
2015-16	303291
2016-17	170800
2017-18	252754
2018-19	178074

13. Details of Violation: - The project produced more than 1993-94 production level. The details are given below-

Year	Coal (MT)
1995-96	0.392
1997-98	0.384
1998-99	0.450
1999-00	0.490
2000-01	0.376
2004-05	0.402

		2005-06	0.426	
		2006-07	0.462	
		2007-08	0.452	
		2008-09	0.457	
		2009-10	0.486	
		2010-11	0.750	
		2011-12	0.648	
		2012-13	0.405	
	<p>14. The chronology of events for seeking EC, (i) Date of application for TOR/EC submitted to MoEF&CC/SEIAA: - 11.04.2018 (ii) Date of appraisal of EAC/SEAC meetings so far: 19.09.2018 (iii) Observations/recommendations of the EAC/SEAC in each meeting: EAC Committee (Violation) considered the project on 19.09.2018 where EAC deferred the project for want of additional information. The information was submitted on Parivesh Portal of MoEF&CC on 30.04.2019.</p>			
22.4.9.3	<p>Observations and recommendations of committee of 13th EAC meeting held on held on, 18th-20th September 2018:</p> <p>Project proponent has made a detailed presentation on the proposal. After detailed deliberation, EAC <i>deferred</i> the proposal for want of following information:</p> <ol style="list-style-type: none"> i. Submission of revised pre-feasibility report. ii. Surface drainage plan within 2km, 5km and 10km is to be submitted iii. Submission of Dump management plan. iv. Forest clearance status. v. DGMS permission for blasting at project site is to be submitted. vi. Mine water drainage plan along with protection measures for nearby water bodies. vii. Submission of detail plan for rain harvesting water. viii. Mining lease document is to be submitted. ix. Past production details is to be submitted since inception of mine. x. Detailed hydrological study to be carried out as per the GEC-2015 guidelines. xi. Submission of details of Coal washeries wit EC status and details of coal transport plan. xii. Details of R&R plan. 			

22.4.9.4

Observations and recommendations of committee in the present EAC meeting:

The EAC noted that PP has increased the baseline production of 1993-94 (0.373 MT) in the year 1995-96, 1997-98, 1998-99, 1999-2000, 2000-2001 and from 2004 to 2013 without taking prior Environmental Clearance, hence violation of E (P) Act 1986. The EAC, after detailed deliberations on the information presented and submitted by the PP, **recommended** for issuing **Standard Term of Reference** along with the following specific Term of Reference for undertaking EIA and preparation of Environment Management Plan (EMP) subject to submission of revised Form1:

- (i) The State Government/SPCB to take action against the project proponent under the provisions of section 19 of the Environment (Protection) Act, 1986, and further no consent to operate for expansion project to be issued till the project is granted EC for the expansion.
- (ii) The project proponent shall be required to submit a bank guarantee equivalent to the amount of remediation plan and natural and community resource augmentation plan with the SPCB prior to the grant of EC. The quantum shall be recommended by the EAC and finalized by the regulatory authority. The bank guarantee shall be released after successful implementation of the EMP, followed by recommendations of the EAC and approval of the regulatory authority.
- (iii) Assessment of ecological damage with respect to air, water, land and other environmental attributes. The collection and analysis of data shall be done by an environmental laboratory duly notified under the Environment (Protection) Act, 1986, or an environmental laboratory accredited by NABL, or a laboratory of a Council of Scientific and Industrial Research (CSIR) institution working in the field of environment.
- (iv) Preparation of EMP comprising remediation plan and natural and community resource augmentation plan corresponding to the ecological damage assessed and economic benefits derived due to violation.
- (v) The remediation plan and the natural and community resource augmentation plan to be prepared as an independent chapter (13) in the EIA report by the accredited consultants.
- (vi) The PP is required to conduct public hearing as per EIA notification, 2006.
- (vii) One season base line data is to be collected and reported in the EIA/EMP report.
- (viii) Fund allocation for Corporate Environment Responsibility (CER) shall be made as per Ministry's O.M. No. 22-65/2017-IA.III dated 1st May, 2018 for various activities therein. The details of fund allocation and activities for CER shall be incorporated in EIA/EMP report.
- (ix) In case of violation of undertaking by way of affidavit to comply with all the statutory requirements and judgment of Hon'ble Supreme Court dated, the ToR/Environmental Clearance shall be liable to be terminated forthwith.
- (x) Declaration by way of undertaking is to be submitted by the PP that

	<p>remediation plan will be implemented within the life of mine or with the closure plan.</p> <p>(xi) Copy of approved mining plan is to be submitted.</p> <p>(xii) Budget of remediation plan and natural and community resource augmentation plan corresponding to the ecological damage shall be completed within three years and to prepare accordingly.</p> <p>(xiii) The Action Plan on the compliance of the recommendations of the CAG as per Ministry's 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.</p>
22.4.10	<p>Proposed Giddi Opencast Project (1.00 MTPA peak) of M/s Central Coalfields Limited located at South Karanpura Coalfield in Mandu Development Block of Hazaribagh District, Jharkhand - Further consideration for Terms of Reference [IA/JH/CMIN/74323/2018 dated 12.04.2018] [F. No. 23-245/2018-IA.III (V)]</p>
22.4.10.1	<p>M/s Central Coalfields Limited has made online application vide proposal no.IA/JH/CMIN/74323/2018 dated 12.04.2018 seeking Term of References for the above mentioned proposed project. The proposed project activity is covered under 'A' category of item 1(a) of the Schedule to the EIA Notification, 2006 and the proposal was appraised at Central level.</p>
22.4.10.2	<p>Details of the project as per the submission of project proponent:</p> <ol style="list-style-type: none"> 1. Details of Project Proponent:- General Manager (Mining)/ Project Officer, Giddi A OCP, Argada Area. Central Coalfields Limited 2. Details of Project- <ol style="list-style-type: none"> a) Name of Mineral :- Coal b) Project Area:- 187.98 Ha c)Village,Mandal, district :- Village- Giddi & Kurkutta village, Block:Mandu, District: hazaribagh 3. Category of the project :- A 4. Whether project attracts the General Condition specified in the Schedule of EIA Notification :- No 5. Details of river/water body-Name of the river/water body Distance from the project Direction: - The drainage of the block is controlled by easterly flowing master drainage Damodar river which flows in the south of the block at a safe distance and its tributary, southerly flowing Local nala, which flows in the west of the project boundary. Local nala meets master drainage Damodar river at a distance of more than 1500 m in the south of the block. The HFL of the Damodar river as recorded in the vicinity of the project is 330.40 m above MSL (As on 17.09.1976). The drainage pattern of the area is mostly dendritic in nature.

6. Details of forest issues: - Total Forest land for the current proposal is

73.94Ha. Forest land involved is 73.94 Ha. Obtained Stage I vide MoEF file no: 8-73/2003-FC Dt.08.06.2004 for 232.42 Ha.

7. Mine Capacity in ROM (Run of Mine) :- Giddi A OC: 01 MTPA.

8. Whether the proposal is mining of Minor minerals project. :- No

9. Whether the proposal is mining of Major minerals project. :- Yes

10.No. of Mineral to be Mined with name :- 1, Coal

11.Details of mine lease: Land is acquired under Nationalization and CB Act vide SO notification 252 dated 15.01.1958.

12.Details of past production of mine since its inception duly in tabular form:

Year	Production (Tonnes)
1993-94	233640
1994-95	174072
1995-96	200019
1996-97	177312
1997-98	200496
1998-99	380016
1999-00	264036
2000-01	126336
2001-02	153552
2002-03	187500
2003-04	320000
2004-05	325404
2005-06	366864
2006-07	346116
2007-08	350388
2008-09	412680
2009-10	400056
2010-11	481368
2011-12	485388
2012-13	532428
2013-14	503660
2014-15	415346
2015-16	453580
2016-17	301074
2017-18	198682
2018-19	208252

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	<p>13. Details of Violation :- The project has no Prior EC and has exceeded the 1993-94 production</p> <p>14. The chronology of events for seeking EC,</p> <p>(i) Date of application for TOR/EC submitted to MoEF&CC/SEIAA: - Form-I Submitted 12.04.2018.</p> <p>(ii) Date of appraisal of EAC/SEAC meetings so far: Considered by EAC (Violation) meeting held on 19.09.2018.</p> <p>(iii) Observations/recommendations of the EAC/SEAC in each meeting: EAC (Violation) desired submission of revised PFR, drainage plan, DGMS approval, FC status etc.</p> <p>(iv) Details of action taken by the State Government/SEIAA u/s 5/u/s 19 of the EP Act, 1986 for the alleged violation of the EIA Notification, 2006: NA</p> <p>(v) Complaint case filed by the State Government/State Pollution Control Board: NA</p> <p>(vi) Further consideration of the proposal by the EAC/SEAC, in case action was taken as mentioned in point (iv) and (v) above. If yes, furnish details: NA</p> <p>(vii) Final recommendations of MOEF&CC/SEIAA in reference to point (vi) above: NA</p> <p>(viii) Legal interventions, if any: NA</p>
22.4.10.3	<p>Observations and recommendations of committee of 13th EAC meeting held on held on, 18th-20th September 2018:</p> <p>Project proponent has made a detailed presentation on the proposal. After detailed deliberation, EAC <i>deferred</i> the proposal for want of following information:</p> <ol style="list-style-type: none"> i. Submission of revised pre-feasibility report. ii. Surface drainage plan within 2km, 5km and 10km is to be submitted iii. Submission of Dump management plan. iv. Forest clearance status. v. DGMS permission for blasting at project site is to be submitted. vi. Mine water drainage plan along with protection measures for nearby water bodies. vii. Submission of detail plan for rain harvesting water. viii. Mining lease document is to be submitted. ix. Past production details is to be submitted since inception of mine. x. Coal transport details is to be submitted. xi. Photographs showing dump, quarry and plantation. xii. Photograph showing air, water and soil pollution control measures.

	xiii. Proposed air quality monitoring station with wind rose diagrams.
22.4.10.4	<p>Observations and recommendations of the committee in present meeting held on 21-22nd May 2019:</p> <p>The EAC noted that PP has increased the baseline production of 1993-94 (0.233 MT) in from the year 1998-2000 & 2003-17 without taking prior Environmental Clearance, hence violation of E (P) Act 1986. The EAC, after detailed deliberations on the information presented and submitted by the PP, recommended for issuing Standard Term of Reference along with the following specific Term of Reference for undertaking EIA and preparation of Environment Management Plan (EMP) subject to submission of revised Form1:</p> <ul style="list-style-type: none"> (i) The State Government/SPCB to take action against the project proponent under the provisions of section 19 of the Environment (Protection) Act, 1986, and further no consent to operate for expansion project to be issued till the project is granted EC for the expansion. (ii) The project proponent shall be required to submit a bank guarantee equivalent to the amount of remediation plan and natural and community resource augmentation plan with the SPCB prior to the grant of EC. The quantum shall be recommended by the EAC and finalized by the regulatory authority. The bank guarantee shall be released after successful implementation of the EMP, followed by recommendations of the EAC and approval of the regulatory authority. (iii) Assessment of ecological damage with respect to air, water, land and other environmental attributes. The collection and analysis of data shall be done by an environmental laboratory duly notified under the Environment (Protection) Act, 1986, or an environmental laboratory accredited by NABL, or a laboratory of a Council of Scientific and Industrial Research (CSIR) institution working in the field of environment. (iv) Preparation of EMP comprising remediation plan and natural and community resource augmentation plan corresponding to the ecological damage assessed and economic benefits derived due to violation. (v) The remediation plan and the natural and community resource augmentation plan to be prepared as an independent chapter (13) in the EIA report by the accredited consultants. (vi) The PP is required to conduct public hearing as per EIA notification, 2006. (vii) One season base line data is to be collected and reported in the EIA/EMP report. (viii) Fund allocation for Corporate Environment Responsibility (CER) shall be made as per Ministry's O.M. No. 22-65/2017-IA.III dated 1st May, 2018 for various activities therein. The details of fund allocation and activities for CER shall be incorporated in EIA/EMP report. (ix) In case of violation of undertaking by way of affidavit to comply with all the statutory requirements and judgment of Hon'ble Supreme Court dated, the ToR/Environmental Clearance shall be liable to be terminated forthwith.

	<p>(x) Declaration by way of undertaking is to be submitted by the PP that remediation plan will be implemented within the life of mine or with the closure plan.</p> <p>(xi) Copy of approved mining plan is to be submitted.</p> <p>(xii) Budget of remediation plan and natural and community resource augmentation plan corresponding to the ecological damage shall be completed within three years and to prepare accordingly.</p> <p>(xiii) The Action Plan on the compliance of the recommendations of the CAG as per Ministry's 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.</p>
22.5	Any other item
22.5.1	<p>Proposed expansion of M/s Shogun Organics Ltd at Plot No. D-18, MIDC Kurkumbh, Taluka Daund, District Pune (Maharashtra) by M/s Shogun Organics Limited.</p> <p>Correction in the earlier minutes of 20th EAC meeting held on 28th -29th March ,2019 was made at S. No. 21.2 under confirmation of minutes, in the minutes of 21st EAC meeting held on 15th-16th April, 2019.</p> <p>Typographical correction in the above minutes:</p> <p>21.2.1 :Under para no. 20.4.3.6 may be read as “ Under para no 20.3.4.6”</p>

Members of the EAC for the proposal involving violation of EIA Notification, 2006 present during 22nd meeting held on 21st -22nd May, 2019 at MoEF&CC, New Delhi and approved the above minutes.

Sl. No.	Name of the EAC member	Role/Designation	Signature
1.	Dr. S.R. Wate,	Chairman	
2.	Dr. G.V. Subrahmanyam	Member	
3.	Dr.A.L. Ramanathan	Member	
4.	Dr. M.V. Ramana Murthy,	Member	
5.	Shri K Gowarappan	Member	
6.	Dr.Dilip S. Ramteke,	Member	
7.	Dr. Poonam Kumria,	Member	
8.	Dr.Bharat Jain,	Member	
9.	Dr.Subrata Maity,	Member	
10.	Shri Ashok Agrawal,	Member	
11.	Shri Raghu Kumar Kodali	Member Secretary	