

**GOVERNMENT OF INDIA**  
**MINISTRY OF ENVIRONMENT, FOREST AND CLIMATE CHANGE**  
**(IMPACT ASSESSMENT DIVISION)**  
**NON-COAL MINING SECTOR**

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**SUMMARY RECORD OF 25<sup>th</sup> MEETING OF THE COMMITTEE OF THE EXPERT APPRAISAL COMMITTEE FOR ENVIRONMENTAL APPRAISAL OF NON-COAL MINING PROJECTS CONSTITUTED UNDER THE EIA NOTIFICATION, 2006.**

The 25<sup>th</sup> meeting of the Expert Appraisal Committee for Environmental Appraisal of Mining Projects (Non-Coal) of the Ministry of Environment, Forest and Climate Change was held during 22-24<sup>th</sup> December, 2020 **through video conference**. The list of participants is annexed herewith. After login of the Committee Members through video conference link provided by NIC, discussion on each of the Agenda Items was taken up ad-seriatim.

**(1.0) Deliberation & Circulation on the Minutes of the 24<sup>th</sup> EAC Meeting held during December, 9-11, 2020**

The minutes of 24<sup>th</sup> EAC Meeting held during December, 09-11, 2020 was placed before the members of the Committee. The Member Secretary informed the Committee that the following corrigendum was made in 24<sup>th</sup> EAC Meeting held during December, 09-11, 2020 as given below:

<b>S. No</b>	<b>Typographical Error</b>	<b>May be read as</b>	<b>Remarks</b>
1	Page No. 20, Para 21, Line No. 12-15  Blasting activity shall be done with all valid permissions and all the safety precautions should be taken during blasting and timing of the blasting shall be planned in a manner so that it does not match with the students movement. Blasting should be restricted up to 4.5 m depth.	Blasting activity shall be done with all valid permissions and all the safety precautions should be taken during blasting and timing of the blasting shall be planned in a manner so that it does not match with the students movement. Blasting should be restricted to 114 mm diameter drill holes only.	-

2	<p>Page No. 70 , Para 10 , Line No. 3-5</p> <p>Further, the TOR may have the specific conditions as recommended by CSIR-NEERI on carrying capacity study as per Annexure III.</p>	-	<p>‘Deleted’</p> <p>As the recommendation of CSIR-NEERI carrying capacity study is applicable only for Odisha State. Hence it is not applicable for Karnataka State.</p>
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**1.1: Stone Mines of M/s Starnet Marketing Private Limited proposed production capacity of 495285.12 TPA in the mine lease area 8.397 Ha located at Village Madurna, Tehsil- Chainpur, District Kaimur, State Bihar. [Proposal no: IA/BR/MIN/109225/2019; File No. J-11015/63/2019-IA-II(M)] – Environmental Clearance**

The Proposal of M/s Starnet Marketing Private Limited is for production of 495285.12 TPA of Stone from mine lease having area of 8.397 Ha located at Village Madurna, Tehsil- Chainpur, District- Kaimur, State- Bihar. The mine lease area falls in the Survey of India Topo-Sheet No. 63/O/12. The site falls between Latitude 25°01’34.30’’N to 25°01’46.8’’N and longitudes 83°28’48.80’’E to 83°29’02.7’’E.

2. The project proponent submitted that the project falls under Category ‘A’ as the general condition is applicable for the project as the Kaimur WLS is falling within 10 km of the project site.

3. The project proponent applied online vide proposal no. IA/BR/MIN/109225/2019 dated 27.12.2019 for grant of ToR and submitted the Form I, Pre-feasibility Report. The proposal was placed in EAC meeting held during 30-31 January, 2020 and 18<sup>th</sup> EAC meeting held on 22nd -24th June, 2020 and the Committee recommended the proposal and prescribed the Standard ToR with additional conditions. The Terms of Reference was issued by MoEF&CC vide letter No. IA-J-11015/63/2019-IA.II (M) dated 09th July, 2020 for carrying out EIA Studies & prepare EMP report for obtaining Environmental Clearance. Application for EC was submitted to MoEF&CC online on 09.12.2020. The proposal was considered in 25<sup>th</sup> EAC meeting held during 22-24<sup>th</sup> December, 2020.

4. The project proponent submitted that the State Government granted Lol vide letter No. 1033 dated 26.07.2016 over an area of 20.75 Acre (8.397 Ha) for stone mining and time period of 120 days was given for submission of certain documents

within 120 days. Then PP submitted on 20.04.2020 and letter issued vide No. 343/Khanan, Kaimur dated 05.03.2020 from District Mining Office, Kaimur (Bhabhua).

5. The project proponent submitted that the mining plan was approved by department of Mines and Geology, Bihar vide no. minor mine(stone)-22/16-2857/M., dated 22.09.2017.

6. The proposal was considered in 25<sup>th</sup> EAC meeting held during 22-24<sup>th</sup> December, 2020. Based on the documents submitted and presentation made by the project proponent and the consultant, the Committee **deferred** the proposal and was of the view that the proposal may be considered after submission of the following information:

- i. Detailed technical note on how the mining will be carried out as per the plan and its impact on environment. Location of crusher on a map, process in the crusher, material handling/movement and its emission details, and dust control equipments in place need to be submitted.
- ii. An actionable EMP component wise for all components of environment viz. air, water, noise, soil and plantation with capital investment and recurring expenses over a period of mine plan needs to be submitted.
- iii. PP should submit effective conservation plan prepared by experts with proper budgetary provision proposed duly authenticated by Chief Wildlife warden. Purchasing of vehicles should be discouraged in the budget proposal of the conservation plan.
- iv. PP should revise the CER budget plan as well as additional cost in the EMP in the buffer zone be described indicating capital expenditure for the benefit of the public specially the students who can facilitate the online education system by providing Wi-Fi connectivity and desktops/tablets.

**1.2: Proposed Limestone Mining with Production Capacity of 1.0 MTPA by M/s Cement Corporation of India Limited in Karigatta Limestone Area of 119.64 Hectares Near Village Injepalli & Sedam, Sedam Taluka, Kalburagi District, Karnataka- [Proposal no: IA/ KA/ MIN/77229/2018; File No. J- 110105/112/2018-IA.II (M)] - Consideration of Environmental Clearance.**

The Proposal of M/s Cement Corporation of India Limited is for Limestone Mining with Production Capacity of 1.0 MTPA located in Karigatta Limestone Area of 119.64 Hectares Near Village Injepalli & Sedam, Sedam Taluka, Kalburagi District, Karnataka. The mine lease area falls in the Survey of India G.T Sheet No. 56 G/04 & 56 G/08 with latitude 17° 9' 9.80" N to 17° 8' 16.3" N & longitude 77° 20' 49.93" E to 77° 19' 54.35" E.

2. As per EIA Notification dated 14th September, 2006 as amended from time to time, the project falls under Category "A", Project or Activity 1(a) as the Mining lease area is more than 100 Ha and the proposed project lies within the interstate

boundary of Telangana and Karnataka, which is about 3.4 km towards ENE from the mine site.

3. The project proponent submitted the proposal for grant of Terms of Reference for Karigatta Limestone with Production Capacity of 1.0 MTPA by M/s Cement Corporation of India Limited in the mine lease area of 119.64 Hectares Near Village Injepalli & Sedam, Sedam Taluka, Kalburagi District, Karnataka was applied vide proposal no IA/KA/MIN/77229/2018 and the Ministry accorded the same vide letter no. J-11015/112/2018-IA.II (M) dated 30<sup>th</sup> August, 2019 for undertaking EIA study in accordance with the provisions of Environmental Impact Assessment Notification dated 14-11-2006.

The project proponent submitted that Draft EIA/EMP report was submitted to KSPCB and public hearing / consultation process held on 11.09.2020 and the final EIA/EMP report was prepared incorporating the public hearing proceedings and the proposal for grant of EC was submitted vide IA/KA/MIN/77229/2018 dated 09.12.2020.

4. The proposal was considered in 25<sup>th</sup> EAC meeting held during 22-24<sup>th</sup> December, 2020 and based on the documents submitted and presentation made by the project proponent and the consultant, the Committee opined that PP has not valid lease document and mining plan. The Committee therefore **deferred** the proposal and was of the view that the proposal may be considered after submission of following information:

- i. PP to submit valid mine lease document.
- ii. PP needs to submit mining plan duly approved by IBM.
- iii. A Certificate from the Competent Authority in the State Forest Department should be provided, confirming the involvement of forest land, if any, in the project area. PP should also submit list of Schedule – I species present in the lease area authenticated by PCCF and the status of National Park/Sanctuary, Biosphere Reserve/Tiger Reserve/Elephant Reserve/any other Reserve, Habitat for migratory birds, Corridor for animals within 10 km of the lease area.

**1.3: Expansion in Mining capacity of Flag stone (Minor Mineral) M/s Indira Patthar Shramik Sahkari Samiti Maryadit from 4500m<sup>3</sup>/year (eq. to 11,700 TPA) to 100000 m<sup>3</sup>/year (eq. to 2.6 Lakh TPA) production in mine lease area of 117.532 ha located at Village Suwakheda, Dist. Neemuch M.P. [Proposal no: IA/MP/MIN/18520/ 2012; File No. J- 110105/348/2008-IA. II(M)] - Environmental Clearance regarding.**

The proposal of M/s Indira Patthar Shramik Sahkari Samiti Maryadit is for obtaining Environment clearance for Expansion in Mining capacity of Flag stone (Minor Mineral) from 4500m<sup>3</sup>/year (eq. to 11,700 TPA) to 100000 m<sup>3</sup>/year (eq. to 2.6 Lakh TPA) production in mine lease area of 117.532 ha located at Village Suwakheda, Dist. Neemuch Madhya Pradesh. The mine lease area is located on Survey of India Toposheet No. 45 L/14 and the location coordinates as below:

Village Name	Latitude	Longitude
Suwakheda	24°33'07.2" N to 24°33'33" N	74°50'03.4" E to 74°50'33.5" E
Kheda Rathore	24°33'36" N to 26°34'22" N	74°50'07.5" E to 74°50'18.5" E
Kundla	24°33'23.3" N to 26°34'23.3" N	74°50'16.2" E to 74°50'33.5" E

2. As per EIA Notification dated 14th September, 2006 as amended from time to time, the project falls under Category A or Activity 1(a) Mining of Minerals as the mining lease area is greater than 100 ha.

3. The project proponent applied vide proposal no IA/MP/MIN/ 65269/2017 on 08.06.2017 and submitted Form-1 and PFR and the proposal was considered in the EAC meeting held during 24<sup>th</sup> July, 2017 wherein the committee prescribed the Standard and Specific ToR for undertaking EIA/EMP study and the Ministry issued the ToR vide Lr. No. J-11015/348/2008-IA.II (M) dated 08.09.2017 and it was valid up to 07.09.2020. Thereafter, PP applied for Extension of validity of ToR Proposal no: IA/MP/MIN/171407/2020 dated 04.09.2020 and the proposal was considered in 22<sup>nd</sup> EAC meeting held during 26-28 October, 2020 and the Committee recommended for extending the TOR validity for a period of one year from the date of expiry i.e. 08.09.2020 to 07.09.2021 and the Ministry issued the letter on 19.09.2020. PP now applied vide proposal no. IA/MP/MIN/18520/2012 dated 05.12.2020 applied for grant of EC and submitted the Form 2 and EIA Report after conducting the Public Hearing. The proposal was placed in 25<sup>th</sup> EAC meeting held during 22 - 24 December, 2020.

4. The project proponent submitted that M/s Indira Patthar Shramik Shahkari Samiti Maryadit, is registered under Co-operative Society in Mandsaur District with registration No. 1811 dtd. 06/03/1997. The society is having mining lease over an area of 117.532 ha in villages Suwakheda, Khera Rathore & Kundla in Tehsil Jawad, District Neemuch of Madhya Pradesh for Flag stone, Khanda & Gitti mining which is a minor mineral. The society is facilitated the local workers or mining operations

since 1998. The project has been obtained prior Environmental Clearance from MoEF &CC vide letter No. J-11015/348/2008-IA. II (M) dtd. 22.08.2014 for mining of flag stone over an area of 117.532 ha, with mining capacity is 11700 TPA or (4500 cum per year). This Quarry area is contiguous to above three villages. This is old quarry and operated by the members of society and the society member is mine workers in the project. This mine was under operation from more than fifty years. The society is operating the mine since 1998. PP also submitted that the lease is granted by State Govt. of M.P. on 24.09.2013 to the society in public interest for 10 years. The validity of lease is from 24.09.2013 to 23.09.2023. The mine lease area of 117.52 Ha is government waste land and 0.878 Ha is private land.

5. The project proponent submitted that Mining Plan approved by the Regional Head DGM, Indore vide letter no. 1288/M.Plan/u-Ø-201 Indore Dated on 19.08.2019.

6. The project proponent submitted that the method of excavation will be opencast/semi mechanized method of mining using required hand tool such spades, chisel, hammer and excavators (poclain, hydra and JCB machines etc) slab of the Farshi Patthar (Flagstone) are being transported from pit bottom to surface, sometime manually or mechanically using the hydra machine and from loading point of view, Flagstone is transported by truck/trolley to the end users. PP submitted that there is no requirement of blasting for block mining of farshi Patthar (Flagstone) slabs etc, in general small holes are made manually/machine and these slabs are developed as per requirement and geological occurrence. However, blasting may be required if any heavy massive formation is found, which will be used as per standard norms. PP reported that the mineable reserves (122) is 19786200 m<sup>3</sup>. PP submitted that waste is in the form of overburden consists of khanda, kattal and gitti and intercalated clay etc. this will be in loose form in the shape of chips and lumps. Keeping the past mining activity, the generated waste has been used for the construction of road and part of its stacked within the lease area. During the proposal period and conceptual period there will be no waste generation as the recovery is 100%. The top soil is being temporarily stacked in the applied area for further utilization of topping the backfilled area.

7. The project proponent submitted that depth of mining will 30m at conceptual stage and the water table is found at the depth of 35-40m bgl. PP submitted that the water requirement is 23 KLD, out of which 20 KLD water is used from existing mine pit and only 3 KLD from hand pump/bore well for drinking purpose. No waste water is being generated from the mining operations. The waste water generated due to domestic usages shall be taken to the septic tank attached with soak pit.

8. The project proponent reported that at present 5 ha area has been covered with plantation with 5000 no. s and the proposed plantation is 7500 no. s over an area 39 ha in next twenty years in phases and in first five-year plantation will be developed over 5 ha and the budget earmarked for plantation is Rs 4 Lakhs.

9. The project proponent submitted that proposal does not require clearance under Forest Conservation Act, 1980, Wildlife Protection Act, 1972 and C.R.Z notification, 2011. PP submitted that No Forest Area/Protected Area within 10 km as per letter issued by DFO Neemuch vide letter No. 6914 dtd. 08.12.2011. PP also reported that there are no national parks, sanctuaries, Biosphere Reserves, Wildlife corridors, Ramsar Site Tiger/ Elephant Reserves are not included in the 10 km radius area.

10. The project proponent has reported that there are no Scheduled – I species in the 10 km study area of the buffer zone of the mine lease area.

11. The project proponent submitted that the baseline data for ambient air quality (PM<sub>10</sub>, PM<sub>2.5</sub>, SO<sub>2</sub> & NO<sub>2</sub>), water quality, noise level, soil and flora & fauna was generated for the period during Summer season, March 2018 to May 2018. PP submitted that the air quality monitoring has been carried out at 8 locations. The air quality concentrations of PM<sub>2.5</sub> and PM<sub>10</sub> for all the 8 AAQM stations were found between 16.2 to 36.1 µg/m<sup>3</sup> and 36.1 to 65.5 µg/m<sup>3</sup> respectively. The concentrations of NO<sub>x</sub> and SO<sub>2</sub> were found to be in range of 6.0 to 13.6 µg/m<sup>3</sup> and 6.0 to 11.3 µg/m<sup>3</sup> respectively. AAQ parameters in the study area have been found well within prescribed norms of NAAQS. Ambient noise levels were measured at eight locations around the mine lease area. The daytime (L<sub>day</sub>) noise levels at all the locations are observed to be in the range of 40.3 dB (A) to 48.4 dB (A). The night time (L<sub>night</sub>) noise levels at all the locations were observed to be in the range of 32.4 dB (A) to 39.6 dB (A). The daytime and night time noise levels in all the residential locations were observed to be within the permissible limits. PP further submitted that 4 ground water samples and 2 surface water samples were collected within the study area. PP submitted that the physico-chemical and biological analysis revealed that all the parameters are well within the prescribed limits of IS: 2296 and IS: 10400. The analysis results for soil shows that pH value ranges from 7.3 to 7.8. It means soil is slightly alkaline in nature and texture of soil is Silty clay. The concentration of Nitrogen & Phosphorus has been found to be in better and very less amount respectively whereas Potassium has been found to be ranging from 248.6 to 261.2 kg/ha in the soil samples.

12. The project proponent submitted that Public Hearing was conducted on 25.07.2019 at Gram Panchyat Bhawan, Village: Suwakheda, Tehsil: Jawad, District: Neemuch (M.P) and the advertisements were published in English daily Newspaper "Free Press" in English on 15.06.2019 & Dainik Nai duniya (Hind) on 15.06.2019. The proceedings of public hearing conducted by Regional Officer, MPPCB Ujjain, under the chairmanship of Additional Collector Neemuch. Total 163 no.s of people attended the public consultation and 19 nos. written representations were received during meeting. PP submitted that the people welcomed the expansion of the mine,

as the more employment will be generated and also people demanded for drinking water and village roads.

13. The project proponent submitted that under the CSR initiatives will provide seeding money for infrastructural projects like construction of Road, School building, Community hall, primary health centres, public water ponds and others depending on the need of the village. PP submitted that till date the expenditure spent for public welfare as capital cost Rs. 1320000/- and recurring cost is Rs. 975000/-

14. The project proponent submitted that there is no Rehabilitation and Resettlement (R&R) involved in the project as there is no displacement of people is proposed.

15. The project proponent submitted that the capital cost of EMP is Rs 4.77 Lakh and recurring cost is Rs 8.96 lakh.

16. The project proponent submitted that Flag stone does not contain any toxic elements. The production of flagstone shall be done by mechanized way of mining and waste material handling shall be also done by mechanized way, hence there shall be minimum impact on air and noise qualities. Therefore; the possibilities of any health hazards are minimal. The little impact on occupation health due to noise as the ambient air noise level will increase. The Noise Induced Hearing Loss (NIHL) and Occupational Lung Disease (OLD) due to air borne dust is anticipated to be negligible as the latest techniques of mining activities shall be adopted by the management of the mine. PP earmarked Occupational health check up in a year for 200 workers as Rs 40,000.

17. The project proponent submitted the Renewal of Consent obtained from M.P. Pollution Control Board for a production of 11,700 MT/year vide Consent No: AW-51729 dated 25.06.2020 and the consent is valid up to 30.06.2021. PP also submitted the certified EC compliance report vide F.No: 3-31/ 2014 (ENV)/1262 dated 27.03.2018.

18. The project proponent submitted an undertaking by the way of an affidavit in a non-judicial stamp paper bearing AL 307236 to comply with all the statutory requirement and common cause judgment dated 02.08.2017. Consultant submitted an undertaking that the consultant organization shall be fully accountable for any mis-leading information mentioned in this statement. PP also give an undertaking that the data and information given in the application and enclosures for environmental clearance for expansion in capacity for the said mine are true to the best of my knowledge and belief without concealing any fact and I am aware that if any part of data and information submitted is found to be false or misleading at any stage the project will be rejected and clearance given, if any to the project will be revoked at our risk and cost.”



19. The project proponent submitted the Past production details for the period 1998-2020 and is observed that the after grant of last EC (22.08.2014) the production is well within the limits of EC capacity.

20. Project Proponent submitted that the total project is Rs.55.34 Lakhs and the total employment will be 201 persons, of which existing is 38 persons and the proposed is 163 persons.

21. Based on the discussion held and document submitted the Committee **deferred** the proposal and sought the following information:

- i. PP needs to submit the District Survey report of Neemuch in pursuant to MoEFCC Notification dated 25.07.2018.
- ii. PP needs to properly address the issues raised during public hearing with action plan and submit the details of the people present other than the Samiti during public hearing.
- iii. PP needs to submit the method of mining and if it is a rat hole mining, precautionary measures to be taken to prevent the accidents.
- iv. The project proponent needs to submit the undertaking to complete the plantation in proportionate to expansion.
- v. PP needs to submit the present and proposed employment potential after expansion.
- vi. CER cost to be revised as per the concerns of the public raised during public hearing.
- vii. The project proponent shall submit the list of schedule-1 species duly authenticated by concerned department.
- viii. PP needs to submit the Annexure III as per the agenda
- ix. Project proponent should submit an undertaking by way of affidavit as required as per Ministry's O.M No 3-50/2017 -IA. II(M) dated 30.05.2018 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.

**1.4: Expansion in production capacity of M/s. JK Lakshmi Cement Ltd., Captive Limestone Mines (Mine Lease I of area 267.695) from 4.8 MTPA to 8 MTPA from both mine leases ML-1, with existing crusher and with additional**

**crushing capacity of 1500 TPH at Villages-Semariya, Ghikuria & Nandini Khundini, Tehsil – Dhamdha, District – Durg Chhattisgarh. [Proposal no: IA/CG/MIN/163807/2020; File No. J- 11015/72/ 2020-IA-II(M)] – Terms of Reference**

The Proposal of M/s. JK Lakshmi Cement Ltd is for grant of Term of Reference for Expansion in production capacity of Captive Limestone Mines (Mine Lease I of area 267.695) from 4.8 MTPA to 8 MTPA from both mine leases ML-1 with existing crusher and with additional crushing capacity of 1500 TPH at Villages-Semariya, Ghikuria & Nandini Khundini, Tehsil – Dhamdha, District – Durg, State - Chhattisgarh. The mine lease area is located between Latitude: 21°24' 15.067" N to 21°25' 26.77" N and Longitude 81°23' 40.49" E to 81°24' 57.756" E and within survey of India Toposheet No. 64 G/7.

2. As per EIA Notification dated 14th September, 2006 as amended from time to time, the project falls under Category A or Activity 1(a) Mining of Minerals as the mining lease area is greater than 100 ha.

3. The project proponent submitted that the initial Environment Clearance was obtained by M/s. JK Lakshmi Cement Ltd vide MoEF&CC letter no J-11011/1170/2007-IA.II (I) dated 13.05.2009 for Integrated Cement Plant (Clinker, 3.0 MTPA, Cement 10.0 MTPA), Limestone mine (4.8 MTPA, 267.695 Ha and 281.339 Ha) and Captive Power Plant (40 MW) at Village Semaria, Ghikuria and Nandani Kundani, Tehsil Dhamda, District Durg, Chhattisgarh and further subsequent amendments were made as follows:

<b>Chronology of Amendment in EC</b>		
<b>S. No</b>	<b>Particulars</b>	<b>Date</b>
1	Initial Grant of EC	13.05.2009
2	Incorporation of villages	27.02.2010
3	Change of mode of Limestone transportation	23.07.2015
4	Extension of EC validity	04.09.2015
5	Opening of II pit in MLA	07.06.2017
6	Reduction in Mining Lease area and interception of Ground Water Table	20.07.2018
7	Change in Configuration of Clinker production	14.11.2018

The project proponent now applied vide Proposal no: IA/CG/MIN/163807/2020 dated 16.07.2020 for prescribing Term of Reference (ToR) and submitted Form-1 and Pre-feasibility report. Thereafter, Ministry examined the proposal and raised EDS on 17.07.2020 and the PP submitted the information on 12.12.2020. The proposal was now considered in the 25<sup>th</sup> EAC meeting held during 22<sup>nd</sup> - 24<sup>th</sup> December, 2020.

4. The project proponent submitted that captive mine of JK Lakshmi Cement Ltd. Plant situated at about 5 km in village- Malpuri-Khurd & Khasadih, Distt- Durg, Chhattisgarh. ML-I has two blocks and are surrounded all round by ML-II, having 9 blocks. The mining lease area was initially granted in favour of M/s. Straw Products Ltd. by State Government vide order Dated 17.11.1993. The name of Company changed from Straw Products Ltd to JK Corp. Ltd. on 17.6.1994 and hence the lease deed was executed in the name of M/s. JK Corp Ltd on 19.7.1994 for the period of 20 years up to 18.07.2014. The Mining lease was further renewed for 20-year period. The renewal deed was executed on 04.03.2015 for 20 years period from 19.07.2014 to 18.07.2034. In compliance of the Provisions of Section 8A(3) & 8A(5) of the Mines and Minerals (Development and Regulation) Amendment Act, 2015, the ML area is deemed extended for 50 years period. Accordingly, the supplementary agreement has been obtained for extended lease period of 50 years up to 18.07.2044.

5. The project proponent submitted that no forest land is involved in the mine lease area. The total mining lease area is 267.695 Ha which is spread in villages Semariya, Ghikuria and Nandani Khundini. Out of the total mining lease 216.133 ha is own land 41.1 ha belongs to government land (Waste land) and 10.462 ha barren area belongs to others and as on date the company posses 216.133 ha. PP also submitted that the nearest water bodies from the mine site are Seonath River (2.2 km, NW), Lor Nala (7.4 km, SE), Churi Nala – (7.6 km, NE), Girhola Minor (2.2 km, ESE), Semariya Minor (2.3 km, ENE), Ghikuriya Minor (Adjacent SE), Sahgaon Minor (2.4 km, WSW), Seasonal Drainage (Adjacent & within mine E) and Kokri Minor (2.0 km, NW). PP further submitted that there is no reserve forest, protected forest, wild life sanctuaries, national parks, elephant/tiger reserves within 10 km of the mine lease area.

6. The project proponent submitted that the Approval of Review of Mining Plan along with the Progressive Mine Closure Plan approved by IBM vide Lr. Durg/-Chup/Khanya-1183/2018-Raipur/1315 dated 09.01.2019 for the plan period 2019-20 to 2023-24.

The project proponent also submitted that at present Limestone Mining from ML-1 is being operated at 3.2 MTPA with production bifurcation of ML-1 being 4.5 MTPA and proposed additional capacity expansion is 2.15 MTPA i.e. from 4.5 MTPA to 6.65 MTPA for which top soil of 0.02926 million TPA, Overburden of 0.10374 million TPA, Interburden of 0.532 million TPA all of which forms a total excavation of ROM 7.315 million TPA, along with existing crusher of 1000 TPH which is a common crusher for both mines (ML-I & ML-II) and new crusher of 1500 TPH is proposed to be installed to meet the requirement at Village Samariya, Ghikuria and Nandini-Khundini, TehsilDhamdha, District-Durg, Chhattisgarh. Both the lease areas ML-1 and ML-2 constituting Limestone Mines are contiguous, such that ML-I is surrounded all round by ML-II. Mine lease area ML- 1 (267.695 ha.), has two Blocks. The two leases are operated differently.

The project proponent submitted that the method of mining will be fully mechanized opencast mining method. The Total estimated geological reserves as on date are about for ML-I of 267.695 ha is 155.248 Million tones. The mineable reserves of limestone is 128.7 million tonnes and proposed production rate is about 3.68 million TPA in first year of plan period and then 6.65 million tonnes per annum from second year in the plan period, and then tentative successive production would be 6.65 million TPA thus the life of the mine will be 19.8 years or say 20 years. Exploitation of limestone will be by conventional method of drilling and blasting technique. Drilling will be carried out by deploying 110 mm and 150 mm dia drill. Loading of limestone and overburden will be done by hydraulic Excavators. The excavated material will be transported to the crusher/ dump yard by dumpers. All the haul roads, either main approach road or the feeder roads will have a minimum width of 12 m. Captive limestone mines do not produce any solid waste in particular. The top soil being scrapped is carefully stacked temporarily and is being used for plantation/ re-vegetation purpose. Overburden generated during the mining period shall be dumped at designated non mineralized area. Shale and other fractions having CaO-34% shall be stacked separately as sub-grade material.

The project proponent submitted that Presently Crushing is being done using primary crusher of 1000 t/h but in future as per requirement another 1500 t/h capacity crusher will be installed. The maximum input size of the boulder is 1 m. while the output size is 70 mm. All the crushed material will be directly dispatched to the plant by roadways through covered dumpers/trippers till the commissioning of pipe conveyor from mines to plant. The crushed limestone from crusher is loaded and transportation of crushed materials is being done using covered dumpers, This is temporary in nature till the closed belt conveyor gets commissioned and the construction work of pipe conveyor is in progress over a length of about 5.5 Km. The pipe conveyor belts overall work progress on the pipe conveyor has been slow due to several land acquisition issues with Bhilai steel plant (PSU) which is likely to be positively resolved in near future, en-route the pipe conveyor.

7. The project proponent submitted that the total water requirement (including ML-I & ML-II) is 415 KLD out of which existing water requirement is 200 KLD whereas proposed water requirement will be 215 KLD for both mine lease areas. Water is being required for various mining activities including drinking. This water obtained from the shivnath anicut Dam/RWH pit/ boreholes. Ground water is only being used for Domestic purpose and for Mining operations water is being sourced through Shivnath river. PP also submitted the renewal of NOC for ground water withdrawal to abstract 320m<sup>3</sup>/day of ground water through (7) existing bore wells only and 1860 m<sup>3</sup>/day through dewatering of mine seepage from five (5) existing mine pits on account of mining intersecting the ground water abstraction vide Lr. No.1-4(34)/NCCR/CGWA/2012-76 dated 30.01.2020 and is valid from 26.09.2019 till five years.

8. The project proponent submitted that there is no human settlement within mine lease area and it is an existing operational mine, no rehabilitation and resettlement is involved.

9. The project proponent submitted that CTE obtained for Limestone mining capacity of 4.8 million TPA (2.4 million TPA in Phase -I and 2.4 million TPA in Phase II) was obtained vide letter number 1335/TS/CECB/2011 dated 04.06.2011. PP also submitted that CTO for Limestone mine lease area (267.695 ha) for 2.4 million TPA in Phase-I was issued vide letter no. 1541/TS/CECB/2012 Raipur, dated 21.06.2012 and vide letter no. 1541/TS/CECB/2012 Raipur, dated: 21.06.2012 and subsequently renewed on dated: 06.06.2014, 16.11.2015, 15.12.2016 and 30.06.2017 which was valid up to 31.05.2019. CTO under water act (1974) and Air act (1981) for 3.2 million TPA Limestone production has been obtained vide letter number 401/TS/CECB/2019 dated 26.04.2019 valid till 30.05.2020. CTO under water act (1974) and Air act (1981) for 3.2 million TPA, Limestone production has been obtained vide File number 395/TS/CECB/2020 dated 11.05.2020 valid from 01.05.2020 to 30.04.2022. PP also submitted the certified EC compliance report vide EC-260/RON/2016-NGP/5731 dated 18.09.2019.

10. The project proponent reported that there is no Court Cases pending against the project and/or land in which the project is proposed to be set up.

11. The project proponent submitted the Affidavit as per the Ministry's OM dated 30.05.2018 in a non-judicial stamp paper vide N 218405 dated 19.11.2020. PP also submitted the past production details duly authenticated by Department of Mining and Geology letter dated 02.09.2020 for ML – I and ML-2 was observed to be well within the limits of EC capacity.

12. The project proponent submitted that the estimated total capital cost of the project will be Rs. 45 crores. PP reported that 22 persons are engaged in ML-I.

13. The proposal was considered in the 25<sup>th</sup> EAC meeting held during 22-24<sup>th</sup> December, 2020. Based on the documents submitted and presentation made by the project proponent and the Consultant, the Committee **recommended** the proposal for grant of Terms of Reference for expansion in production capacity of M/s. JK Lakshmi Cement Ltd., Captive Limestone Mines (Mine Lease I of area 267.695) from 4.5 MTPA to 6.65 MTPA from ine lease ML-1 with existing crusher and with additional crushing capacity of 1500 TPH at Villages-Semariya, Ghikuria & Nandini Khundini, Tehsil – Dhamdha, District – Durg Chhattisgarh subject to the following specific conditions in addition to the standard ToR conditions:

- i. PP needs to complete the conveyor by joining 372m.
  - a. either by acquiring the land or by taking a right from BSP
  - b. In the event this is not possible within 1 year, explore the possibility of creating a stockyard of limited inventory to functioning the plant and transport the material to reduce the transportation distance.

- ii. The current practice of transportation by road and the additional impacts due to expansion on the road transportation to be studied and incorporated in the EIA report.
- iii. The committee intense to convey that road transportation to be stopped before the 2<sup>nd</sup> line starts functioning as the plant and should not continue beyond the date of grant of EC. All this scenario to be studied by PP and included in the EIA report.
- iv. Total excavation has to be properly addressed in the EIA report.
- v. PP needs to carry out a cumulative impact for ML-I, ML-II and the plant.
- vi. Plantation along the conveyor belt to be completed.
- vii. PP needs to submit the CTE/CTO from the inception of the mine.

**1.5: Limestone Mine (Area: 471.03 Ha) with Limestone Production Capacity 7.72 MTPA (Limestone) and waste /topsoil 5.0 Lakhs CuM per annum (Maximum)) with existing three nos of Crushers with capacity of 850 TPH, 1000 TPH and 1200 TPH at Villages Ingalggi & Ravor, Taluka Chittapur, District Kalaburagi, Karnataka [Proposal no: IA/KA/MIN/81088/2018; File No. J110105/153/2018-IA.II(M)]- Revalidation of EC under EIA Notification 2006 as per MoEF&CC Notification SO 1530 (E) dated 6th April 2018-TOR reg.**

The proposal of M/s ACC Limited for Revalidation of EC under EIA Notification 2006 as per MoEF&CC Notification SO 1530 (E) dated 6th April 2018 for existing Limestone Mine (Area: 471.03 Ha) with Limestone Production Capacity 7.72 MTPA (Limestone) and waste / topsoil 5.0 Lakhs CuM per annum (Maximum)) with existing three nos of Crushers with capacity of 850 TPH, 1000 TPH and 1200 TPH at Villages Ingalggi & Ravor, Taluka Chittapur, District Kalaburagi, Karnataka. The applied area forms a part of Survey of India toposheet no. 56C/16 Core Zone & - 56C/16 56-G/4, 56-H/1 and 56-D/13-Buffer Zone. The lease is located at following latitude and longitudes: Latitude: 17<sup>o</sup> 03' 25.95718" N to 17<sup>o</sup> 04' 54.27953" N, Longitude: 76<sup>o</sup> 57' 36.56397" E to 76<sup>o</sup> 59' 31.53570" E, seismic zone-III.

2. As per EIA Notification dated 14<sup>th</sup> September, 2006 as amended from time to time, the project falls under Category "A", Project or Activity 1(a) as the mining lease area is more than 100 ha.

3. The project proponent submitted that earlier environment clearance was granted by MoEF&CC for limestone production capacity 7.72 million TPA Vide letter dated No. J-11015/7/2000-IA.II (M) dated 07.09.2000. PP applied vide online proposal no. IA/KA/MIN/81088/2018 for revalidation of EC under EIA Notification

2006 as per MoEF&CC Notification SO 1530 (E) dated 6th April 2018 for existing Limestone Mine (Area: 471.03 Ha) with Limestone Production Capacity 7.72 MTPA (Limestone) and waste / topsoil 5.0 Lakhs CuM per annum (Maximum)) with existing three nos of Crushers with capacity of 850 TPH, 1000 TPH and 1200 TPH at Villages Ingaldi & Ravoor, Taluka Chittapur, District Kalaburagi, Karnataka and submitted Form 1, Pre-feasibility Report as per EIA Notification dated 14th September, 2006 and the proposal was considered in the EAC meeting held during November 15-16, 2018 wherein the Committee deferred the proposal for want of following information:

- I. Information as per Annexure-III of agenda.
  - II. Past production details of the mine from the inception of the mine till date duly authenticated by the State Mines and Geology Department.
  - III. PP should submit an undertaking by way of affidavit as required as per Ministry's O.M No 3-50/2017 -IA. II(M) dated 30.05.2018 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.
  - IV. Valid executed copy of mining lease valid up to 18.02.2023.
4. PP vide letter no. ACC/WADI/EC/20120101 dated 01.12.2020 submitted the following point wise reply:

**Point I: Information as per Annexure-III of agenda.**

**Reply:** The project proponent has submitted the details as per the Annexure-III of agenda. PP submitted that the mining lease was originally granted by State Govt on 19.02.1963 for a period of 20 years for limestone. First Renewal was granted on 02nd Dec 1982 for 20 Years w.e.f. 19.02.1983 (ML No.1853) for Limestone & Clay. Second renewal of Mining lease deed (ML No. 2641) was executed on 28.06.2010 vide letter DMG: MLS: 31AML 2002/ RML1949:10-11/5094 in favor of M/s ACC Limited for a period of 20 years w.e.f. 19.02.2003 and is valid up to 18.02.2023.

The project proponent has submitted that CTE was obtained vide KSPCB/ACC/CFE/D E O-6/99- 2000/9051 Dated 17.02. 2000. PP has submitted that the details of CTO from 1993-94 to 2003-04 is not available. The project proponent has submitted that CTO for the capacity 7.72 MTPA from 2004-05 to 2014-15 was obtained time to time. The project proponent has submitted that the Air & Water Consent Order was obtained from 2015-16 to 2019-20.

**Point II: Past Production details of the mine from the inception of the mine till date duly authenticated by the State Mines and Geology Department.**

**Reply:** The project proponent has submitted Past production details authenticated by Deputy Director, Mines & Geology Dept. Kalaburgi vide letter no DMG/DD/ML No 2641/2020-21/2652 dated 18.09.2020.

**Point III: PP should submit an undertaking by way of affidavit as required as per Ministry's O.M No 3- 50/2017-IA.II (M) dated 30.05.2018 to comply with all the statutory requirements and judgement of Hon'ble Supreme Court dated the 2nd August 2017 in Writ Petition (Civil) No. 114 of 2014 in the matter of Common Cause versus Union of India and Ors.**

**Reply:** The project proponent has submitted an undertaking in an India Non judicial stamp wherein it has mentioned that:

- I. "We commit to comply if applicable with the order of Hon'ble Supreme Court dated 02.08.2017 in in Writ Petition (Civil) No. 114 of 2014 in the matter of Common Cause versus Union of India and Ors*
- II. That we further commit to comply order of any other court, Central/State Government authorities if becomes applicable in future*
- III. That we commit not to do any violation any time in future."*

**Point IV: Valid executed copy of mining lease valid up to 18.02.2023.**

**Reply:** The project proponent has submitted that the mining lease was originally granted by State Govt (ML No. 1963) on 19.02.1963 for a period of 20 years for limestone. In which First Renewal was granted on 02nd Dec 1982 for 20 Years w.e.f. 19.02.1983 (ML No.1853) for Limestone & Clay. Second renewal of Mining lease deed (ML No. 2641) was executed on 28.06.2010 vide letter DMG: MLS: 31AML 2002/ RML1949:10-11/5094 in favour of M/s ACC Limited for a period of 20 years w.e.f. 19.02.2003 and is valid up to 18.02.2023, PP has submitted the copy of the same.

5. Initially EC vide letter no J-11015/7/2000-IA.II(M) dated 7.09.2000 was granted for production of Limestone capacity from 2.44 MTPA to 7.72 MTPA. However, the PP mined out both Limestone and shale from 1993 to 2018. Therefore, the production shale was amounts to be additional production over the EC granted to the project proponent. Therefore, the committee is of the view that this will amounts to be violation of EIA Notification, 2006 and subsequent amendments.

6. The proposal was considered in the 25<sup>th</sup> EAC meeting held during 22-24<sup>th</sup> December, 2020. Based on the documents submitted and presentation made by the project proponent and the Consultant, the Committee noted that the proposal attracts the violation and with this background EAC decided to appraise the proposal and after detailed deliberations the committee **recommended** the proposal for grant of standards Terms of Reference under Notification S.O. 1530(E) dated 6<sup>th</sup> April 2018 and additional TOR in view of the violation for undertaking detailed EIA/EMP study



for limestone production capacity of 7.72 MTPA (Limestone) and waste/topsoil 5.0 Lakhs CuM per annum (Maximum)) with existing three nos of Crushers with capacity of 850 TPH, 1000 TPH and 1200 TPH at Villages Ingalgi & Ravoor, Taluka Chittapur, District Kalaburagi, Karnataka grant of ToR under MoEF&CC Notification S.O.1530 (E) Dated 6<sup>th</sup> April 2018 along with following specific conditions:

- i. 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.
- ii. 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.
- iii. 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.
- iv. The remediation plan and the natural and community resource augmentation plan to be prepared as an independent chapter in the EIA report by the accredited consultants.
- v. PP needs to carry out the Public Hearing as the proposal attracts the violation and the PH cannot be exempted.
- vi. PP should submit the note on the improvement in the EMP during last six months.
- vii. PP should provide in the EIA Report details of all the statutory clearances, permissions, no objection certificates, consents etc. required for this project under various Acts, Rules and regulations and their status or estimated timeline after grant of EC.

**1.6: Jalwa Quartz, Quartzite (Silica Stone) Stone Mine with production capacity 502968 TPA of M/S Idio Construction & Industries (India) Ltd. over an extent of 19.80 Ha at Village Bishunpur, P.S- Piri Bazar, District Lakhisarai (Bihar) -**

**[Proposal No. IA/BR/MIN/177645/ 2020; File No. J-11015/74/2020-IA-II(M)] – Consideration of ToR**

The Proposal of M/s. Idio Construction & Industries (India) Ltd. is for grant of Term of Reference for Jalwa Quartz, Quartzite (Silica Stone) Stone Mine with proposed production capacity of 502968 TPA, located at Mauza Bishanpur, Plot Nos. 2604, 2625 & 2626, Kajra, Dist.: Lakhisarai (Bihar) over an extent of 19.80 Ha. area. The mine is located between Latitude 25°12'11.8" N & 25°12'23.8" N and Longitude 86°16'33.3" E & 86°17'07.9" E and within survey of India Toposheet No. 72-K/8 & 72-K/4.

2. As per EIA Notification dated 14th Sept, 2006 and its subsequent amendments, the project falls under Schedule 1(a) of mining of minerals and is a Category- "A" as it is located at a distance of 3 km from Bhimbandh Wildlife Sanctuary (As per the General conditions EIA Notification 2006).

3. The project proponent applied for TOR vide proposal no IA/BR/MIN27539/2015 on 8/05/2015. The proposal was considered for TOR in 35th EAC meeting held between June 24-26, 2015 wherein the Committee observed that ***"this is a violation case as mine operated from 2001 to 2008 and 2011 to 2015 without obtaining prior environmental Clearance. The MoEF&CC may take actions on violations as per OM dated 12.12.2012 and 27.06.2013. Based on the information furnished and presentation made by the project proponent and discussions held, the Committee prescribed the TORs"***.

PP has now again applied vide Proposal no: IA/BR/MIN/177645/2020 dated 06.10.2020 for prescribing Term of Reference (ToR) and submitted Form-1 and Pre-feasibility report. The ministry examined the proposal, and sought the EDS on 12.11.2020 to submit "As per details given in the Brief in form-I of the project is under violation. Please provide the status of the application submitted to the Ministry under the provisions of the notification S.O804(E) dated 14.03.2017. If the application has been submitted under the said notification please coordinate with the concern sector (Violation sector) in the Impact Assessment division in the Ministry" and PP replied for EDS on 05.12.2020. The proposal was considered in 25<sup>th</sup> EAC meeting held during 22<sup>nd</sup>-24<sup>th</sup> December, 2020.

4. The project proponent has submitted that the mine lease was granted in favour of M/S Idio Construction & Industries (India) Limited, by the State Government of Bihar and the lease deed was executed on 23.08.2001 for a period of 30 years up to 22.08.2031.

5. The project proponent submitted that the total mining lease area is 19.80 Ha and no forest Land is involved in the lease area. PP reported that there is no Eco sensitive area such as forest, national parks, biosphere reserve and wildlife corridors

etc. located within 10km radius. The Bhimbandh Wildlife Sanctuary is located at a distance of 3.0 km towards South direction.

6. The project proponent has submitted that Initial Mining Plan of Jalwa Quartz-Quartzite (Silica Stone) Mine was approved by Indian Bureau of Mines vide letter No. RAN/LKS/QRTZ-QZT/MP-135(14)/00-01 Dt: 19.04.2001. The scheme of mining plan including progressive mine closure plan for the proposed plan period 2019-20 To 2023-24 was approved by the department of Mines and Geology, Govt. of Bihar, vide letter no. 2497 dated 28.08.2020.

The project proponent submitted that the total Proved Mineral Reserve is 3368550 tonnes. Proposed work will be carried out in two quarries systematically in the two-hill starting from the western side & extended towards eastern side with systematically benching system. Each quarry will be worked to its complete strike length and full depth. The quarries would continue to be worked by mechanized (OTFM) method. The drilling and blasting shall be carried out by deep hole blasting. Mine is operated by opencast mechanized method by using drilling and blasting. The mining will be done by forming of 6.0 m. height benches with the help of shovel dumper combination. When the height of benches reaches 6 m. in mineral the next bench of mineral will be started.

7. The project proponent submitted that vide order dated 03rd June 2015, National Green Tribunal, Principal Bench, New Delhi, disposed of the application No. 42 of 2015 (EZ) (M.A. No. 131/2015(EZ)) submitted by IDIO with a direction to MoEFCC to consider the application for Environmental Clearance filed by the IDIO and pass appropriate order in accordance with law.

8. The proposal was considered in the 25<sup>th</sup> EAC meeting held during 22-24<sup>th</sup> December, 2020. Based on the documents submitted and presentation made by the project proponent and the Consultant, the Committee noted that the application shall be treated as fresh de novo application as per the Hon'ble NGT order and the Committee **deffered** the proposal for want of the following information:

- i. PP needs to properly describe the methodology of mining
- ii. PP needs to submit the District Survey report of Lakhisarai in pursuant to MoEFCC Notification dated 25.07.2018.
- iii. PP needs to submit the risk assessment for storing and handling of explosives in the mine PP needs to submit the NBWL clearance as Bhimbandh Wildlife Sanctuary is located at a distance of 3.0 km towards Southern direction.
- iv. The PP shall submit the conservation plan duly approved by Principle Chief Conservator of Forest (PCCF).

- v. PP needs to submit the land use break up.

**DAY-2 (23.12.2020)**

**2.1: Proposed Limestone Mining with Production Capacity of 1.0 MTPA by M/s Cement Corporation of India Limited in Karigatta Limestone Area of 68.91 Hectares Near Village Madkal & Sedam, Sedam Taluka, Kalburagi District, Karnataka [Proposal no: IA/KA/MIN/ 77548/2018; File No. J- 110105/113/2018-IA.II (M)] - Consideration of Environmental Clearance**

The proposal of M/s Cement Corporation of India Limited is for Limestone Mining with Production Capacity of 1.0 MTPA located in Karigatta Limestone Area of 68.91 Hectares Near Village Madkal & Sedam, Sedam Taluka, Kalburagi District, Karnataka. The mine lease area falls in the Survey of India G.T Sheet No. 56 G/04 & 56 G/08 with latitude 17° 08' 57.01" N to 17° 09' 23.05" N & longitude 77° 19' 49.52" E to 77° 20' 54.08" E

2. As per EIA Notification dated 14th September, 2006 as amended from time to time, the project falls under Category "A", Project or Activity 1(a) as the proposed project lies within the interstate boundary of Telangana and Karnataka, which is about 2.2 km towards east direction from the mine site.

3. The project proponent submitted that proposal for granting Terms of Reference for Karigatta Limestone with Production Capacity of 1.0 MTPA by M/s Cement Corporation of India Limited in the mine lease area of 68.91 Hectares Near Village Madkal & Sedam, Sedam Taluka, Kalburagi District, Karnataka was applied vide proposal no IA/KA/MIN/77548/2018 and the Ministry accorded the same vide letter no. J-11015/113/2018-IA.II (M) dated 29<sup>th</sup> August, 2019 for undertaking EIA study in accordance with the provisions of Environmental Impact Assessment Notification.

The project proponent submitted that Draft EIA/EMP report was submitted to KSPCB and public hearing / consultation process held on 09.09.2020 and the final EIA/EMP report was prepared incorporating the public hearing proceedings and the proposal for grant of EC was submitted vide IA/KA/MIN/77548/2018 Dated 09.12.2020.

4. The proposal was considered in the 25<sup>th</sup> EAC meeting held during 22-24<sup>th</sup> December, 2020. The Committee noted that the project proponent informed the Committee that the mining operation stopped since 1998 and the mining plan is valid only till 31.03.2021. The Committee also observed that the mine was operating from 1991 till 1998 without prior EC and hence the committee informed the Ministry to examine whether this proposal attracts violation clause. The committee noted that

the EIA/EMP was not in adequate. After detailed deliberations made by the project proponent and the Consultant the committee **deferred** the proposal and the proposal will be considered after the submission of the following information by the PP.

- i. The total excavation (minerals, waste, top soil) to be excavated and the management of topsoil and waste needs to be properly addressed. The mineable reserves, blocked reserves need to be mentioned along with life of mine. PP needs to bring out the waste to be generated during the entire life of mine and where it will be dumped/backfilled.
- ii. The PP should provide the source of equations used and complete calculations for computing the emission rate from the various sources. The Ground level concentration of various pollutants in worst case and control case scenario needs to be submitted in the revised EIA/EMP Report.
- iii. PP should clearly show the transport route of the mineral and protection and mitigative measure to be adopted while transportation of the mineral. The impact from the center line of the road on either side should be clearly brought out supported with the line source modelling and isopleth. PP should also submit the mitigation measures be delineated with capital and recurring cost in revised EIA/ EMP report.
- iv. The committee observed that in 68.91 ha lease area, only 0.25 hectare was allocated for plantation. It was suggested that plantation plan in peripheral area covering around 5 Ha with 1200 plants per Ha be included in Revised EMP. The proposed budget which was meager 2.5 lakh with a cost of 750 per plant as submitted by PP to be revised for plantation of 6 ft tall seedlings at a capital and maintenance to Rs. 75 lakh and detailed action plan be submitted by PP. To cover plantation in safety zone and non mineralized zone, EMP should include action plan to cover this plantation in one year from the date of EC. Recurring budget for maintenance shall also be included in monitoring plan for plantation.
- v. PP needs to submit the details of Impact of noise and ground vibration on neighbour area and the spatial extent. Proper mitigation measures to minimize the impact to be included in EIA report based on modeling data.
- vi. PP needs to submit the impact of storage of rain water on ground water quality and rise in table to be assessed and measures to minimize any potential impacts be included in revised EMP.
- vii. The project proponent should submit a note detailing measures adopted for storage and use of explosives in mining operations.

- viii. The Approved mining plan is valid only till 31.03.2021. PP needs to submit approved mining plan for the next course of time.
- ix. PP to submit a detailed note on R & R plan prepared by it when land was acquired and have all project affected people have been satisfactorily rehabilitated.
- x. PP should should consider cost of Land (68.91 ha) plus expenditure incurred on prospecting in early phase in the capital cost and calculate the cost of CER as applicable to brown field project. CER cost, so calculated, will be utilized for EMP in buffer zone to facilitate welfare of people in the area of Health, Education, Drinking water, Network creation and plantation. Component wise break of CER cost to be spent in three years to be prepared and needs to be submitted.
- xi. PP should submit the Action wise EMP cost break up and monitoring cost to be provided in Tabular format.
- xii. PP should submit the detailed time bound plan and the budget earmarked for occupational health & safety.
- xiii. PP should clarify the exact distance of the interstate boundary of Telangana and Karnataka from the periphery of the lease boundary and submit a map indicating the distance of the interstate boundary.
- xiv. The PP should clearly bring out the details of the manpower to be engaged for this project with their roles/responsibilities/ designations.
- xv. All the certificates viz. Involvement of Forest land, distance from protected area, list of flora & fauna should be duly authenticated by Chief Wildlife Warden & Forest Department needs to be submitted by PP. The Certificate should bear the name, designation, official seal of the person signing the certificate and dispatch number.
- xvi. PP needs to submit the annexure III alongwith supporting documents for examination of the proposal in light of Common Cause order dated 02.08.2017 and S. O. 804 (E) dated 14.03.2017.

**2.2: Proposed Limestone Mining in Karigatta Limestone Area of 52.81 Hectares with Production Capacity of 1.0 MTPA by M/s Cement Corporation of India Limited in Near Village Injepalli & Sedam, Taluka Sedam, District Kalburagi,**

**Karnataka [Proposal no: IA/KA/MIN/ 77258/2018; File No. J-110105/114/2018-IA. II (M)] - Consideration of Environmental Clearance**

The proposal of M/s Cement Corporation of India Limited for Limestone Mining with Production Capacity of 1.0 MTPA located in Karigatta Limestone Area of 52.81 Hectares Near Village Injepalli & Sedam, Sedam Taluka, Kalburagi District, Karnataka. The mine lease area falls in the Survey of India G.T Sheet No. 56 G/04 & 56 G/08 with latitude 17° 8' 39" N to 17° 9'15"N & longitude 77° 19' 54" E to 77° 19' 21'00" E.

2. As per EIA Notification dated 14th September, 2006 as amended from time to time, the project falls under Category "A", Project or Activity 1(a) as the proposed project lies within the interstate boundary of Telangana and Karnataka, which is about 3.65 km towards east direction from the mine site.

3. The project proponent submitted that proposal for granting Terms of Reference for Karigatta Limestone with Production Capacity of 1.0 MTPA by M/s Cement Corporation of India Limited in the mine lease area of 52.81 Hectares Near Village Injepalli & Sedam, Sedam Taluka, Kalburagi District, Karnataka was applied vide proposal no IA/KA/MIN/77258/2018 and the Ministry accorded the same vide letter no. J-11015/114/2018-IA.II (M) dated 29<sup>th</sup> August, 2019 for undertaking EIA study in accordance with the provisions of Environmental Impact Assessment Notification dated 14-11-2006.

The project proponent submitted that Draft EIA/EMP report was submitted to KSPCB and public hearing / consultation process held on 10.09.2020 and the final EIA/EMP report was prepared incorporating the public hearing proceedings and the proposal for grant of EC was submitted vide IA/KA/MIN/77258/2018 Dated 09.12.2020.

4. The proposal was considered in the 25<sup>th</sup> EAC meeting held during 22-24<sup>th</sup> December, 2020. The Committee noted that the project proponent informed the Committee that the mining operation stopped since 1998 and the mining plan is valid only till 31.03.2021. The Committee also observed that the mine was operating from 1991 till 1998 without prior EC and hence the committee informed the Ministry to examine whether this proposal attracts violation clause. The committee noted that the EIA/EMP was not in adequate. After detailed deliberations made by the project proponent and the Consultant the committee **deferred** the proposal and the proposal will be considered after the submission of the following information by the PP.

- i. The total excavation (minerals, waste, top soil) to be excavated and the management of topsoil and waste needs to be properly addressed. The mineable reserves, blocked reserves need to be mentioned along with life of mine. PP needs to bring out the waste to be generated during the entire life of mine and where it will be dumped/backfilled.

- ii. The PP should provide the source of equations used and complete calculations for computing the emission rate from the various sources. The Ground level concentration of various pollutants in worst case and control case scenario needs to be submitted in the revised EIA/EMP Report.
- iii. PP should clearly show the transport route of the mineral and protection and mitigative measure to be adopted while transportation of the mineral. The impact from the center line of the road on either side should be clearly brought out supported with the line source modelling and isopleth. PP should also submit the mitigation measures be delineated with capital and recurring cost in revised EIA/ EMP report.
- iv. The committee observed that in 52.81 ha lease area, only 0.91 hectare was allocated for plantation. It was suggested that plantation plan in peripheral area covering around 5 Ha with 1200 plants per Ha be included in Revised EMP. The proposed budget which was meager 2.5 lakh with a cost of 750 per plant as submitted by PP to be revised for plantation of 6 ft tall seedlings at a capital and maintenance to Rs. 75 lakh and detailed action plan be submitted by PP. To cover plantation in safety zone and non mineralized zone, EMP should include action plan to cover this plantation in one year from the date of EC. Recurring budget for maintenance shall also be included in monitoring plan for plantation.
- v. PP needs to submit the details of Impact of noise and ground vibration on neighbour area and the spatial extent. Proper mitigation measures to minimize the impact to be included in EIA report based on modeling data.
- vi. PP needs to submit the impact of storage of rain water on ground water quality and rise in table to be assessed and measures to minimize any potential impacts be included in revised EMP.
- vii. The project proponent should submit a note detailing measures adopted for storage and use of explosives in mining operations.
- viii. Action initiated by the project proponent as per the mine closure plan valid till 31<sup>st</sup> March to be submitted to the Ministry.
- ix. PP to submit a detailed note on R & R plan prepared by it when land was acquired and have all project affected people have been satisfactorily rehabilitated.
- x. PP should should consider cost of Land (52.81 ha) plus expenditure incurred on prospecting in early phase in the capital cost and calculate the cost of CER as applicable to brown field project. CER cost, so calculated,



will be utilized for EMP in buffer zone to facilitate welfare of people in the area of Health, Education, Drinking water, Network creation and plantation. Component wise break of CER cost to be spent in three years to be prepared and needs to be submitted.

- xi. PP should submit the Action wise EMP cost break up and monitoring cost to be provided in Tabular format.
- xii. PP should submit the detailed time bound plan and the budget earmarked for occupational health & safety.
- xiii. PP should clarify the exact distance of the interstate boundary of Telangana and Karnataka from the periphery of the lease boundary and submit a map indicating the distance of the interstate boundary.
- xiv. The PP should clearly bring out the details of the manpower to be engaged for this project with their roles/responsibilities/ designations.
- xv. All the certificates viz. Involvement of Forest land, distance from protected area, list of flora & fauna should be duly authenticated by Chief Wildlife Warden & Forest Department needs to be submitted by PP. The Certificate should bear the name, designation, official seal of the person signing the certificate and dispatch number.
- xvi. PP needs to submit the annexure III alongwith supporting documents for examination of the proposal in light of Common Cause order dated 02.08.2017 and S. O. 804 (E) dated 14.03.2017.

**2.3: Expansion of Limestone production capacity of M/s. JK Lakshmi Cement Ltd., Limestone mines (Mine Lease II of area 252.105 Ha.) production capacity from 0.3 million TPA to 1.35 million TPA, for which Top Soil: 0.0243 million TPA Overburden: 0.0972 million TPA, Inter burden: 0.0945 million TPA, Total Excavation (ROM): 1.566 million TPA At Villages- Semariya, Ghikuria & Nandini Khundini, Tehsil-Dhamdha, District- Durg (Chhattisgarh). [Proposal No. IA/CG/MIN/187744/2020; File No. J-11015/73/2020-IA-II(M)- Terms of Reference**

The Proposal of **M/s. JK Lakshmi Cement Ltd** is for grant of Term of Reference for expansion of limestone production capacity of Limestone mines (Mine Lease II of area 252.105 Ha.) production capacity from 0.3 million TPA to 1.35 million TPA, for which Top Soil: 0.0243 million TPA Overburden: 0.0972 million TPA, Inter burden: 0.0945 million TPA, Total Excavation (ROM): 1.566 million TPA at Villages- Semariya, Ghikuria & Nandini Khundini, Tehsil-

Dhamdha, District– Durg, State - Chhattisgarh. The mine lease area is located between Latitude: 21°24' 00.00" N to 21°25' 30.00" N and Longitude 81°23' 00.00" E to 81°24' 53.00" E and within survey of India Toposheet No. 64 G/7.

2. PP has submitted that the said proposal is covered under the ambit of EIA Notification, 2006 & its subsequent amendments and the project falls under Schedule 1(a) of mining of minerals and is a Category- "A" as the mining lease area is greater than 100 Ha.

3. The project proponent submitted that the initial Environment Clearance was obtained by M/s. JK Lakshmi Cement Ltd vide MoEF&CC letter no J-11011/1170/2007-IA.II (I) dated 13.05.2009 for Integrated Cement Plant (Clinker, 3.0 MTPA, Cement 10.0 MTPA), Limestone mine (4.8 MTPA, 267.695 Ha and 281.339 Ha) and Captive Power Plant (40 MW) at Village Semaria, Ghikuria and Nandani Kundani, Tehsil Dhamda, District Durg, Chhattisgarh and further subsequent amendments were made as follows:

<b>Chronology of Amendment in EC</b>		
<b>S. No</b>	<b>Particulars</b>	<b>Date</b>
1	Initial Grant of EC	13.05.2009
2	Incorporation of villages	27.02.2010
3	Change of mode of Limestone transportation	23.07.2015
4	Extension of EC validity	04.09.2015
5	Opening of II pit in MLA	07.06.2017
6	Reduction in Mining Lease area and interception of Ground Water Table	20.07.2018
7	Change in Configuration of Clinker production	14.11.2018

The project proponent now applied vide Proposal no: IA/CG/MIN/187744/2020 dated 12.12.2020 for prescribing Term of Reference (ToR) and submitted Form-1 and Pre-feasibility report. The proposal was now considered in the 25<sup>th</sup> EAC meeting held during 22<sup>nd</sup> - 24<sup>th</sup> December, 2020.

4. The project proponent submitted that captive mine of JK Lakshmi Cement Ltd. Plant situated at about 5 km in village- Malpuri-Khurd & Khasadih, Distt- Durg, Chhattisgarh. ML-I has two blocks and are surrounded all round by ML-II, having 9 blocks. Due to non-availability of some Govt. lands, i.e. nalas, village roads, grazing land, etc. and Private lands, the company has decided to revise the lease area from 281.339 Ha to 252.105 Ha. Accordingly, the lease area has been divided into 9 different Blocks. Thereafter, the District Collector's office has forwarded the application with recommended revised lease area of 252.105 Ha, accordingly, the State Govt. has issued a letter of Intent for preparation of Modification in approved Mining Plan considering the reduced lease area from 281.339 Ha to 252.105 Ha. Lease deed has been executed on 28.12.2016 for a period of 50 years, i.e., 28.12.2016 to 27.12.2066.

5. The project proponent submitted that no forest land is involved in the mine lease area. Out of the total mining lease 252.105 ha, own land is 103.583 ha, barren land is 145.738 ha and government waste land is 2.784 ha. PP also submitted that the nearest water bodies from the mine site are Seonath River (3.0 km, W), Lor Nala (7.9 km, SE), Churi Nala – (6.7 km, ENE), Girhola Minor (1.7 km, SSE), Semariya Minor (1.5 km, E), Ghikuriya Minor (1.0km, SW), Sahgaon Minor (4.5 km, SW), Seasonal Drainage (Adjacent, N) and Kokri Minor (1.5 km, N). PP further submitted that there is no reserve forest, protected forest, wild life sanctuaries, national parks, elephant/tiger reserves within 10 km of the mine lease area.

6. The project proponent submitted that the Modification in approved Mining Plan was submitted and duly approved by IBM Raipur Office, vide letter No. दरु/गचुप/खयो- 52/2016-रायपरु/403, dated 23.09.2016 for proposal period of 2016-17 to 2020-21.

The project proponent also submitted that at present Limestone Mining from ML-2 is being operated at 0.3 million TPA, this will be enhanced to 1.35 million TPA for which top soil of 0.0243 million TPA, Overburden of 0.0972 million TPA, Interburden of 0.0945 million TPA all of which forms a total excavation of ROM 1.566 million TPA. Both the lease areas ML-1 and ML-2 constituting Limestone Mines are contiguous, such that ML-I is surrounded all round by ML-II. Mine lease area ML- 1 (267.695 ha.), has two Blocks. The two leases are operated differently.

The project proponent submitted that the method of mining will be fully mechanized opencast mining method. The Total estimated geological reserves as on date are about for ML-II is 34.335 Million tonnes. Exploitation of limestone will be by conventional method of drilling and blasting technique. Drilling will be carried out by deploying 110 mm and 150 mm dia drill. Loading of limestone and overburden will be done by hydraulic Excavators. The excavated material will be transported to the crusher/ dump yard by dumpers. All the haul roads, either main approach road or the feeder roads will have a minimum width of 12 m. Captive limestone mines do not produce any solid waste in particular. The top soil being scrapped is carefully stacked temporarily and is being used for plantation/ re-vegetation purpose. Overburden generated during the mining period shall be dumped at designated non mineralized area. Shale and other fractions having CaO-34% shall be stacked separately as sub-grade material.

The project proponent submitted that Presently Crushing is being done using primary crusher of 1000 t/h but in future as per requirement another 1500 t/h capacity crusher will be installed (ML-I). The maximum input size of the boulder is 1 m. while the output size is 70 mm. All the crushed material will be directly dispatched to the plant by roadways through covered dumpers/trippers till the commissioning of pipe conveyor from mines to plant. The crushed limestone from crusher is loaded and transportation of crushed materials is being done using covered dumpers, this is

temporary in nature till the closed belt conveyor gets commissioned and the construction work of pipe conveyor is in progress over a length of about 5.5 Km. The pipe conveyor belts overall work progress on the pipe conveyor has been slow due to several land acquisition issues with Bhilai steel plant (PSU) which is likely to be positively resolved in near future, en-route the pipe conveyor.

7. The project proponent submitted that the total water requirement (including ML-I & ML-II) is 415 KLD out of which existing water requirement is 200 KLD whereas proposed water requirement will be 215 KLD for both mine lease areas. Water is being required for various mining activities including drinking. This water obtained from the shivnath anicut Dam/RWH pit/ boreholes. Ground water is only being used for Domestic purpose and for Mining operations water is being sourced through Shivnath river. A total of 60 KLD of Shivnath river water is used for mining activities for dust suppression and for HEMM washing etc. PP also submitted the renewal of NOC for ground water withdrawal to abstract 320m<sup>3</sup>/day of ground water through (7) existing bore wells only and 1860 m<sup>3</sup>/day through dewatering of mine seepage from five (5) existing mine pits on account of mining intersecting the ground water abstraction vide Lr. No.1-4(34)/NCCR/CGWA/2012-76 dated 30.01.2020 and is valid from 26.09.2019 till five years.

8. The project proponent submitted that there is no human settlement within mine lease area and it is an existing operational mine, no rehabilitation and resettlement is involved.

9. The project proponent submitted that CTE for Limestone mining capacity of 2.4 million TPA (2.4 million TPA in Phase II), lease area: 252.105 ha, was obtained vide letter number 5016/TS/CECB/2018 dated 11th September 2018. CTO under water act (1974) and Air act (1981) for 0.3 Million TPA, Limestone production has been obtained vide File number 8288/TS/CECB/ 2019 dated 24th December 2019 valid for a period of two years i.e., from 01<sup>st</sup> December 2019 to 30<sup>th</sup> November 2021.

10. The project proponent reported that there is no Court Cases pending against the project and/or land in which the project is proposed to be set up.

11. The project proponent submitted the Affidavit as per the Ministry's OM dated 30.05.2018 in a non-judicial stamp paper vide N 218404 dated 19.11.2020. PP also submitted the past production details duly authenticated by Department of Mining and Geology letter dated 02.09.2020 for ML – I and ML – II respectively and is observed to be well within the limits of EC capacity.

12. The project proponent submitted that the estimated total capital cost of the project is Rs. 25 crores. PP reported that 15 persons are engaged in ML-II.

13. The proposal was considered in the 25<sup>th</sup> EAC meeting held during 22-24<sup>th</sup> December, 2020. Based on the documents submitted and presentation made by the project proponent and the Consultant, the Committee **recommended** the proposal

for grant of Terms of Reference for expansion in production capacity of M/s. JK Lakshmi Cement Ltd., Captive Limestone Mines (Mine Lease II of area 252.105 Ha) from 0.3 MTPA to 1.35 MTPA from the lease ML-2 with existing crusher and with additional crushing capacity of 1500 TPH at Villages-Semariya, Ghikuria & Nandini Khundini, Tehsil – Dhamdha, District – Durg Chhattisgarh subject to the following specific conditions in addition to the standard ToR conditions:

- i. PP needs to complete the conveyor by joining 372m
  - a. either by acquiring the land or by taking a right from BSP
  - b. In the event this is not possible within 1 year explore the possibility of creating a stockyard of limited inventory to functioning the plant and transport the material to reduce the transportation distance
- ii. The current practice of transportation by road and the additional impacts due to expansion on the road transportation to be studied and incorporated in the EIA report.
- iii. The committee intense to convey that road transportation to be stopped before the 2<sup>nd</sup> line starts functioning as the plant and should not continue beyond the date of grant of EC. All this scenario to be studied by PP and included in the EIA report.
- iv. Total excavation has to be properly addressed in the EIA report.
- v. PP needs to carry out a cumulative impact for ML-I, ML-II and the plant.
- vi. Plantation along the conveyor belt to be completed
- vii. PP needs to submit the letter of intent for the reduced lease from 281.339 Ha to 252.105 Ha.
- viii. PP needs to submit the CTE/CTO from the inception of the mine.
- ix. PP needs to submit the annexure III of agenda.

**2.4: Proposal under the provision of Notification S.O. 1530 dated 06.04.2018 for Gagal Limestone mine of with Production Capacity 4.5 Million TPA (Limestone, shale & Quartzite) and sub-grade mineral stacking 2,50,000 CuM per annum (Maximum) with two nos. of existing Crushers having capacity 1000 TPH & 400 TPH from the mine lease area of 231.25 ha located at Villages Nalag, Bhaterrh Uprali, Barmana, Jamthal, DhawanKothi, Baloh & Panjgain, Tehsil Sadar, District Bilaspur, Himachal Pradesh by M/s. ACC Limited – Reconsideration of ToR [File No. J-11015/130/2003-IA-II(M); Proposal No. IA/HP/MIN/81200/2018] – Terms of Reference**

The proposal of M/s ACC Limited is for Terms of Reference for Existing Limestone Mine (ML Area: 231.25 ha) Limestone Production Capacity of 4.5 Million TPA subgrade mineral stacking 2,50,000 CuM per annum (Maximum) (0.51 Million tonnes) and two existing Crushers having capacity 1000 TPH & 400 TPH respectively. The mining lease is located Near Villages- Villages Nalag, Bhaterh Uprali, Barmana, Jamthal, Dhawan Kothi, Baloh & Panjgain at Tehsil Sadar, District Bilaspur, Himachal Pradesh. Study area falls within the Survey of India Toposheet No. 53 A/15. The Project is located in Seismic zone-V. The Latitude and Longitude of the mine site falls between 31° 23' 30.3" to 31° 24' 57.50" N and 76° 50' 15.5" to 76° 51' 8" E respectively.

2. Project Proponent submitted that the Project is Category A project as the mining lease area is more than 100 Ha as per S.O. dated 14.08.2018. The Proposal also involved Mineral Beneficiation (Wobblers). Due to this PP applied in Form-1 under Schedule 1(a) - Mining of minerals activity.

3. Project Proponent submitted that Environmental Clearance for the existing mine was obtained on 21<sup>st</sup> April, 2005 under the EIA notification 1994. Pursuant to the MoEF&CC circular 6<sup>th</sup> April 2018, Present EC application is submitted under EIA notification 2006 for revalidation of Environmental Clearance. There is no increase in the production capacity or increase of mining lease area of the project.

4. Project proponent submitted that the application was made within the provision of Ministry's Notification S.O.1530(E) dated 6.04.2018 as per the notification the Project Proponent applied for ToR on 4th October 2018 i.e. well within the due date as per above notification and submitted the Form-1 & Pre-Feasibility Report. The proposal was placed in the EAC meeting held during December 19-20, 2019 wherein the committee observed that PP has not submitted the complete information, and further examination of the submitted information is required for assessment of compliance of the various provisions of ministry notifications, OM and Hon'ble Court judgements. The Committee, therefore, deferred the proposal and additional details was sought by the Ministry vide letter dated 07.02.2020.

5. Project Proponent submitted that the reply of Additional Details Sought was submitted to MoEFCC on 11.05.2020. Based on information submitted, the project was again considered in 18<sup>th</sup> EAC meeting held on 23.06.2020 wherein the Committee was of the opinion that the instant Proposal attracts the Violation of EIA Notification, 2006. PP again submitted the *application for grant of ToR within the provision of Ministry's Notification S.O.1530(E) dated 6.04.2018 requesting to exempt public hearing as there is no change in mining lease area, production capacity & mining methodology and Process for EC accordingly* and the proposal was placed in the 25<sup>th</sup> EAC (Non-coal Mining) held during 22-24 December, 2020.

6. The proposal was considered in the 25<sup>th</sup> EAC meeting held during 22-24<sup>th</sup> December, 2020. Based on the documents submitted and presentation made by the project proponent and the Consultant, the Committee noted that the proposal attracts the violation and with this background EAC decided to appraise the proposal and after detailed deliberations the committee **recommended** the proposal for grant of standards Terms of Reference under Notification S.O. 1530(E) dated 6<sup>th</sup> April 2018 and additional TOR in view of the violation for undertaking detailed EIA/EMP study for Gagal Limestone mine of with Production Capacity 4.5 Million TPA (Limestone) and sub-grade mineral stacking 2,50,000 CuM per annum (Maximum) with two nos. of existing Crushers having capacity 1000 TPH & 400 TPH from the mine lease area of 231.25 ha of M/s ACC Limited located at Villages Nalag, Bhaterh Uprali, Barmana, Jamthal, DhawanKothi, Baloh & Panjgain, Tehsil Sadar, District Bilaspur, Himachal Pradesh as following:

- I. 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.
- II. 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.
- III. 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.
- IV. The remediation plan and the natural and community resource augmentation plan to be prepared as an independent chapter in the EIA report by the accredited consultants.
- V. PP needs to carry out the Public Hearing as the proposal attracts the violation and the PH cannot be exempted.
- VI. PP should submit the note on the improvement in the EMP during last six months.

- VII. PP should provide in the EIA Report details of all the statutory clearances, permissions, no objection certificates, consents etc. required for this project under various Acts, Rules and regulations and their status or estimated timeline after grant of EC.

**2.5: Proposed production of Iron Ore: Total Excavation: 1662977 TPA; ROM: 10,00,000 MTPA Manganese Ore: Total Excavation: 1407519 TPA; ROM: 1,50,000 MTPA from Mahulsukha Iron and Manganese Ore Block by M/s Patnaik Minerals Private Ltd. over an area of 390.317 Ha in village Randa, Rantha and Bhutuda under Bonai Sub-Division and Lahunipada Tahasil of Sundergarh District, Odisha. [Proposal no: IA/OR/MIN/180360/2020; File No. J-11015/75/2020-IA-II(M)] – Auction Mine-Terms of Reference**

The Proposal of M/s Patnaik Minerals Private Ltd is for grant of Term of Reference for proposed production of Iron Ore: Total Excavation: 1662977 TPA; ROM: 10,00,000 MTPA, Manganese Ore: Total Excavation: 1407519 TPA; ROM: 1,50,000 MTPA from Mahulsukha Iron and Manganese Ore Block by M/s Patnaik Minerals Private Ltd. over an area of 390.317 hac (as per DGPS)/ 399.838 hac (as per RoR) in village Randa, Rantha and Bhutuda under Bonai Sub-Division and Lahunipada Tahasil of Sundergarh District, Odisha. The mine lease area is located between Latitude: 21°46' 52.12" N to 21°49' 04.55" N and Longitude 85°07' 55.43" E to 85°09' 10.42" E and within survey of India Toposheet No. 73 G/I.

2. As per EIA Notification dated 14th September, 2006 as amended from time to time, the project falls under Category "A", Project or Activity 1(a) as the mining lease area is more than 100 ha.

3. The project proponent submitted that the previous lessee (M/s Aryan Mining & Trading Corporation Ltd) obtained Environment Clearance for the production capacity of 0.040 MTPA Manganese ore vide the letter No-J-11015/412/2005-IA. II (M) dated 05.04.2007. PP has now applied vide Proposal no: IA/OR/MIN/180360/2020 dated 23.10.2020 for prescribing Term of Reference (ToR) and submitted Form-1 and Pre-feasibility report. Thereafter, Ministry examined the proposal and raised EDS on 11.11.2020 and the PP submitted the information on 03.12.2020. The proposal was now considered in the 25<sup>th</sup> EAC meeting held during 22-24 December, 2020.

4. The project proponent submitted that the Mahulsukha Mining Lease area was originally executed for mining of Manganese Ore since dated 03.02.1945 for a period of twenty (20) years in favor of M/s Aryan Mining & Trading Corporation Ltd. The 2nd renewal over an area of 399.838 hectares was granted on 03.02.1985 for further period of twenty (20) years which was expired on 03.02.2005. Subsequently, Govt. of Odisha, once again extended the validity period of above mining lease area under Section 8(A) (6) of the M&M (D&R) Act, 1957 as amended by the MMDR



Amendment Act, 2015 up to 31.03.2020 in favor of M/s Aryan Mining & Trading Corporation Ltd. As per the section 8A (4) of MMDR (Amendment) Act 2015, on the expiry of the lease period, the lease shall be put up for auction. The e-auction process was conducted in accordance with the tender document and the mineral auction rule, 2015 for said block.

M/s Patnaik Minerals Pvt. Limited was declared as the Preferred Bidder and without prejudice to the generality of the provisions of section 8B(2) of the MMDR Act, 1957, the details of the valid rights, approvals, clearances, licenses, and the like held by the previous lessee are vested in favour of M/s Patnaik Minerals Pvt. Ltd. by the Govt. of Odisha for a period of 2 years from the date of execution of lease deed or till the date of getting fresh approvals, clearances, licenses, permits, and the like, whichever is earlier vide order No4246/SM, dated 30.05.2020. Government of Odisha has issued Letter of Intent to M/s Patnaik Minerals Pvt Ltd vide Order No. 5518/SM Dated 29.06.2020 for grant of Mining Lease over an area of 390.317 Ha for a period of 50 years. PP has executed and registered the Mine Development and Production Agreement (MDPA) with the Government of Odisha on 26.06.2020 vide Letter No. - 159, dated 26.06.2020 and have paid the 3<sup>rd</sup> instalment of upfront payment as confirmed by Director of Mines vide letter No. 4443/DM dated 29.06.2020. The Collector & District Magistrate, Sundargarh, has executed the Mining Lease Deed over the said area in favour of us M/s Patnaik Minerals Pvt. Ltd. on 29.06.2020.

5. The project proponent submitted that, Out of the total mining lease area of 390.317 ha; 18.219 Ha. Govt. non-forest land, 370.751 Ha. is Govt. forest land and 1.348 Ha. Private Land area is non-forest land. The previous lessee has obtained forest clearance over an area of 227.00 Ha on 18.08.2008 vide MoEF letter No – F.No.8 – 93/2004-FC. Out of the total lease area of 390.317 Ha, 370.751 ha is forest land and NPV amounting Rs. 27,60,32,250/9 has been deposited on 16.06.2020 for the forest area as per demand notice vide File no: 11- 97/2018- FC dated 31.03.2020 of MoEF& CC, GOI & Memo no-6791/F&E dated 07.04.2020 of special secretary to Govt, of Odisha, F&E Dept., Bhubaneswar. PP also submitted that M/s Patnaik Minerals Pvt. Ltd applied for Stage – I Forest clearance vide Proposal No: FP/OR/MIN/51283/2020 dated 23.10.2020. PP further submitted that there are no wild life sanctuaries, national parks, elephant/tiger reserves, corridors, biosphere reserves, eco sensitive areas, critically polluted areas within 15 km of the mine lease area.

6. The project proponent submitted that the letter for Approval of Mining plan duly approved by Indian Bureau of Mines vide letter no. MP/A/17-ORI/BHU/2020-21 dated 01.10.2020 over an area of 390.317 hac (as per DGPS)/ 399.838 hac (as per RoR) for the period 2020-21 to 2024-25. PP submitted that the opencast mechanized method of mining will continue on three shift basis with the deployment of drills, associated compressors, dumpers/tippers, excavators and other auxiliary equipment for development, production, processing, protection of environment and

safety. As per the MCDR, 2017, the mine comes under Category -A (Fully Mechanized) Mine. Mining operation since 1945 has resulted 15 manganese quarries. Most of the quarries are scattered in nature and distributed throughout the lease area.

The project proponent reported that Manganese Ore Total Resources– 731441.49 MT Mineral Reserve - 643660.23MT, Non-Mineral Reserve – 87781 MT Iron Ore Total Resources– 32814486 MT, Mineral Reserve - 26783298MT and Non-Mineral Reserve – 6031188 MT. Drilling is proposed to be done using 115mm diameter drills with 10% sub grade drilling. Blasting will be done by adopting the State of Art technology by using mostly SME (Site Mixed Emulsion Explosives) along with conventional explosives such as PGC, toe blast. Excavators of 2.1m<sup>3</sup> to 3.2m<sup>3</sup> capacities will be deployed for excavation & loading of ROM ore and dumpers 20T/35T capacity shall be deployed for transportation of ore and OB. The ROM ore from different mining faces will be transported by dumpers in a pre-determined proportion (for blending different qualities of ore), and delivered to the processing plant. Iron ore (ROM) excavated from the lease area will be sent to outside the lease area to make it different sizes. However, low grade material (below 55%Fe) within the lease area will be processed only by screening within the lease area to make it saleable. The Static/ Mobile Screening Unit, capacity 200 MT per hour has been proposed to be installed at the mines to screen the ROM of both Iron and Manganese ores from the quarry. Low grade Ore mixed with laterite and clay from the quarry and sub grade dumps will be transported and stored at the screen plant site. The Ore will be fed to the receiving hopper through a loader/excavator. The Ore will be fed to a double deck vibrating screen to eliminate the clay and the oversize material and recover the sized material of 10-40 mm of both iron and Manganese Ore. PP submitted that during plan period 822838 cum from iron ore zone and 1051109 cum from manganese ore zone will be generated. It has been planned that about 10% of generation will be utilized for road maintenance and balance waste will be disposed of at earmarked site and the waste generation during conceptual period is 7424976cum from iron ore zone and 2999461cum from Manganese ore zone. The total waste so generated will be utilized for back-filling of mined out land.

7. The project proponent submitted that the water consumption will be limited to 84 m<sup>3</sup>/day which consist of 20 m<sup>3</sup>/day for domestic, 64 m<sup>3</sup>/day for non-domestic purpose. Water for drinking/domestic use will be sourced from the boring point of lessee while water for non-domestic use such as plantation, water sprinkling etc. will be sourced from water harvesting ponds and Bhutudanala. PP submitted the proof of application submitted to CGWA dated 18.11.2020.

8. The project proponent submitted that the proposed project does not involve any rehabilitation and re-settlement.

9. The project proponent reported that there is no Court Cases pending against the project and/or land in which the project is proposed to be set up.

10. The project proponent submitted the Affidavit in a non-judicial stamp paper vide S0AA 711583 that the company will comply with all the statutory requirements and judgement of Hon'ble Supreme Court dated 02.08.2017 in writ petition (civil) no. of 114 of 2014 in the matter of Common cause vs Union of India and Ors.

11. The project proponent submitted that the total capital cost of the project is Rs. 20 crores. PP reported that 304 persons will be engaged of which management/supervisory/clerical 10 persons, skilled 88 persons, semi-skilled 118 persons and unskilled 88 persons.

12. The proposal was considered in the 25<sup>th</sup> EAC meeting held during 22-24<sup>th</sup> December, 2020. Based on the documents submitted and presentation made by the project proponent and the Consultant, the Committee **recommended** the proposal of M/s Patnaik Minerals Private Ltd for grant of Terms of Reference for proposed production of Iron Ore: Total Excavation: 1662977 TPA; ROM: 10,00,000 MTPA, Manganese Ore: Total Excavation: 1407519 TPA; ROM: 1,50,000 MTPA from Mahulsukha Iron and Manganese Ore Block over an area of 390.317 hac (as per DGPS)/ 399.838 hac (as per RoR) in village Randa, Rantha and Bhutuda under Bonai Sub-Division and Lahunipada Tehsil of Sundergarh District, Odisha. In addition to the Standard Term of Reference for Non-Coal mining, the Committee also prescribed the recommendation of CSIR-NEERI report on carrying capacity study should be included in the TOR condition along with the following specific conditions:

- i. The PP shall submit the present state of mine including primary environmental baseline data along with TOR application in order to assess the status and level of environmental compliance while transfer of lease. The PP must show any non-compliance of earlier EC by previous occupier so that the same can be considered at the time of appraisal for grant of Environmental Clearance.
- ii. The TOR should also include damage assessment due to such noncompliance as one of the activities. In absence of such disclosure by PP, any subsequent identification of environmental non-compliance would be liability of new PP. The information to be submitted may be related to, but not limited to,
  - a. Compliance of mining plan, including waste and OB dump management, mine closure plan etc.
  - b. Compliance to Common cause judgment
  - c. Status of R&R
  - d. Compliance of plantation
  - e. Compliance of public hearing issues
  - f. Status of complaints/ court cases/legal action
  - g. Compliance of specific conditions of earlier EC

- iii. MoEF&CC RO office shall preferably conduct visit of each of such mine lease/s where e-auction have been conducted to document the compliance status of existing EC at such leases, at earliest.
- iv. New lessee shall take possession of all records and documents related to EC and consent form the earlier lessee, including EIA reports, EC, consent, correspondence with MOEFCC and SPCB/CPCB etc.
- v. The new lessee shall provide the NRSC certified imaginary of the project site, depicting the real status of land use, canopy coverage, level of plantation, land degradation etc., one at the time of taking possession of lease and second after 6 -12 months to assess changes effected by present occupier.
- vi. The project proponent shall submit the list of schedule-1 species duly authenticated by concerned department. The PP shall submit the conservation plan duly approved by Principle Chief Conservator of Forest (PCCF).
- vii. PP needs to submit the previous NOC obtained from CGWA.
- viii. PP should submit the exact break up of the forest land and non-forest land in the mine lease area and the status of forest clearances.
- ix. PP should provide in the EIA Report details of all the statutory clearances, permissions, No objection certificates, consents etc. required for this project under various Acts, Rules and regulations and their status or estimated timeline after grant of EC.

**2.6: Amendment in EC granted vide letter no. No. J-11015/ 1154/2007-IA. II (M) for Expansion of Tantra, Raikela Bandhal (TRB) Iron Ore Mining Project of M/s Jindal Steel Power Ltd. located in Village(s) Tantra, Raikela and Bandhal, Tehsil Bonai, District Sundergarh, Odisha. [Proposal no: IA/OR/MIN/7222/2008; File No. J11015/1154/2007-IA-II(M)] – Amendment in EC**

The proposal of M/s Jindal Steel Power Ltd is for Amendment in EC granted vide letter no. No. J-11015/1154/2007-IA. II (M) dated 17.03.2009 for expansion of Tantra, Raikela Bandhal (TRB) Iron Ore Mining Project located in Village(s) Tantra, Raikela and Bandhal, Tehsil Bonai, District Sundergarh, Odisha.

2. As per EIA Notification dated 14<sup>th</sup> September, 2006 as amended from time to time, the project falls under Category “A”, Project or Activity 1(a) as the Mining lease area is more than 100 Ha.

3. The project proponent now applied for amendment in EC dated 17.03.2009 vide proposal IA/OR/MIN/7222/2008 dated 02.12.2020. The proposal was considered in the 25<sup>th</sup> EAC meeting held during December 22-24, 2020.

4. The project proponent applied for amendment in EC to mine in already diverted area of 0.218 Ha in part of safety zone within the mine lease area and PP vide Lr. Ref. No. JSPL/Mine/ 2020-11932 dated 17.11.2020 and submitted the following:

- i. Map depicting the safety zone where mining is proposed to be undertaken.
- ii. Forest clearance granted by MoEFCC (FC Division), New Delhi vide Lr. No. F.No 8-63/1995 FC (Vol-II) dated 04.04.2020 for change in land use pattern of 0.218 Ha. Safety zone area for the mining purpose within 206.081 Ha of already diverted forest land including safety zone.
- iii. Amended Lease Deed executed on 02.05.2018 by the Collector, Sundargarh extending the validity period of the mining lease up to 24.05.2035 over an area of 207.113 Ha. PP also mentioned that the initial grant of lease area is 297.848 Ha and after surrendering 90.061 Ha (297.848 Ha – 90.061 Ha = lease area is 207.787 Ha). The lease area has revised to 207.113 Ha instead of 207.787 Ha after DGPS Survey.
- iv. Review of Mining Plan for the period of 2020-21 to 2024-25 has been approved by the Indian Bureau of Mines, Bhubaneswar vide Letter No. RMP/A/28-ORI/BHU/2019-20 dated 18.11.2019 over an area of 207.113 Ha under Rule 17(3) of Mineral Concession Rules, 2016 which include change in land use pattern to undertake mining in safety zone.
- v. Permission letter from Director of Mines Safety, Chaibasa Region, Govt. of India vide Lr. No 330060/SEZ/Chaibasa Region/Perm/2020/5845 dated 28.08.2020 to extend the opencast workings of the mine and to allow working in the safety zone area under sub-regulation no. 3 of regulation 111 of MMR 1961.
- vi. Consent to Operate issued by the State Pollution Control Board, Odisha vide No. 3739/IND-I-CON-1401 dated 21.03.2020 and is valid for the period up to 31.03.2025.

5. The proposal was considered in the 25<sup>th</sup> EAC meeting held during 22-24<sup>th</sup> December, 2020. The committee noted that the proposal submitted by JSPL is request for amendment in EC to permit them to do mining in the mineralized zone which is currently under safety zone. This proposal when presented to EAC brought out the following features and **recommended** the proposal for Amendment in EC dated 17.03.2009, keeping all terms and conditions to be same, with following specific conditions:

- i. The entire boundary of JSPL is sharing boundaries with two major mines and one small mine of PTLA on the southern side. The proposal was to seek permission to do common pit mining in an area flagged by them 270m as the adjacent boundary and a common pit for the two mines. Since PTLA is a separate entity and there is no submission from PTLA yet from the respective State Government.
- ii. The committee deliberated and decided to restrict the decision in the current lease hold area of JSPL for the length of 270m only in their lease. After technical evaluation, the committee felt that the recommendation can be made to exploit the mineral in the safety zone of PP lease only covering an area of 270 x 5.5m. Keeping a barrier of 2m between the lease of the PP and the PTLA, accordingly PP has to revise the mining plan.
- iii. PP will compensate 5 times the plantation in the entire safety zone covering 270m in the rest of the safety zone area either by gap filling or strengthening and shall submit the plan to the ministry.
- iv. PP after exploitation of the mineral in the said area i.e. 270 x 5.5m will reclaim the pit and do the plantation within a year of closing the pit. Amendment in EC restricted to the area above said is only recommended. All other conditions remain unchanged.
- v. PP shall submit the Statement about the status of the mine closure as per the earlier mining plan as a compliance to the mine closure plan to the ministry.

### **Day-3 (24.12.2020)**

#### **3.1: Proposal of Zinzarka Limestone Mine with production of 2.0 LTPA (ROM) with mine lease area 24.28 ha, located at Village Zinzarka Boricha, Tehsil & District Porbandar, Gujarat by M/s Saurashtra Chemicals Division of Nirma Limited - Environmental Clearance. [Proposal No. IA/GJ/MIN/23323/2014; File No. J-11015/155/2014-IA.II(M)]**

The Proposal of M/s Saurashtra Chemicals Division of Nirma Limited is for Zinzarka Limestone Mine with production of 2.0 LTPA (ROM) with mine lease area 24.28 ha, located at Village Zinzarka Boricha, Tehsil & District Porbandar, Gujarat. The mining lease area is a part of the Survey of India Topo-sheet No. 41 G/9 and 41 G/10. The site falls between latitude 21° 44' 56.76" N to 21° 45' 14.90" N and longitudes 69° 40' 19.65" E to 69° 40' 37.74" E and falls in seismic zone-III.

2. As per EIA Notification dated 14<sup>th</sup> September, 2006 as amended from time to time, the project falls under category "A", Project or Activity 1(a) as the proposal attracts general condition. The Barda Wildlife Sanctuary is present within 5km radius from the mine lease area i.e. at a distance of 1.38km in East direction from the mine site.

3. The project proponent had obtained Terms of Reference (ToR) from MoEF&CC vide letter no. J-11015/155/2014-IA.II(M) dated 25.11.2014. The project proponent had applied for Environmental Clearance on 16<sup>th</sup> July, 2016. The proposal was first considered in 10<sup>th</sup> EAC meeting held on 19-20<sup>th</sup> September, 2016 wherein the Committee deferred the proposal as it was noted that mine lease area falls within the Eco-sensitive Zone (ESZ) of the Barda Wildlife Sanctuary. The ESZ notification provided for prohibiting the mining activity within the ESZ therefore, it was decided that the proposal may be deferred till the ESZ notification is finalized. Accordingly, the ADS was generated on 5<sup>th</sup> October, 2016 and the project proponent replied on 22<sup>nd</sup> May, 2017. Again, ADS was generated on 15<sup>th</sup> June, 2017. PP submitted the reply on 18<sup>th</sup> September, 2017. The proposal was then considered in 23<sup>rd</sup> EAC meeting held on 23-24<sup>th</sup> October, 2017 wherein the Committee deferred the proposal and was of the view that it may be re-considered after the PP submits the renewed mining lease deed. ADS was generated on 1<sup>st</sup> November, 2017. PP submitted the reply on 27<sup>th</sup> November, 2019. The proposal was then considered in 12<sup>th</sup> EAC meeting held on 19<sup>th</sup> December, 2019 wherein the Committee deferred the proposal due to few shortcomings. ADS was generated on 7<sup>th</sup> February, 2020. PP replied for the same on 5<sup>th</sup> November, 2020.

4. The proposal was considered in 25<sup>th</sup> EAC meeting held during 22-24<sup>th</sup> December, 2020. The Committee noted that the air quality modelling results have not shown properly, while comparing the baseline data collected during December, 2014 to February, 2015 and in January, 2020 for revalidation of the baseline results. The percentage variance submitted by the project proponent was not adequate for all the data collection sites. The Committee also noted that the presentation given by the project proponent was not clear. Therefore, based on the documents submitted and presentation made by the project proponent and the consultant, the Committee **deferred** the proposal and is of the view to submit the following information:

- The project proponent needs to submit the air quality data by performing proper air quality modelling. Also, properly mention the impact of mining activities on the surrounding region.
- The project proponent needs to submit the precautions and mitigation measures to be adopted along with the road passing through the mine lease area.

**3.2: Proposal for revalidation of EC under Notification S.O. 1530(E) dated 6th April 2018 of Limestone Mine with the production capacity of 0.715 MTPA with the mine lease area 254.89 ha of Chorbedi 1 captive limestone mine located at Village: Chorbedi, Taluka: Lalpur, District: Jamnagar, Gujarat of M/s Shree Digvijay Cement Co. Ltd.- Terms of Reference [Proposal No. IA/GJ/MIN/81570/2018; File No. IA-J-11015/161/2018-IA-II(M)]**

The Proposal of Shree Digvijay Cement Co. Limited is for Terms of Reference under Notification S.O. 1530(E) dated 6th April 2018 of Limestone Mine with the production capacity of 0.715 MTPA with the mine lease area 254.89 ha of Chorbedi 1 captive limestone mine located at Village: Chorbedi, Taluka: Lalpur, District: Jamnagar, Gujarat. The site falls between latitude 22°5'52.51"N and 22°4'37.19"N to longitude 70°0'8.03"E and 69°59'47.04"E and falls in seismic zone-IV.

2. As per EIA Notification dated 14th September, 2006 as amended from time to time, the project falls under Category "A", Project or Activity 1(a) as the mining lease area is more than 100 ha.

3. The application for ToR under Notification S.O. 1530(E) dated 6<sup>th</sup> April 2018 was submitted on parivesh portal on 05.10.2018. The proposal was considered in 38<sup>th</sup> EAC meeting held on 16<sup>th</sup> November, 2018 wherein the project proponent did not attend the meeting and the proposal was deferred. An ADS was generated on 8<sup>th</sup> May, 2019. The project proponent submitted the reply on 29<sup>th</sup> July, 2019. The proposal was again considered in EAC meeting held on 28<sup>th</sup> August, 2019 wherein PP again did not attend the meeting and the Committee deferred the proposal. The proposal was again considered in EAC meeting held on 30<sup>th</sup> January, 2020 wherein PP requested to defer the proposal as some of the information was to be obtain from the State Government. Again the same ADS was generated on 25<sup>th</sup> February, 2020. The proposal was delisted on 30<sup>th</sup> May, 2020 since no information was provided by the project proponent within the prescribed time limit of 90 days. The project proponent submitted the reply on 2<sup>nd</sup> September, 2020 with relisting request. Now, it is an agenda item of the 25<sup>th</sup> EAC meeting held on 24<sup>th</sup> December, 2020.

Reply submitted by the project proponent of the ADS generated on 08.05.2019 and 25.02.2020 is as follows:

<b>Point no. 1</b>	<b>Details of past production of mine since its inception, duly authenticated by Department of Mines &amp; Geology, State Government.</b>
<b>Reply</b>	Details of past production of mine since 1993-94 (according to meeting agenda), duly authenticated by Department of Mines & Geology, State Government has been submitted.
<b>Point No. 2</b>	<b>Copy of affidavit needs to be submitted by PP in compliance of the Ministry's OM no. 3-50/2017-IA.III (Pt.), dated 30th May 2018</b>
<b>Reply</b>	Affidavit in compliance of the Ministry's OM no. 3-50/2017-IA.III (Pt.), dated 30 <sup>th</sup> May 2018 has been submitted.
<b>Point No. 3</b>	<b>Compliance of order dated 02.08.2017 in CWP No. 114/2014 of Hon'ble Supreme court (Common Cause Vs Union of India &amp; Ors.).</b>
<b>Reply</b>	Affidavit in compliance of order dated 02.08.2017 in CWP No. 114/2014 of Hon'ble Supreme court (Common Cause Vs Union of India & Ors.) is submitted.



<b>Point no. 4</b>	<b>Details of demand, if any raised by Department of Mining and Geology.</b>
<b>Reply</b>	No demand has ever been raised by Department of Mining and Geology.
<b>Point no. 5</b>	<b>Details of payment, if any made to Department of Mines &amp; Geology,</b>
<b>Reply</b>	No payment has ever been made to Department of Mines & Geology other than regular payment of Royalty and applicable taxes.
<b>Point no. 6</b>	<b>Validity of mine lease and copy of valid lease document.</b>
<b>Reply</b>	Originally Lease executed on 07.11.1983 for 20 Years. Renewal of Lease applied on 19.10.2002 for next 20 years i.e 07.11.2023 and it was being operated on Deemed renewal basis as per rule 24 A f MCR 1960. The Industries and Mines Department, Govt. of Gujarat vide letter no. MCR-1579-(D-30)-4107-Chh. 1 dated 14 <sup>th</sup> June 2017 extended the validity of Mine Lease up to 6 <sup>th</sup> November, 2033 as per the provision of MMDR (Amendment) Act 2015. The copy of lease validity extension letter is submitted.
<b>Point no. 7</b>	<b>Status of mine whether working or not.</b>
<b>Reply</b>	The mine is working as on date.
<b>Point no. 8</b>	<b>The total mine lease area details are not clear, please submit the details of exact mine lease area and the revised Form 1 with correct information against all the columns.</b>
<b>Reply</b>	Area under existing EC (J-11015/47/2005-IA.II (M) dated 7 <sup>th</sup> October, 2005) is 419.09 hectares for Chorbedi (Composite) Limestone Mine. This EC was accorded for 04 leases cumulatively. So, the information in Form 1 was filed accordingly. Now the application is being made for Chorbedi -1 Limestone Mine, individually and its lease area is 254.89 Hectares. Revised Form 1 is submitted with correct information and the same is submitted. Moreover, correction in lease area, subtracting 76.89 hectares under Forest have also been filed at Geology & Mines Department, Government of Gujarat, vide our letter dated 16.06.2020. <b>So the Mining Lease Area to be considered for Chorbedi 1 Limestone Mine is 178.00 Hectares.</b>

4. The project proponent submitted the mining lease status which is as follows:

<p>1. Date of entering into original lease deed. : 07.11.1983</p> <p>2. Date of expiry of original lease deed – : 06.11.2003</p>	<p>1. Date of 1<sup>st</sup> lease Renewal -</p> <p>2. Whether renewal or deemed renewal – Deemed Renewal</p> <p>3. Date of expiry of 1<sup>st</sup> lease renewal- 06.11.2023</p>	<p>1. Date of 2<sup>nd</sup> lease renewal - Not Applicable.</p> <p>The Lease period is extended up to 06.11.2033 vide order No – MCR-1579-(D-30)-4107-Chh. 1 dated 14<sup>th</sup> June 2017, as per MMDR (Amendment) Act, 2015</p>	<p>1. Date of 3<sup>rd</sup> lease renewal - Not applicable</p>
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The project proponent also submitted that the lease was operated from 06.11.2003 till 11.01.2015 under deemed renewal status as per Mineral Concession Rule 24A. Since 12.01.2015, the lease-period has been extended vide Govt. of Gujarat letter No. MCR-1579 (D-30) 4107 Chh dtd 14.06.2017 till 06.11.2033 as per section 8A (5) of Mines and Minerals (Development and Regulation) Amendment Act, 2015. Out of 254.89 Hectares, 76.89 hectares area is forest. The possession of forest area was taken back by the Forest Department on 24.09.2004. The Mines is in operation in the remaining non forest lease area of 178.00 hectares. The Environmental Clearance has been accorded by Ministry of Environment, Forest & Climate Change, Government of India vide letter no. J-11015/47/2005-IA.II (M) dated 7<sup>th</sup> October, 2005 towards Chorbedi (Composite -419.07 ha) Limestone mine for production capacity @ 9 lac tonnes/ annum cumulatively. The anticipated life of mine at production 0.716 million tonnes/annum of limestone will be around 5 years.

Mining leases in Rinjpur (42.90 Ha) and Ghunada (101.05 Ha) were cancelled by State Govt. vide order no. MCR-1503-ML363-(175) - chl1.l dated 10.01.2014 and MCR-1503-ML362- (174) - ch11 dated 18.01.2014, respectively.

Consent to operate for Chorbedi (Composite) Limestone Mine granted by Gujarat Pollution Control Board, Gandhinagar, vide consent order no. AWH-77637 dated 29.03.2016 is valid up to 22/03/2021 with production capacity @ 0.9 million tonnes/annum.

5. The project proponent submitted that Mine Plan & Progressive Mine Closure Plan was approved on 23<sup>rd</sup> September, 2016 vide letter no. 682(23)(MS-495)/2009khanikhas(A)Uday by IBM, Udaipur which was valid up to 31.03.2019. The project proponent also submitted that latest approved mining plan on 19.03.2019 which is valid till 2023-24. Copy of the latest approval letter of mining plan has not been submitted by the project proponent.

6. The project proponent submitted that Chorbedi 1 Limestone Mine is proposed to be continued with an eco-friendly opencast fully mechanized mining method. Ripper-Dozer will be dominant equipment for excavation and other allied activities. Many other eco-friendly excavation equipment like vibro ripper, hydraulic hammer, rock breaker etc. may also be used in the mine, in future considering availability of equipment and/or economics of the operations.

7. The project proponent submitted that nearest school to the mine site are Tebhada Vadi area school no. 2 - approx. 3.2 km in WNW, Tebhada Vadi area primary school no. 1 - approx. 5.1 km in W, Ravechi Mata Mandir - approx. 5.14 km in WNW, Surapura Dada Temple - approx. 5.5 km in ESE and Govt. Hospital Lalpur - Approx. 10.38 km in NW. Nearest village is Chorbedi village situated at a distance of 1.80 km from the project site. Nearest highway is SH-27 at approx. 12.5 km in West direction from the project site.

8. The project proponent submitted that water requirement for domestic, dust suppression and plantation is required to be 20 KLD (sprinkling – 5 KLD, plantation – 5 KLD, domestic & drinking – 10 KLD). It is proposed to obtain water from nearby sources that come under Gram Panchayat. The project proponent also submitted that 0.002 MW (2 KVA) electricity will be used from GEB for office (lighting and computer/ printer etc.). However, 2 KVA diesel generator set is provided for power backup in office and township to ensure availability of power at the time of GEB power failure.

9. The project proponent submitted that 2.0 hectare area is covered under plantation. Total 19 ha area (including Mined out area) is proposed to be covered under plantation during the lease period. Total 1600 trees are proposed to be planted within pit of lease area till the end of life of mine covering an area of 1.6 ha. Extent of the area to be covered under afforestation/ plantation along haul road, around the mines office & boundary of lease area, etc. Types of species / saplings to be planted (1) Acacia Arabica – Deshi Babul (2) Butea Frondosa - Dhak-khakaro (3) Ficus Religiosa – Pipal (4) Emblica Officianale – Amla (5) Custard Apple – Sitaphal (6) Sapota – Chiku (7) Guava (8) Gulmohar (9) Neem.

10. The project proponent submitted that there is no forest land within the lease area as forest department has taken over possession of 76.89 hectares forest area on 24.09.2004. There is no activity in this area since then and present proposal in Government waste land of 178.00 hectares.

11. The project proponent submitted that there is no National Park, Wild Life Sanctuaries, Biosphere Reserves, Tiger Reserves, Wildlife Corridors Eco-sensitive Zone (ESZ) within the 10 km radius of study area and no Schedule-1 species was found in the core zone.

12. The project proponent submitted that the baseline study was carried out during December 2018-February 2019 for this proposal. The public hearing was conducted on 09.10.2003.

13. The project proponent submitted that the capital cost of EMP is Rs. 40,000 only and the recurring cost is 1 Lakh. The breakup of the EMP cost is as follows:

Sl. No.	Measures	Capital Cost (In Rs.)	Recurring Cost (In Rs.)
1	Pollution Control i) Dust Suppression	20,000/-	20,000/-
2	Pollution Monitoring i) Air pollution ii) Water pollution iii) Soil Pollution iv) Noise Pollution	-- -- --	10,000/- 10,000/- 10,000/- 10,000/-
3	Plantation/ Green belt	10,000	10,000/-
4	Reclamation of mined out area (pisciculture, irrigation purpose)	5,000	10,000/-
5	Occupational Health	5,000	20,000/-
<b>Total</b>		<b>40,000/-</b>	<b>1,00,000</b>

14. The project proponent submitted that IME /PME being carried out regularly, OHC is established, all safety precautions being taken as per statute and Co's Policy- Zero Harm is the target, which is being fulfilled. Vocational training being imparted to all employees with basic and refresher course.

15. The project proponent submitted that there is no court case pending against the project.

16. The project proponent submitted that the mine lease area of 254.89 ha out of which 178.00 ha is in operation with proposed annual production capacity of 0.716 MTPA of limestone mineral. During the presentation, the project proponent also submitted that production has not been exceeded than the production capacity mentioned in previous Environmental Clearance.

17. The project proponent submitted the affidavit to MoEF&CC that will comply all the statutory requirement & judgment of Hon'ble Supreme Court dated 2nd August 2017 in writ Petition (civil) No. 114 of 2014 in the matter of common cause versus Union of India & Ores.

18. The project proponent submitted that total project cost is Rs. 1289 Lakhs. The project proponent also submitted that manpower requirement is 15 persons.

19. The proposal was considered in 25<sup>th</sup> EAC meeting held during 22-24<sup>th</sup> December, 2020. The Committee noted that the mine is in operation since 1984. The Committee asked the project proponent for status of health camps, steps taken for sustainable development, etc. since then. The Committee also enquired for compiled information related to interpretation of corporate duties, CSR related conditions and environment improvement programs in the society. The Committee observed that plantation is absolutely nil in the mine lease area.

20. Based on the documents submitted and presentation made by the project proponent and the consultant, the Committee **recommended** the proposal for Terms of Reference under Ministry's notification S.O. 1530(E) dated 6th April 2018 of Limestone Mine with the production capacity of 0.715 MTPA with the mine lease area 254.89 ha of Chorbedi-1 captive limestone mine located at Village: Chorbedi, Taluka: Lalpur, District: Jamnagar, Gujarat of M/s Shree Digvijay Cement Co. Ltd with subject to the following specific conditions along with standard conditions of Terms of Reference:

- Blasting operations are not permitted for the instant proposal.
- PP needs to submit the status of health camps, steps taken for sustainable development, etc. PP also needs to submit the compiled information related to interpretation of corporate duties, CSR related conditions and environment improvement programs in the society.
- The project proponent shall make progressive green belt and gap plantation along lease boundary as well as carry out plantation on dump, along avenue, haul road and on closed pits using "tall "(6 feet).

**3.3: Proposal for extension of validity of Environmental Clearance for Bauxite Mine with production capacity of 2.625 MTPA from the mine lease area 129.33 ha located at Village Naredi, Tehsil Abdasa, District Kutch, Gujarat by M/s Gujarat Mineral Development Corporation Limited - Extension of validity of EC. [Proposal No. IA/GJ/MIN/150429/2020; File No. J-11015/336/2005-IA.II(M)]**

The proposal of M/s Gujarat Mineral Development Corporation Ltd. is for extension of validity of Environmental Clearance granted vide letter no. J-11015/336/2005-IA.II (M) dated 10.11.2006 for Naredi-I and Naredi-II Bauxite Mining Project with proposed production capacity 2.625 MTPA of mine lease area 129.3353 ha located in Village Naredi, Tehsil Abdasha, District Kutch, Gujarat. The mining lease area lies between 23°13'05" to 23°12'10" N latitudes and 69°10'46" to 69°11'41" E longitudes and falls in Survey of India Topo Sheet No. 41 E/4.

2. As per EIA Notification dated 14th September, 2006 as amended from time to time, the project falls under Category A or Activity 1(a) as the mining lease area is more than 100 ha.

3. The project proponent has submitted that Environmental Clearance was granted by the Ministry vide letter no. J-11015/336/2005-IA.II (M) dated 10.11.2006 under the provisions of EIA Notification, 2006 for Naredi-I and Naredi-II Bauxite Mining Project for production capacity of 2,25,000 LTP (0.225 MTPA) of M/s Gujarat Mineral Development Corporation Ltd., located in Village Naredi, Tehsil Abdasha, District Kutch, Gujarat. It has been noted that the project proponent has applied in form 6 for extension of validity of Environmental Clearance for the production capacity of 2.625 MTPA of Bauxite mineral but the earlier EC dated 10.11.2006 had been granted for the production capacity of 0.225 MTPA.

4. The project proponent vide proposal no. IA/GJ/MIN/150429/2020 dated 20.07.2020 has applied for extension of validity of EC upto 31.03.2030 in view of extension of mining lease validity upto 31.03.2030. PP has stated that earlier the lease was valid till 31.03.2020 which is now extended upto 31.03.2030. Hence, this application is made keeping the same land area, production capacity and mining method. The proposal was earlier considered in 20<sup>th</sup> EAC meeting held during 19-21 August, 2020. The committee asked the PP for reasons for closure of operations from last few years, status of compliance of earlier EC including development of green belt along the boundary. Therefore, the proposal was deferred.

PP has submitted the reason for closure of operation as (a) Naredi I: Operation observed as uneconomical and (b) Naredi II: Lack of space for the stacking of Bauxite. The proposal was again considered in 23<sup>rd</sup> EAC meeting held during 23-25<sup>th</sup> November, 2020. The proposal was deferred due to the reason that project proponent informed the Ministry vide e-mail dated 19.11.2020 of positive corona infection to some of the senior authority of Gujarat Mineral Development Corporation Limited, whose presence is necessary in this meeting scheduled on 23.11.2020, and PP did not attend the meeting. Now, the proposal was considered in 25<sup>th</sup> EAC meeting held during 22-24<sup>th</sup> December, 2020.

5. As recorded in the EC letter dated 10.11.2006, there are two mining leases namely Naredi-I and Naredi-II adjacent to each other comprising total mine lease area of 129.3353 ha which is a private land. PP has further submitted the letter issued by Industries and Mines Department, Government of Gujarat vide Order No. MCR-1574-G-18-208-CHH dated 13.03.2020 stating that the lease area of 62.36 ha was granted to GMDC for 20 years vide Order No. MCR-1574-G-18-208-CHH dated 31.01.1977 and the deed was executed on 30.7.1977. As per the section (A) (6) of the MMDR Act 1957, the order dated 04.04.2016 of Hon'ble Supreme Court on WP(Civil) No. 114/2014 and The MMGC Rules, 2015, the Mining lease (62.36 ha area) of GMDC is extended till 31.03.2030. Similarly, Industries and Mines Department, Government of Gujarat vide Order No. MCR-1576(G-31)7074/CHH dated 13.01.2020 has stated that the lease area of 66.9753 ha was granted to GMDC for 20 years vide Order No. MCR-1576(G-31)472/CHH dated 20.04.1979 and the deed was executed on 25.06.1979. First renewal for 20 years was granted vide Order No. MCR-1576(G-31)7074/CHH dated 24.02.2006 and deed was executed on

17.07.2006. As per the section (A) (6) of the MMDR Act 1957, the order dated 04.04.2016 of Hon'ble Supreme Court on WP(Civil) No. 114/2014 and The MMGC Rules, 2015, the Mining lease (66.753 ha area) of GMDC is now extended till 31.03.2030.

6. The project proponent has submitted that Mining Plan was approved on 01.05.2018. Consent to operate has been issued by the Gujarat Pollution Control Board vide order no. AWH-88354 dated 16/09/2017 valid up to 04.09.2022. CTO has been obtained vide letter no. AWH 88354 from GPCB on 16/09/2017 which is valid up to 04-09-2022.

7. The project proponent submitted that the latest EC compliance report has been submitted to the Ministry's regional office located at Bhopal vide letter no. GMDC/CBPG/150/2020-21 dated 23.05.2020.

8. The project proponent submitted that water requirement is 26 M<sup>3</sup>/Day as per existing EC dated 10.11.2006.

9. The project proponent submitted that plantation was started from the year 2001 and it is progressing in phased manner every year by planting the native species in consultation with the local forest department in and around the ML area, roads, periphery of voids etc. Total plantation of 25564 plants has been carried out in 16.15 Ha area till March, 2020. The density of trees is 1300 plants/Ha. The plantation would be 10 Ha at the end of life of mine.

10. The project proponent submitted that mining activity is not intersecting ground water and the mine working depth will go maximum up to 5m to 17m and ground water table is 40-70m below the surface ground. Thus, there is no chance of any impact of mining activity on ground water. Therefore, monitoring of ground water is not done and if desired, shall be conducted in future.

11. The project proponent has submitted that the past production details for the period from 2006- 2007 to 2018-2019 authenticated by DMG, Bhuj-Kutch vide letter dated 11.12.2019 separately for the both the mining leases namely Naredi-1 (M.L. - 161) and Naredi-2 (M.L. -163).

12. The proposal was considered in 25<sup>th</sup> EAC meeting held during 22-24<sup>th</sup> December, 2020. The Committee noted that the plantation is not satisfactory in the mine lease area. Certified compliance report has not been submitted by the project proponent. The Committee suggested the **Ministry to write to regional office to visit the mine site**. Based on the documents submitted and presentation made by the project proponent and the consultant, the Committee **recommended** the proposal for extension of validity of Environmental Clearance letter no. J-11015/336/2005-IA.II (M) dated 10.11.2006 till 31.03.2030 for Bauxite Mine with production capacity of 2.625 MTPA from the mine lease area 129.33 ha located at Village Naredi, Tehsil Abdasa, District Kutch, Gujarat by M/s Gujarat Mineral

Development Corporation Limited. All terms and condition of EC letter no. J-11015/336/2005-IA.II (M) dated 10.11.2006 shall be same, in addition to previous EC conditions, the specific conditions are as follows;

- (i) The project proponent shall make progressive green belt and gap plantation along lease boundary as well as carry out plantation on dump, along avenue, haul road and on closed pits using “tall “(6 feet).
- (ii) PP needs to submit certified compliance report from IRO.
- (iii) PP needs to submit the detailed precautionary measures and implement the same for safety barrier from the Barda Wildlife Sanctuary.

**3.4: Proposal for amendment in Environmental Clearance for inclusion of ROM Limestone @ 2.73 million TPA on existing production capacity of steel grade Limestone @ 1.25 million TPA and removal of old subgrade limestone fines from already backfilled area with MLA of 998.4 ha located at Village Joga, Tehsil Ramgarh, District Jaisalmer, Rajasthan by M/s Rajasthan State Mines and Minerals Limited - Amendment in Environmental Clearance.[Proposal No. IA/RJ/MIN/177697/2020; File No. J-11015/43/2006-IA.II (M)]**

The Proposal of M/s Rajasthan State Mines and Minerals Limited is for amendment in Environmental Clearance for inclusion of ROM Limestone @ 2.73 million TPA on existing production capacity of steel grade Limestone @ 1.25 million TPA and removal of old subgrade limestone fines from already backfilled area accumulated till 31.03.2020 i.e. 23.97 Million Tons with MLA of 998.4 ha located at Village Joga, Tehsil Ramgarh, District Jaisalmer, Rajasthan. The mining lease area is a part of the Survey of India Topo-sheet No. 40I/11. The site falls between latitude 27<sup>0</sup>17'15" to 27<sup>0</sup>18'40" N and longitude 70<sup>0</sup>34'56" to 70<sup>0</sup>37'04"E and falls in seismic Zone – III as per IS:1893 (Part-I) : 2002.

2. As per EIA Notification dated 14th September, 2006 as amended from time to time, the project falls under Category “A”, Project or Activity 1(a) as the mining lease area is more than 100 ha.

3. The application for amendment in Environmental Clearance was submitted on 6<sup>th</sup> October, 2020. An EDS was generated on 9<sup>th</sup> November, 2020 asking the project proponent for (a) Latest EC compliance report; (b) Authenticated copy of past production details as per annexure-3; (c) As per specific condition in earlier EC, what is the present status of Court case in W.P 2279/2007; (d) Copy of approved mining plan. Reply for the same has not been submitted by the project proponent. Now, the proposal is considered in 25th EAC meeting held on 24th December, 2020.



4. The project proponent submitted that the proposal is for issuance of amendment in Environmental Clearance vide letter no. J-11015/43/2006-IA.II (M) dated 6th August, 2007 granted for Sanu-II limestone mining project of M/s Rajasthan State Mines and Minerals Limited for the period of 10 years. The period of EC was further extended by MoEFCC vide F. No. J-11015/43/2006-IA.II (M), New Delhi, Dated 16<sup>th</sup> March, 2020 with validity till the period of ML. No change is there in this proposal in terms of production plan/lease area/production methodology. The proposal is only for inclusion of ROM limestone 2.73 MTPA as mentioned in the approved mining plan approved by IBM, Gol for the project for generation of 1.25 MTPA SMS grade limestone.

5. The project proponent submitted that State Government vide order no. P-1(55) Khan-Gr-I/88-Part-1 dated 05.06.1998 granted mining lease in favour of M/s RSMML over the same area of 9.984 Sq.Km (998.4 hectare) for mineral SMS /Steel-grade limestone near village Sanu, Tehsil & District Jaisalmer (ML No.- JSM/major/01/97) for a period of 30 years w.e.f. 01.04.1997. The lease deed agreement was executed on 03.03.1999 & registered on 15.03.1999 in the office of sub-registrar, Jaisalmer. With the amendment in section 8A (6) vide Mines & Mineral development & regulations Amendment Act 2015, State Government has extended the lease period upto 31.03.2047.

The project proponent also submitted that the Consent to Operate (CTO) under section 21(4) Air (Prevention & Control of Pollution) Act, 1981 and under section 25/26 of Water (Prevention & Control of Pollution) Act, 1974 was obtained from Rajasthan State Pollution Control Board (RSPCB) vide their letter no. F(Mines)/Jaisalmer (Jaisalmer) / 1950(1) /2016-2017/ 9029-9033 dated 20.12.2016 valid upto 31.07.2019 and application for renewal for next five years is submitted in March 2019 & pending with RPCB for its clearances. Regular Compliance reports of EC/Consents conditions are being submitted to the concerned authorities on regular basis.

6. The project proponent submitted that Review of Mining plan for the area is prepared and got approved by IBM, Gol. As per the latest Review of mining Plan approved by Regional Controller of Mines, Indian Bureau of Mines, Government of India, Ajmer vide letter No.584(4)(3)(1709)/2017-RCOM/AJM, dated 01.12.2017.

7. The project proponent submitted that for production of one tonne steel grade limestone around 2.7 tonne RoM limestone is required considering the recovery factor 45-47% (as also mentioned in mine plan/SOM). The mine is operating by opencast single benched mechanised mining method using shovel – tipper combination with DTH drilling & blasting. The RoM is processed (dry) by sizing & screening plants to produce steel grade limestone as per specifications i.e. 30-80 mm sized LD grade limestone having low silica (below 1.5% SiO<sub>2</sub>) & high calcium

carbonate ( plus 52.5% CaO) and hard & compact in nature or having good decipitation Index. The material is being supplied to steel plants in LD process.

8. The project proponent submitted that the water requirement is 40 KLD which will be met through transportation of water by tanker from nearby Rajasthan Canal (around 10 Km from mines). Permission for withdrawal of water from the canal has been obtained from the Rajasthan State Government vide letter dated 06.02.2017 for the water quantity of 120 Kilo litre/day.

9. The project proponent submitted that plantation has been developed over an area of about 72.0 ha in the mining lease area. Native plant species like Neem, Amaltash, Ashoka, Nimbu etc have been planted. The same will be maintained and enhanced in future. Plantation will be carried out along the periphery of the lease boundary, over the waste dump, dump slope, haul roads, nearby workshop & mine office etc. Local species will be planted after consultation with local forest officer and as per CPCB/RPCB guidelines.

10. The project proponent submitted that no forest area/protected area within the lease area.

11. The project proponent submitted that no court case is pending against this proposal. The project cost is Rs. 10 Crores. At present about 100 persons are engaged at Sanu-II limestone mine as direct employment and amendment in EC may generate indirect employment in transportation activities including tipper operator etc. There shall be substantial increase upto 15% in share of indirect employment in transportation activities.

12. The proposal was considered in 25<sup>th</sup> EAC meeting held during 22-24<sup>th</sup> December, 2020. Based on the documents submitted and presentation made by the project proponent and the consultant, the Committee **recommended** the proposal for amendment in Environmental Clearance letter no. J-11015/43/2006-IA.II (M) dated 6th August, 2007, for inclusion of ROM Limestone @ 2.73 million TPA on existing production capacity of steel grade Limestone @ 1.25 million TPA and removal of old subgrade limestone fines from already backfilled area with mine lease area of 998.4 ha located at Village Joga, Tehsil Ramgarh, District Jaisalmer, Rajasthan by M/s Rajasthan State Mines and Minerals Limited, keeping all terms and conditions same, with following specific conditions;

- (i) Since Steel grade lime stone (1.25 mtpa) is available only for one more year as per the submission of the PP, the EC is amended to extract the Steel grade lime for next one year with a permission to utilize or sale associated sub grade mineral up to a overall total of 2.73 MTPA as covered under EC already granted.

- (ii) The PP shall access the Dump containing 23.79 mtpa of sub grade mineral deposited till March 2020, only after one year for extracting sub grade mineral @ 2.73 MTPA (ceiling) till the validity of lease.
- (iii) PP needs to submit certified R.O. Compliance report.
- (iv) PP needs to apply fresh proposal after 5 years.

**List of members of Expert Appraisal Committee participated through VC**

S.No.	Member Name	Member Address	Designation	22 <sup>nd</sup> Dec, 2020	23 <sup>rd</sup> Dec, 2020	24 <sup>th</sup> Dec, 2020
1	Dr. S.R. Wate	Add. 148/149, Nagar Vikas Society, Narendra Nagar, Nagpur-440015, Maharashtra	Chairman	Yes	Yes	Yes
2	Dr. Ajay Deshpande	Building A-26, Flat-403, Happy Valley Homes, Manpada, Ghodbunder Road, Thane (West) - 400610, Maharashtra	Member	Yes	Yes	Yes
3	Shri B Ramesh Kumar	H-No. 6-1-134/6, Balram Compound, Padmarao Nagar, Secundrabad-500025, Andhra Pradesh	Member	Yes	Yes	Yes
4	Prof. S. Ramakrishna Rao	50-120-9/1, Tulasi Mani Regency North Extension, Seethammadhara, Visakhapatnam - 530013 Andhra Pradesh.	Member	Yes	Yes	Yes
5	Shri Santosh Gupta	Flat No. 405, Block –B, Gaur Green Vista, Nyay Khand -1, Indrapuram, Ghaziabad- 201014	Member	Yes	Yes	Yes
6	Dr. (Ms.) Asha Rajvanshi	Wildlife Institute of Inida, Chandrabani, Dehradun- 248001	Member	Yes	Yes	Yes

7	Shri G.P. Kundargi	Plot No. 32, MOIL Vatika, Chicholi Road, Fetri, Nagpur 441501, Maharashtra	Member	No	No	No
8	Dr. A.K. Malhotra	C-6, SubhavnaNiketan, Road No. 41, Pitampura, Delhi-110034	Member	Yes	Yes	Yes
9	Dr. Gurdeep Singh	Centre of Mining Environment, Department of Environmental Science & Engg. Indian Institute of Technology (Indian School of Mines), Dhanbad-826004	Member	Yes	Yes	Yes
10	Dr. Parimal Chandra Bhattacharjee	A/3 Asiyana Housing Complex Maligaon, Guwahati-781011, Assam	Member	Yes	Yes	Yes
11	Prof. MukeshKhare	Department of Civil Engineering, IIT, Delhi	Member	No	No	No
12	Mr. V. K. Soni	Government of India, Ministry of Earth Sciences, India Meteorological Department, MausamBhawan, Lodi Road, New Delhi – 110003	Member	Yes	No	Yes
13	Sh. Pankaj Kulakshethra	Regional Controller of Mines, IBM Block D, Second Floor, Indira Bhavan, Civil Lines, Nagpur - 440001	Member	No	No	No
14	Sh. AftabAhmend	Representative of DGMS, DMS, Room No. 201-203, II Floor, B- Block, CGO-II,, Hapur Rd, Kamla Nehru Nagar, Ghaziabad, Uttar	Member	No	No	No

		Pradesh 201002				
15.	Shri Pankaj Verma	2 <sup>nd</sup> Floor, Prithvi Block, Indira Paryawaran Bhawan, MoEF&CC, Jorbhag, New Delhi-110003	Member Secretary	Yes	Yes	Yes

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