

Minutes of 29th meeting of Expert Appraisal Committee for the proposal involving violation of EIA Notification, 2006 held on 30th - 31st December, 2019 at Conference Hall (Brahmaputra), First Floor, Vayu Wing, Ministry of Environment, Forest and Climate Change, Indira Paryavaran Bhawan, Jor Bagh Road, New Delhi - 110 003

Day 1: 30th December, 2019

Time: 10:00 AM

29.1. Opening remarks of the Chairman

29.2. Confirmation of the minutes of the 28th meeting held on 25th - 26th November, 2019 at Indira Paryavaran Bhawan, Jor Bagh Road, New Delhi

29.3 Proposal for consideration

29.3.1 Expansion of Leela Hotel at Diplomatic Enclave, Africa Avenue, Netaji Nagar, Chanakyapuri, New Delhi by M/s Hotel Leela Venture Ltd. - Further Consideration for Environmental Clearance [IA/DL/MIS/91171/2017 dated 11.01.2019] [F. No. 23-96/2018-IA-III(V)]

Project proponent along with the consultant (ASCENSO Enviro Pvt Ltd) made the detailed presentation on the project and *interalia* provided the following information:

M/s Hotel Leela Venture Ltd. has made online application vide proposal no. IA/DL/MIS/91171/2017 dated 11.01.2019 seeking Environmental Clearance for the above mentioned proposed project. The proposed project activity is covered under 'B' category of item 8(a) of the Schedule to the EIA Notification, 2006 and the proposal was appraised at Central level as SEIAA, Delhi is not functional.

The project is located at 28°34'48.16"N Latitude and 77°11'21.07"E Longitude (Centre of the project site). Earlier, the project was granted Environmental Clearance for total built-up area of 39,194.98 m² by Ministry of Environment and Forests, Govt. of India vide letter no.21-1211/2007-IA.III dated 13.06.2008.

The total plot area is 12,140sqm, FSI area is 27,189.95sqm and total construction (Built-up) area of 62,985.83 m². The project will comprise of 1 Building. Total 4B+G+Service Floor+11 Floors flats shall be developed. Maximum height of the building is 58.975sqm. *Construction of the projects site has already completed.*

During operational phase, total water demand of the project is expected to be 598 KLD and the same will be met by 361 KLD (60.43 KLD from ground water and rest from NDMC) fresh water from NDMC and 242 KLD Recycled Water. Wastewater generated (**302 KLD**) will be treated in-house STPs of total 400 KLD capacity. 242 KLD of treated wastewater will be recycled (46 KLD for flushing, 20 KLD for gardening, 8 KLD for DG Cooling and 163 KLD for HVAC Cooling Tower make-up & 5 KLD for outside greenbelt development).

About 0.7645 TPD solid waste will be generated in the project. The biodegradable waste (0.3058 TPD) will be processed in OWC and the non-biodegradable waste generated (0.4587 TPD) will be handed over to authorized local vendor.

Rooftop rainwater of building will be collected in 3 RWH tanks of total (4.0 x 3.2 x 1.75) KLD capacity for harvesting. Parking facility for four wheelers: 818 ECS. Project is not located within 10 km of Eco Sensitive areas and no forest land is involved.

Court case pending against the project: Court Case 13376/2018 was filed by State Pollution Control Board in the court of Chief Metropolitan Magistrate Central, THC, New Delhi Still pending for disposal. Investment/Cost of the project is Rs. 773.37 Crore for Enhanced Built-up area. Employment potential: 820

Project proponent submitted the EC application to the Ministry and was accepted on 08th Feb, 2019. Accordingly, proposal was considered in the **19th EAC held on 25th -26th Feb 2019**. PP along with the consultant made the detailed presentation.

EAC noted that the project had been granted Environmental clearance for total built up area of 39,194.98 sqm by the MoEF&CC vide letter no. 21-1211/2007-IA.III dated 13.06.2008. The total built up area has been enhanced to 62, 985.83 sqm without taking prior Environmental Clearance under EIA Notification 2006 and as amended thereof.

Based on the information as submitted and presented by the PP, the EAC deferred the proposal for want of following information:

- i. Separate remediation plans per the damage assessment to be prepared without including the cost of Environment Management Plan.
- ii. Noncompliance of earlier EC conditions is to be compiled and certified by the concerned Regional office of MoEF&CC.
- iii. Capital cost details is to be submitted for the existing and expansion proposal with proper justification.
- iv. Revised CER as per the Ministry's OM dated 01.05.2018 be submitted as per the revised capital cost for expansion proposal.
- v. Source of authorized water supplier shall be submitted.
- vi. Copies of MOU between the PP and authorized recycler shall be submitted for disposing of Non-Biodegradable and recyclable and hazardous waste.
- vii. Table showing the compliance to ECBC-2017 norms shall be submitted.
- viii. Solar power @ 1% of demand is required and commitment for the same shall be submitted.
- ix. The PP has to submit the proof of credible action taken by the concerned state government/ state pollution control board under the provisions of the section 19 of the Environment Protection Act 1986.
- x. Budget of remediation plan and natural and community resource augmentation plan corresponding to the ecological damage shall be completed within three years and to prepared accordingly.

Project proponent submitted the reply to the information sought by the EAC in 19th meeting on 06.07.2019. Accordingly, proposal was considered in the 24th meeting held during 22nd - 24th July 2019. PP made the detailed presentation on the information sought in the 19th EAC meeting. After detailed deliberation on the information as presented, EAC *deferred* the proposal for want of following information:

- i. The project proponent/consultant has to rework on damage assessment cost of all attributes, community resources augmentation and natural resources augmentation, addressing all the environmental attributes considering period of expanded construction which was done along with the EC approved area concurrently and operation from which period and the relevant CTO to be provided.
- ii. Year wise and activity wise CER is to be prepared with emphasis on capital expenditure.
- iii. Economic benefits derived for the operational year (9 years) is to be submitted.

- iv. Action plan for noncompliance of EC conditions.
- v. Status of credible action initiation.

Project Proponent submitted the reply to the information sought by the EAC in 24th meeting on 17.09.2019. Accordingly, proposal was listed in the 27th meeting held on 31st October - 1st November, 2019. However, PP during the meeting requested the EAC to consider the proposal in the next EAC meeting. EAC in view of PP request deferred the project.

PP during the present meeting made the detailed presentation on the information sought in the 24th EAC meeting. After detailed presentation on the information as presented, EAC observed that PP has reworked on damage assessment cost of all attributes and accordingly revised the cost of remediation, community resources augmentation and natural resources augmentation plan. EAC noted that PP submitted the total budgetary provision of Rs.7, 08, 18,000/- to be spent in three years on the proposed activities. EAC also noted the action plan submitted by the PP for noncompliance of EC conditions and MoEF&CC, RO observation dated 14.03.2019 on action taken report. R.O Lucknow observed that some partially/not complied EC conditions. However, EAC observed that partially/not complied EC conditions are on account of the violation of the project.

Further, based on the information presented by the PP, EAC advised PP to submit the following information on 31.12.2019:

1. Details of trees cut/ trees retained and total trees planted during construction and operation phase. Details of plants should include date of plantation, stage of growth, botanical name.
2. Permission from NMDC/DM to be submitted for use of ground water and supply water submitted letter to be submitted
3. Clarify 30% limit on ground water at full occupancy.
4. CER to be reduced to 3 years plan and cost based allotment in health sector, skill development and air purifier locations. All development must be in government institution including school and hospitals.

Accordingly, PP submitted the compliance to the above information sought by the EAC and same was presented before the committee. EAC noted that PP has submitted the details of no. of trees cut and planted, detailed water calculation on full occupancy of the hotel, revised CER plan. EAC, further noted that PP had submitted the permission letter dated 05.03.2014 for boring of one tube well by NDMC, New Delhi. PP also informed EAC that they had submitted letter to the Director, CGWA, New Delhi for the approval of ground water extraction.

In view of above, EAC in the 29th meeting held on 30th - 31st December, 2019, **recommended the proposal for grant of Environmental Clearance** subject to submission of copy of application submitted to concerned Chief Wildlife Warden for approval of Conservation Plan as Schedule I species (Peacock) is existing in the study area with the following specific conditions in addition to all standard conditions applicable for such projects:

- i.) EAC recommended for an amount of Rs.7, 08, 18,000/-/- towards Remediation plan and Natural and Community Resource Augmentation plan to be spent within a span of three years. The details are as given below:

REMEDIATION PLAN AND COST in Rupees

S. No.	Environmental Component	Remediation Proposed	Rate	Qty.	Total Cost	Year I	Year II	Year III	
1	Air Environment	Distribution of Air purifier	Air purifier	60,000	120	72,00,000	28,80,000	28,80,000	14,40,000
		Maintenance of Air purifier	Maintenance - 3 year @ 1500/month (Total 36 Months)	54,000	120	64,80,000	21,60,000	21,60,000	21,60,000
		Distribution of Sprinkler system	Sprinkler- 100 no. @ Rs. 1000/per pc	1,000	100	1,00,000	40,000	40,000	20,000
			Twin Filtration system - @ Rs. 15000/pc	15,000	10	150,000	50,000	50,000	50,000
			Pump -@ RS. 10000/pc	10,000	10	100,000	35,000	35,000	30,000
			Water Distributing Pipeline - 4200m@ Rs 165/m	165	4200	6,93,000	3,46,500	1,73,250	1,73,250
		Gas Connection	Gas connection in nearby village in 10 km radius	2500	750	18,75,000	8,00,000	8,00,000	2,75,000

		Health	Distribution of Machines / Furniture's in nearby Hospitals	15,00,000	1	15,00,000	5,00,000	5,00,000	5,00,000
		Plantation in Nearby area road	Plant -1500 @ 1500 (including maintenance)	1,500	1500	22,50,000	7,50,000	7,50,000	7,50,000
			Total			2,03,48,000	75, 61, 500	73, 88, 250	53,98,250
2	Water Environment	Rain Water Harvesting in nearby village	RWH-10 no (dia-4 & depth-4.5) @ 3,00,000/per RWH (including raw material, labour, profit, construction, pipeline)	3,00,000	11	33,00,000	11,00,000	11,00,000	11,00,000
		Maintenance of RWH	RWH-10 no. before monsoon and after monsoon for 3 year @ 5000/ year/ RWH	5,000	30	1,50,000	50,000	50,000	50,000
		Procurement RO Plant	RO plant -30 no. (1000 LPH) @ 2,00,000/per unit	2,00,000	30	60,00,000	30,00,000	15,00,000	15,00,000
		Awareness program	Awareness program on 5R	2,00,000	7	14,00,000	7,00,000	7,00,000	----
		Installation of RO plant	Installation Rs 5000/- per plant	5,000	20	100,000	60,000	20,000	20,000

		Maintenance of RO Plant	RO maintenance for 3 year @ 10,000/ year/ RO	10,000	60	6,00,000	2,00,000	2,00,000	2,00,000
			Total			1,15,50,000	51,10,000	35,70,000	28,70,000
3	Waste Management	Organic Waste Converter	Distribution in Nearby area	15,00,000	1	15,00,000	7,50,000	375,000	375,000
			Total			15,00,000	7,50,000	375,000	375,000
4	Noise Environment	Distribution of PPE to labour	Cost of 3,50,000/year	3,50,000	3	10,50,000	3,50,000	3,50,000	3,50,000
		Awareness program in nearby area for Noise	Cost of 500,000/year	500,000	3	15,00,000	5,00,000	5,00,000	5,00,000
			Total			25,50,000	8,50,000	8,50,000	8,50,000
5	Ecological Environment & Soil Environment	Development of Nehru Park in 1.4 km North Direction	Development of Nehru Park in 1.4 km North Direction			5,10,000	5,10,000
		Land reclamation of nearby area				5,10,000	5,10,000
			Total			10,20,000	10,20,000
			Total Remediation			3,69,68,000	1,52,91,500	1,21,83,250	94,93,250

			plan cost in Rupees						
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NATURAL RESOURCE & COMMUNITY RESOURCE AUGMENTATION PLAN & BUDGETARY PROVISION in Rupees

S.no	Component	Activity Proposed	Further Remarks	Rate	Quantity	Total Cost	Year I	Year II	Year III
1	Natural Resource Augmentation Plan (NRA)	Providing Solar Lighting in the village and School	9.5 KW solar Panel installation in nearby locations i.e. 200	Rs. 1,00,000	95	95,00,000	65,00,000	15,00,000	15,00,000
Sub- Total						95,00,000	65,00,000	15,00,000	15,00,000
2	Community Resource Augmentation Plan (CRAP)	Construction of sanitation facilities	95 numbers of toilets will be provided in nearby Villages in 10 km radius	Rs. 50,000	101	50,50,000	20,00,000	20,00,000	10,50,000
		Medical Check-up camp in nearby area	Medical health check-up camp for labours	Rs. 2,00,000	20	40,00,000	20,00,000	10,00,000	10,00,000
		Drinking Facility	RO Plant 20	Rs. 2,00,000	39	78,00,000	39,00,000	19,50,000	19,50,000

		Providing Computers in the schools	150 computers@30,000	Rs. 30,000	250	75,00,000	25,00,000	25,00,000	25,00,000
						2,43,50,000	1,04,00,000	74,50,000	65,00,000
Total (NRA+CRAP) cost in Rupees						3,38,50,000	16900000	8950000	8000000

COST SUMMARY in Rupees

S.NO	ITEM	Total Cost	Year I	Year II	Year III
1.	Cost On Remediation Plan Based On Damage Assessment Due To Violation	3,69,68,000	1,52,91,500	1,21,83,250	94,93,250
2.	Natural Resource Augmentation Plan	95,00,000	65,00,000	15,00,000	15,00,000
3.	Community Resources Augmentation Plan	2,43,50,000	1,04,00,000	74,50,000	65,00,000
	Total cost in Rupees	7,08,18,000	3,21,91500	2,11,33,250	1,74,93,250

- ii.) Total budgetary provision with respect to Remediation plan and Natural & Community Resource Augmentation plan is Rs.7, 08, 18,000/-
- iii.) Therefore, project proponent shall be required to submit a bank guarantee of an amount of Rs.7, 08, 18,000/-towards Remediation plan and Natural and Community Resource Augmentation plan with the SPCB prior to the grant of EC.
- iv.) Remediation plan shall be completed in 3 years whereas bank guarantee shall be for 5 years. The bank guarantee shall be released after successful implementation of the EMP and after the recommendation by regional office of the Ministry, Expert Appraisal Committee and approval of the Regulatory Authority.
- v.) As per the Ministry's Office Memorandum F. No. 22-65/2017-IA-III dated 1st May, 2018 and proposed by the project proponent, an amount of Rs 362.498 lakhs shall be earmarked under Corporate Environment Responsibility (CER) for the activities such as Infrastructure creation for drinking water supply in rural Areas (Rs. 35.00 lakhs), Health Check-up Machines (Rs. 65.0 lakhs), Solar Light in the rural Areas (Rs 20.0 lakhs), Rain water Harvesting in surrounding areas (Rs 110.0 lakhs), Waste management (Rs. 15.0 lakhs), Sanitation and waste Management (Rs. 20.0 lakhs), Plantation & Horticulture (Rs 45.0 lakhs), Infrastructure creation in Nearby Govt. School & skill development program for 10/12 pass candidates preferably from EWS Community (Rs. 52.498 lakhs). The activities proposed under CER shall be restricted to the affected area around the project. The entire activities proposed under the CER shall be treated as project and shall be monitored. The monitoring report shall be submitted to the regional office as a part of half yearly compliance report, and to the District Collector. It should be posted on the website of the project proponent.
- vi.) Approval/permission of the CGWA/SGWA shall be obtained before drawing ground water. State Pollution Control Board (SPCB) concerned shall not issue Consent to Operate (CTO) till the project proponent obtains such permission.
- vii.) Project proponent shall take necessary other clearances/permissions under various Acts and Rules if any, from the respective authorities / department.
- viii.) PP shall implement RWH system as per the building code and guidelines.
- ix.) PP shall comply with ECBC of 2017 applicable for commercial buildings.
- x.) PP shall generate @1% of solar power/renewable energy, of the total demand.
- xi.) Conservation plan for Schedule I species as approved by the Chief Wildlife warden shall be implemented.

29.3.2 Cluster of Godavarikhani No. 1&3 Inclines, Godavarikhani No. 2&2A Inclines and Godavarikhani No.5 Incline, Telangana by M/s Singareni Collieries Ltd.- for Environmental Clearance [IA/TG/CMIN/131588/2017] [F.No.23-78/2018-IA-III(V)]

The Singareni Collieries Company Limited (SCCL) is operating four underground and one opencast mines viz. GDK-1&3 (operating from 1959), GDK 2&2A (operating from 1960), GDK-5 (operating from 1961) and GDK-11 Inclines and Medapalli Opencast in Ramagundam-I area of Peddapalli District, Telangana State.

Present proposal involves underground coal mining operations from Cluster of three operating underground coal mines namely Godavarikhani (GDK) No. 1&3, GDK-2&2A and GDK-5 Incline with a combined production capacity of 1.734 MTPA in villages Janagaon, Musthyala, Jallaram, Sundilla, Mandal Ramagundam, district Peddapalli over a mine lease area of 1356.85 ha.

Earlier, this cluster of mines was proposed for obtaining Environmental clearance. An application in Form-1 was made to MoEF&CC on 08.06.2012, ToR was issued on 14.12.2012 by the sectoral EAC and Public Hearing was conducted on 20.12.2013 and final EMP was submitted on 03.03.2014 to Coal Mining sector for issue Environmental Clearance. However, the proposal was delisted by MoEF&CC and State Government was requested to initiate credible action on the violation under E(P) Act,1986.

In accordance with S.O. No.804 (E), dated 14th March, 2017, an application in Form-I was submitted to MoEF&CC and deliberated in the 3rd EAC meeting for violation category on 21st-22nd March, 2018 and ToR was issued on 26.06.2019. As per the issued ToR, draft EIA/EMP was prepared and public hearing was conducted on 28.11.2019. Final EIA/EMP was submitted to the violation sector for grant of Environmental Clearance.

Project proponent along with the consultant EPTRI made the detailed presentation on the project and inter-alia provide the following information:

1. **Name of the Company, Address Tele No. & E-mail :-**The Singareni Collieries Company Limited, B. Bhaskara Rao Director (Planning & Projects), The Singareni Collieries Company Limited, Kothagudem Collieries – 507101, Bhadradi Kothagudem District, Telangana State, dpp@scclmines.com, Land: 08744 – 242602, Fax: 08744 – 242724
2. **If a Joint venture, the names & addresses of the JV partners :-** NO
3. **Latitude and Longitude of the project:-**

Coordinates	GDK 1&3	GDK 2&2A	GDK 5
Latitudes	18 ⁰ 45'24" to 18 ⁰ 46'53" N	18 ⁰ 44'42" to 18 ⁰ 45'42" N	18 ⁰ 43'38" to 18 ⁰ 45'19" N
Longitudes	79 ⁰ 30'25" to 79 ⁰ 32'29" E	79 ⁰ 31'15" to 79 ⁰ 32'38" E	79 ⁰ 31'17" to 79 ⁰ 33'14" E
Topo Sheet Nos.	56 N/9	56N/9 & 56N/10	56N/9 & 56N/10

4. Whether the project is in the Critically Polluted Area (CPA) :- NO

5. Cost of the project :- Additional capital cost proposed for operating these mines are ₹ 28.61 Crores.

	GDK 1&3	GDK 2&2A	GDK 5
<i>Year of starting</i>	<i>1959&1960</i>	<i>1960&1974</i>	<i>1961</i>
<i>Amount</i>	Rs.12.20 Crores	Rs.9.79 Crores	Rs.6.62 Crores

6. Employment generated / to be generated.:-

GDK 1&3	GDK 2&2A	GDK 5
1214	1775	1342

7. Benefits of the Project:-To meet the coal requirements of thermal power plants of Telangana State.

8. Whether new or Expansion project, If expansion: Combined production capacity of 1.734 MTPA

GDK 1&3	GDK 2&2A	GDK 5
0.486	0.648	0.600

9. No. and Date of ToR letter issued by MoEF (if this is a case for EC)
F. No.23-78/2018-IA(III), dt.26th Jun, 2019

10.If the project was considered in EAC, Pl give dates of the meeting (s)
:- 3rd EAC on 21st–22nd March, 2018 for issue of ToR.

11.Type of Mine: (Opencast / Underground / mixed :- Underground Coal Mine

12.Capacity of the mine applied for :-

GDK 1&3	GDK 2&2A	GDK 5	Total
0.486 MTPA	0.648 MTPA	0.600 MTPA	1.734 MTPA

13.ML Area

- (a) As per block allotment :- Not Applicable
- (b) As per approved mine plan

GDK 1&3	GDK 2&2A	GDK 5	Total
541.66 ha.	282.76 ha.	532.43 ha.	1356.85 ha.

14. Date of approval of mine plans, status & date:- Mining Plan & Mine Closure Plan of GDK No. 1&3 was approved by MoC vide No. 13016/2/2006-CA-II dated 17.10.2014.

Mining Plan & Mine Closure Plan of GDK No. 2&2A was approved by MoC vide No. 13016/2/2006-CA-II dated 17.10.2014.

Mining Plan & Mine Closure Plan of GDK No. 5 was approved by MoC vide No. 13016/6/2013 dated 25.11.2014.

15. Date of Board's approval Approved vide Minute No.521:5:2 on 02.05.2014.

16. Date of Ground Water Clearance and surface water approval 18.02.2014

17. Existing Ground water level in (M) 1.10 to 12.81 m Pre – Monsoon, 1.02 to 11.07 m Post – Monsoon

18. Date of mine closure approval GDK No.1&3 - 17.10.2014, GDK No.2&2A - 17.10.2014, GDK No.5 - 25.11.2014

19. Any river / Nallah flowing near or adjacent to the proposed mine. If yes, please give details. :- River Godavari flows adjacent to lease area (in the buffer zone) along East - West direction and is situated towards North side of the property. Highest Flood Level (HFL) of the same, recorded in the year 1995, was 835.95m. The RL of the pit mouth of GDK No.1 Incline is 852.885m, GDK No.3 Incline is 850.008m, GDK 2 Incline is 857.217, GDK 2A Incline is 851.02, GDK 5 Incline is 855.60.

Details of mine lease: - South Godavari mining Lease

Original lease:

1. Date of entering into original lease deed: 17.10.1927
2. Date of expiry of original lease deed :16.10.1957

1st Renewal:

1. Date of 1st lease renewal: 29.11.1958
2. Whether renewal or deemed renewal: Renewal (17.10.1957 to 31.12.1984)
3. Date of expiry of 1st lease renewal/deemed renewal: 31.12.1984

2nd Renewal:

1. Date of 2nd lease renewal: 11.06.1986
2. Whether renewal or deemed renewal: Renewal (01.01.1985 to 31.12.2014)
3. Date of expiry of 2nd lease renewal / deemed renewal :31.12.2014

3rd Renewal:

1. Date of 3rd lease renewal: 12.01.2015
2. Whether renewal or deemed renewal: Renewal (01.01.2015 to 31.12.2034)
Date of expiry of 3rd lease renewal / deemed renewal :31.12.2034

II. TECHNICAL DETAILS

20. Geological Reserve:

- i. Total Geological Reserves: -

GDK 1&3	GDK 2&2A	GDK 5	Total
154.26 MT	80.53MT	151.64 MT	386.43MT

- ii. Mineable reserve

GDK 1&3	GDK 2&2A	GDK 5	Total
117.45 MT	61.31 MT	115.45 MT	294.21M T

- iii. Extractable Reserves

GDK 1&3	GDK 2&2A	GDK 5	Total
40.92 MT	21.36 MT	40.22 MT	102.5 MT

- iv. Balance Extractable Reserves (As on 01.04.2019)

GDK 1&3	GDK 2&2A	GDK 5	Total
21.84 MT	8.94 MT	16.51 MT	47.29

- v. Range of ground water level Pre monsoon : 1.10 m to 12.81 m
Post monsoon: 1.02 m to 11.07 m
- vi. Total estimated water requirement

GDK 1&3	GDK 2&2A	GDK 5	Total
1140 KLD	1849 KLD	3445 KLD	6434 KLD

- vii. Details of intersecting ground water level.

Mine	GDK 1&3	GDK 2&2A	GDK 5
Depth in m	8.33	9.04	9.04
RL	841.07	848.17	848.46

21. Details of deposits Seams

- i. No of seams

GDK 1&3	GDK 2&2A	GDK 5
1, 2, 3A, 3 & 4	1, 2, 3A, 3 & 4	3A, 3 & 4

ii. Thickness of seams to be worked on

Seams	GDK - 1&3	GDK - 2&2A	GDK - 5
1 Seam	4.5m - 5.0m	5.98 m	-
2 Seam	6m	3.8m - 4.2m	-
3A Seam	1.8m - 2.2m	1.5m - 1.6m	1.6m - 1.8m
3 Seam	6m	7.7m - 7.9m	7.0m - 8.0m
4 Seam	3.5m - 4.0m	4.1m - 4.5m	3.6m - 4.0m

iii. Grade of Coal

GDK 1&3	GDK 2&2A	GDK 5
G'2' and G'9'	G-'7' and G-'9'	G-'7'

iv. Average Stripping ratio: Not Applicable

v. Category of gaseousness: Degree I

vi. Average gradient: 1 in 3 to 1 in 5.5

vii. Maximum thickness of seams

Seams	GDK - 1&3	GDK - 2&2A	GDK - 5
1 Seam	5.0m	5.98 m	-
2 Seam	6.0m	4.20m	-
3A Seam	2.2m	1.60m	1.8m
3 Seam	6.0m	7.90m	8.0m
4 Seam	4.0m	4.50m	4.0m

22. Method of mining: The proposal is for extracting coal by adopting semi mechanized method of Bord and pillar mining with LHDs and SDLs by stowing.

23. Life of mine as on 01.04.2019 GDK 1&3 Incline : 58 Years

GDK 2&2A Incline : 14 Years

GDK 5 Incline : 31 Years

24. Whether ambient air quality seasonal data has been documented. If so from which season to which season and whether the results are within the prescribed limits. Yes.

Post Project Environmental Monitoring for Ambient air quality is being documented and the results are within the prescribed limits.

25. Whether the certificate of compliance of the earlier EC from MoEF Regional Office has been obtained, if the proposal is for expansion:- Not applicable as the proposal is for obtaining EC for the first time.

26. Details of OB :- Not Applicable as these are underground mines.

27. Details of Internal Dumps: - Not Applicable as these are underground mines.

29a. Utilization potential of wastes

(i) Within the mines: - The solid waste was generated during tunneling, shaft sinking, etc.

(ii) Outside mines: - The separation of Shale/stones etc. at CHP

(iii) Efforts made by proponent: - The solid waste produced during drivage of tunnels and debris so produced from inter-seam drifts was utilized for underground track ballasting, leveling of the uneven floors and strengthening of surface bank head. As these mines are being operated from 1959, no appreciable quantity of solid waste is anticipated further.

28. Details of final Mine Voids: -Not applicable as these are underground mines.

29. Details of Quarry: - Not applicable as these are underground mines.

30. Details of Land usage: -

i. Pre-mining: -

S. No	Land Use of Lease Area	GDK 1 & 3	GDK 2 & 2A	GDK 5	Total
1.	Forest Land	Nil	Nil	Nil	Nil
2.	Agricultural land	232.12	61.08	59.21	352.41
3.	Waste Land	165.65	111.27	135.67	412.59
4.	Grazing Land	58.27	76.67	325.82	460.76
5.	Water Bodies	45.24	26.80	6.73	78.77
6.	Built up area	40.38	6.94	5.00	52.32
Total		541.66	282.76	532.43	1356.85

ii. Core Area (Present Land Use) :-

Sl. No	Description	Area in ha.			
		GDK 1&3	GDK 2&2A	GDK 5	Total
1.	Pit head infrastructure	4.32	4.87	6.05	15.24
2.	Infrastructure for area administration (MVTC, Stores, CHP, etc.)	5.60	6.27	0.67	12.54
3.	Approach Roads	12.24	5.88	18.34	36.46
4.	Township/ colony	6.00	Nil	Nil	6.00
5.	Sand Stock Yard & stowing bunker	22.60	20.50	47.43	90.53

6.	Plantation Existing	62.71	107.46	128.60	298.77
7.	Plantation proposed	27.20	14.75	205.12	247.07
8.	Other purpose	54.87	42.24	39.68	136.79
	Total	195.54	201.97	445.89	843.40

Post Mining Land Use

Sl. No.	Land Use details of Acquired Land	Proposed change to plantation in ha.		
		GDK 1&3	GDK 2&2A	GDK 5
1.	Pit head infrastructure	4.32	4.87	6.05
2.	Sand Stock Yard and stowing bunker	22.60	20.50	47.43
3.	Existing Plantation	62.71	107.45	128.60
4.	Plantation proposed	27.20	14.75	205.12
5.	Any other (pl. specify)	44.23	42.24	34.68
	Land use SCCL Acquired Land	161.06	189.81	421.88
Total		772.75 ha (Out of 843.40 ha of present land use, 772.75 ha will be Planted at closure stage)		

31. Details of Forest issues :- Not applicable

32. Cost of the Project.:-

i. Total Capital cost :- Additional capital cost proposed operating these mines are ₹ 28.61 Cr

GDK 1&3	GDK 2&2A	GDK 5
Rs. 12.20 Crores	Rs. 9.79 Crores	Rs. 6.62 Crores

ii. Cost of Production (Rs/tonne) :-

GDK 1&3	GDK 2&2A	GDK 5
5189	6386	4950

iii. Sale Price (Rs/tonne) :-

GDK 1&3	GDK 2&2A	GDK 5
2582	2518	2721

iv. CSR cost :- As per Companies Act, 2013 and Companies Social Responsibility Policy Rules - 2014, SCCL is spending 2% of its average annual net profit calculated in accordance with the provisions of Section 198 of the Act made during three immediately preceding financial years in pursuance of its CSR policy on CSR activities each financial year.

In addition, an amount of Rs. 703.74 crores (from February 2016 - April 2019) was deposited with District Collector, Peddapalli, under District Mineral Foundation Trust (DMFT).

- v. R&R Cost No R&R is involved.
- vi. No of PAFs Not Applicable
- viii. Environmental Management cost :-

GDK 1&3	GDK 2&2A	GDK 5
Rs. 100.00 Lakhs	Rs. 50.00 lakhs	Rs. 100.00 Lakhs

33. Details of transportation of coal

- i. In pit From pit to pithead by belt conveyors/ haulage
- ii. Surface to siding Up to CHP/Siding by trucks 0.5 km - 2.0 km
- iii. Siding to loading Loading to Rail way wagons through pre-weigh bin at CHP.

34. Details of reclamation

- a. Total Afforestation plan shall be implemented covering an area of -----ha. at the end of mining. This will include:

GDK 1 & 3 Incs.	GDK 2 & 2A Incs.	GDK 5 Inc.
161.06 ha	189.81 ha	421.88 ha
772.75 ha		

- i. Reclaimed external OB dump Not Applicable
- ii. Internal Dump in ha. Not Applicable
- iii. Green belt in ha. 772.75 ha
- iv. Density of the plantation (in no. of plants) 2500 Plants/ha.

35. Detailed Status of Progressive Mining Closure Plan (For expansion projects only)

- a) Implementation of various activities as per approved progressive mine closure plan (in Bar chart) All the activities are being carried out as per the progressive mine closure plan.
- b) Any deviation from the approved Progressive Mine Closure Plan. Nil
- c) Total area excavated (in ha.) Not Applicable
- d) Total area backfilled after excavation (in ha.) Not Applicable
- e) Total area reclaimed (in ha.) 515.00 ha (Plantation till 31.03.2019)

36. Any court cases pending. If so, please provide a list with details as annexure.:- Nil.

37. Any violation cases pending: As per the Terms of Reference given by MoEF&CC, the State Government / SPCB has to take action against the Project Proponent under the Provisions of the Environment (Protection) Act, 1986.

The State Government has directed SPCB to take appropriate action in this regard. Accordingly, TSPCB, Hyderabad advised all the Regional Offices of the concerned districts to take action.

38. Give the details of actual production vis-à-vis sanctioned capacity since inception of mine in following format:

Year	EC Sanctioned Capacity (MTPA)	Actual Production (MTPA)			Excess production beyond the EC sanctioned capacity (MTPA)		
		GDK 1&3	GDK 2&2A	GDK 5	GDK 1&3	GDK 2&2A	GDK 5
1993 - 94	These three are working 1993 - 94 Base levels	0.344	0.450	0.360			
1994 - 95		0.391	0.485	0.324	0.047	0.024	--
1995 - 96		0.349	0.384	0.267	0.005	--	--
1996 - 97		0.378	0.427	0.300	0.034	--	--
1997 - 98		0.350	0.385	0.301	0.006	--	--
1998 - 99		0.369	0.415	0.290	0.025	--	--
1999 - 2000		0.367	0.385	0.308	0.023	--	--
2000 - 01		0.404	0.426	0.331	0.060	--	--
2001 - 02		0.376	0.395	0.405	0.032	--	0.049
2002 - 03		0.343	0.327	0.443	--	--	0.087
2003 - 04		0.300	0.336	0.478	--	--	0.122
2004 - 05		0.337	0.325	0.462	--	--	0.106
2005 - 06		0.304	0.306	0.512	--	--	0.156
2006 - 07		0.162	0.307	0.363	--	--	0.007
2007 - 08		0.271	0.368	0.454	--	--	0.098
2008 - 09		0.298	0.367	0.478	--	--	0.122
2009 - 10		0.307	0.451	0.501	--	--	0.145
2010 - 11		0.342	0.550	0.485	--	0.089	0.129
2011 - 12		0.264	0.452	0.437	--	--	0.081
2012 - 13	0.272	0.467	0.495	--	0.006	0.139	
2013-14	0.290	0.364	0.475	--	--	0.119	
2014-15	0.287	0.339	0.443	--	--	0.087	
2015-16	0.254	0.337	0.382	--	--	0.026	
2016-17	0.228	0.455	0.382	--	--	0.026	
2017-18	0.236	0.294	0.290	--	--	--	
2018-19	0.210	0.312	0.315	--	--	--	

III. PUBLIC HEARING ISSUES

39. Date and Place of Public hearing :-Public hearing was held on 28th November 2019 at MVTC, Near GDK-5 Incline, Godavarikhani, Peddapalli Dist. Telangana State.

40. The designation of officer presided our the PH :- Joint Collector

41. Issues raised during Public Hearing and Assurance given along with financial provisions, if any, by the project proponent (Please attach as an annexure in a

tabular form.) :- Issues raised during Public Hearing and assurances is submitted in the EIA/EMP report.

42. Number of representation received in writing from the district and outside of district, please give details. : -64 nos. of written representations were received from the district.

IV. Consultant

43. Name of the EIA consultant who prepared the EIA/EMP report : -Environment Protection Training and Research Institute (EPTRI), Hyderabad.

44. Whether the consultant has been accredited by the QCI and NABET as per the MoEF OM dated 2nd December, 2009: - Yes

Certificate No. NABET/EIA/1922/RA0143, dated 06.12.2019 valid up to 29.05.2022.

EAC in the present meeting (29th) deliberated on the information submitted (Form 2, EIA/EMP report/Public Hearing details etc) and as presented by the project proponent. EAC observed that GDK-1&3 mine exceeded the 1993-94 base level production (0.344MT) in 1994-95. Similarly, GDK-2&2A mine exceeded the 1993-94 base level production (0.45 MT) in 1994-95 and GDK-5 mine exceeded the 1993-94 base level production (0.36 MT) in 2001-02. Since the instant proposal is for the cluster not for the individual mine leases, Environmental clearance to the instant project is applicable since 1994-95.

EAC, after detailed deliberation on the information submitted and as presented in the 29th meeting held on 30th - 31st December, 2019, **deferred** the proposal for want of following information:

1. In the declaration by Experts contributing in preparation of EIA/EMP, it was observed that two EIA coordinators and FAEs names mentioned without their category of eligibility in preparation of EIA/EMP report. Hence EIA consultant organization has to submit revised declaration with experts with their category.
2. Field visit photographs of concerned EIA coordinator involvement during site visit particularly in collection of BLD along with SE&EB functional area experts.
3. As per the Annexure-3D of health status collected from District Medical & Health officer the letter dated 16.10.2018, but actual BLD was collected in March 2019 to May ,2019, please clarify in this regard. In this annexure the data furnished is entire Peddapalli district surrounded by SCCL mines and also mentioned that some data will be furnished in due course. Submit 3 years' baseline health status data within 5 km radius of the proposed project with integrated socio economic profile of the study area with QOL comparison between 1993/94 and 2018/19.

4. Submission of surface contour plan and water danger plan as approved by DGMS.
5. Submission of land use details pre and present and post mining for entire land 1356.85 Ha with LULC comparison as interpreted through Satellite imagery.
6. Distance of Sivaram Wildlife Sanctuary from boundary of cluster of mine and the certification if it is around 10 kms from core zone boundary.
7. Compliance of earlier ground Water Clearance issued on 18.02.2014. Submit the 3D ground water modelling studies and the impact due to pumping of ground water from these mines based on modelling.
8. Revised ground water clearance if obtained from concerned Authority.
9. Protective measures taken against inundation as approved by DGMS since the river Godavari is flowing adjacent to the mining lease area.
10. Air quality prediction modeling studies based on CMPDI emission factors considering the impact due to handling and transportation of coal for peak production capacity for 1.734 MTPA without control and with control measures and details of air emission year wise of violation period collectively as per the annexure.
11. Air quality monitoring locations table showing the distance and direction wrt to predominant wind directions.
12. During presentation it was mentioned that air quality locations stations are identified based on annual Wind rose data but this details are not furnished in the EIA/EMP report and same to be submitted.
13. Revisit the data of chemical characteristics of coal.
14. Certified CFO compliance report to be obtained from concerned regional office of SPCB.
15. Proposed STP details like capacity and technology.
16. Heavy metals concentrations in the mineralogical composition of RPM is to be rechecked.
17. Capital cost of the project with certificate from finance department of the company to be submitted and also EMP capital and recurring cost incurred yearwise if spent to be submitted.

18. Flowsheet of water treatment and other water management (ground and surface water) system with detailed quantity shall be submitted.
19. Submit in tabular form the gist of written representations received in the public hearing along with commitment by project proponent with time bound action plan
20. Revised CER cost along with the activities based on revised capital cost to be prepared. CER details excluding the activities proposed under CSR with time bound implementation (maximum three years) shall be submitted.
21. Presentation to be made as per the specific ToR and standard ToR issued to the project.
22. Plantation and Green Belt details with the name of species and photographs.
23. Declaration about that no Schedule I species in the core and buffer zone of the proposed project with the list of flora and fauna in the required format.
24. Social Impact Assessment and R&R, if any details to be submitted in the chapter 7 of the EIA/EMP report as per the generic structure
25. As suggested by the committee, revised remediation plan, community and natural resource augmentation plan should be submitted. Activities along with the budgetary provision proposed under remediation plan should be revisited.
26. Details as per Annexure XI as mentioned in the agenda shall be submitted for the violation period.
27. Status of credible action.

29.3.3 Internal discussion for appraisal of proposal relating to violation of EIA Notification, 2006 - Further consideration

EAC members discussed on the draft guidelines for preparation of damage assessment, remediation plan, natural and community resource augmentation plan and its quantification in Monetary Terms. Chairman in the last meeting advised to make presentation in the next EAC meeting. Accordingly, presentation was made before the committee. Comments as suggested by the members were incorporated in the draft guidelines.

Day 2: 31st December, 2019

29.4.1 Expansion of Sugar Factory from 5,000 TCD to 10,000 TCD by M/s Deshbhakt Ratnappa Kumbhar Panchganga Sahakari Sakhar Karkhana Ltd. (D.B.R.K. Panchganga S.S.K. Ltd.) leased unit of M/s Shree Renuka Sugars Ltd. (SRSL)

located at Ganganagar, Ichalkaranji, Taluka Hatkanangale, District Kolhapur, Maharashtra - Terms of Reference [IA//MH/IND2/72035/2018] [F. No. J-11011/116/2017-IA.II (I)].

Project proponent along with the consultant made the detailed presentation in the present meeting (29th) and interalia provide the following information:

Deshbhakt RatnappaKumbhar Panchganga Sahakari Sakhar Karkhana Ltd. (D.B.R.K. Panchganga S.S.K.L.) leased unit of Shree Renuka Sugars Ltd. is located at Ganganagar, Ichalkaranji, Tal.: Hathkanangale, Dist. Kolhapur.

All Sugar Unit are listed at S.N. 5(j) of Schedule of Environmental Impact Assessment (EIA) Notification under category 'B' but due to applicability of General Condition i.e. project location is 4.8 km from Interstate boundary Maharashtra – Karnataka, hence project appraised at Central Level by Expert Appraisal Committee (EAC).

PP in the present (29th meeting) EAC meeting informed that SRSI took over 5000 TCD Sugar Factory on Lease; Sick & Non-Profit Enterprise of DBRK was Revived by Infusing Rs.69 Cr. Total Investment from SRSI in 2011 was Rs. 223.73 Cr. SRSI Modernized Old Industrial infrastructure by replacing dilapidated & outdated machinery & equipment without new construction at site. New Process Technologies & Methodologies; Hi-Tech Manufacturing Techniques incorporated to enhance Efficiency and Conserve Resources (water, power, fuel etc.).7 Low Pressure & Small Capacity Boilers (16-35 TPH) Replaced by 1 High Pressure, Big Capacity & Efficient Boiler (140 TPH). Earlier 4 Stacks (25 – 50 M) Replaced by 1 New Stack (75 M AGL). Pollution Control Infrastructure Modernized and Upgraded. During testing, trials and running of Modernized Plant & Machinery; crushing went beyond consented 5000 TCD. Excess crushing noticed by MPCB & directed not to cross the consented limits of 5000 TCD. Industry submitted Board Resolution; Affidavit (April 2017) & BG of Rs. 25 Lakhs (for not doing excess crushing). MPCB filed a Court case for excess crushing in Dec.2016.On 24.10.2019 MPCB released Rs.25 Lakhs BG against Excess Crushing.

Further, project proponent informed that proposal for 7500 TCD capacity was earlier considered by the sectoral EAC in 22nd EAC Meeting for grant of ToRs. ToRs Letter issued for Sugar Factory expansion 5000 TCD to 7500 TCD on 30.08.2017. ToRs amendment application was then submitted to the Ministry for Sugar Expansion (5000 to 10,000 TCD). In 32nd sectoral EAC meeting; it was directed to submit fresh application for 10,000 TCD. Fresh Form-I for 10,000 TCD was submitted to MoEF&CC on 03.01.2018. Standard ToR was granted on 22.02.2018. Public Hearing was conducted on 04.09.2018. Final EIA submitted to MoEF&CC on 13.11.2018. Proposal was then considered in 1st sectoral EAC Meeting (20.12.2018) for EC wherein PP informed about – (1) Excess Crushing done in 2015-16 & 2016-17, and (2) Court Case filed by MPCB for same.

The existing unit of D.B.R.K. Panchganga S.S.K. Ltd. comprises of 5000 TCD and 30 MW co-gen. The management of D.B.R.K. Panchganga SSKL has planned to go for

expansion of sugar factory from 5000 TCD to 10,000 TCD (increased by 5000 TCD). The proposed expansion shall be carried out in existing premises of industrial unit.

The total water requirement for existing and proposed expansion project would be 2330 CMD. Out of which, 2280 CMD would be cane condensate water. No fresh water will be required for expansion of 10,000 TCD crushing.

The details of the products presently manufactured and after the proposed expansion are reported to be as under: -

Product & By-product	Quantity		
	Existing (5000 TCD)	Proposed Expansion (5000 TCD)	Total (10000 TCD)
Sugar and Cogeneration Unit			
Sugar (MT/D)	650	650	1300
Molasses (MT/D)	225	225	450
Bagasse (MT/D)	1500	1500	3000
Press Mud (MT/D)	200	200	400
Electricity (MW)	30	--	30

The total land acquired by D.B.R.K. Panchganga S.S.K. Ltd. is 5,94,651.39 Sq.M. (59.4 Ha). For expansion activity most of infrastructure from existing unit like Admin Building, Cane Yard, Water Reservoir, Store, and Sugar Godowns etc. would be used. Some new equipment's would be purchased under proposed expansion unit.

The domestic effluent generated under existing sugar and co-gen unit is 45M³/Day. The domestic effluent of existing unit is treated in septic tanks followed by soak pits. After expansion, the domestic effluent of existing and proposed sugar and co-gen unit would be treated separately in proposed STP to be provided on site.

The trade effluent generated from existing and expansion activities shall be treated in existing ETP. The existing ETP comprises of primary, secondary treatment unit operations viz. oil skimmer, anaerobic tanks, aeration tank, Sec. clarifier, pressure sand filter, activated carbon filter, treated water sump and sludge drying beds

Under the existing sugar and co-gen unit, a boiler of 140 TPH and D.G. Set of capacity 1010 KVA is installed. Bagasse to the tune of 63.6MT/Hr is used as fuel for boiler for generating steam required for co-gen, sugar factory operations. No boiler shall be installed under expansion unit.

The capital investment of the existing sugar and co-gen unit is Rs. 223.73 Crores whereas the investment for sugar factory expansion would be Rs. 80.90 Crores. Total cost after expansion is Rs. 304.63 Crores.

It is reported that no National Parks, Wildlife Sanctuaries Biosphere Reserves, Tiger/Elephant Reserves, Wildlife Corridors etc lies within 10km distance.

Based on the information presented by the PP and available in the file, EAC in the present meeting observed that the proposal for EC was considered by the sectoral EAC in its meeting held in December, 2018 wherein the committee noted that the monitoring report on compliance status of EC conditions has been forwarded by the Regional Office at Nagpur vide their letter dated 20th August, 2018. The said report contains the following observations: -

‘As per the consent to operate granted by MPCB, PP carried out excess crushing over 5000 TCD without obtaining environmental clearance from Government of Maharashtra. Project proponent has been directed to submit Board resolution and bank guarantee to MPCB within 15 days of the issue of above consent to operate letter. The project proponent submitted affidavit vide dated 4th May, 2017 stating that excess crushing will not be carried out in future’.

The EAC in the present meeting deliberated on the information submitted and especially observations of the Ministry’s Regional Office regarding excess cane crushing (more than the consented capacity of 5000 TCD). EAC noted that PP started Modernization & Upgradation of earlier Old infrastructure by replacing dilapidated & outdated machinery & equipment. Because of new & modernized set up of 5000 TCD, PP undergone extra crushing beyond the consented capacity without taking prior environmental clearance under EIA Notification 2006, hence violation of EIA Notification 2006. EAC further noted that MPCB in December 2016 filed a Court case (no. 132/2016) in the court of Chief Judicial Magistrate, Kolhapur under the E (P) Act 1986 for violation of Notification 2006.

The EAC, after detailed deliberations in the 29th meeting held on 30th - 31st December, 2019, on the proposal in terms of the provisions of the MoEF&CC Notification dated 14th March, 2017, confirmed the case to be of violation of the EIA Notification, 2006 and **recommended for issuing Standard Term of Reference along with the following Specific Term of Reference** for undertaking EIA and preparation of Environment Management Plan (EMP):

- i. Status of Court case filed by the MPCB against the PP under the Environment (Protection) Act, 1986 for violation of EIA Notification 2006, shall be submitted
- ii. The project proponent shall be required to submit a bank guarantee equivalent to the amount of remediation plan and natural and community resource augmentation plan with the SPCB prior to the grant of EC. The quantum shall be recommended by the EAC and finalized by the regulatory authority. The bank guarantee shall be released after successful implementation of the EMP, followed by recommendations of the EAC and approval of the regulatory authority.
- iii. Assessment of ecological damage with respect to air, water, land and other environmental attributes. The collection and analysis of data shall be done by an environmental laboratory duly notified under the Environment (Protection) Act, 1986, or an environmental laboratory accredited by NABL, or a laboratory of a Council of

Scientific and Industrial Research (CSIR) institution working in the field of environment.

- iv. Preparation of EMP comprising remediation plan and natural and community resource augmentation plan corresponding to the ecological damage assessed and economic benefits derived due to violation.
- v. The remediation plan and the natural and community resource augmentation plan to be prepared as an independent chapter (13) in the EIA report by the accredited consultants.
- vi. Budget of remediation plan and natural and community resource augmentation plan corresponding to the ecological damage shall be completed within three years and to be prepared accordingly
- vii. Public Hearing (PH) has been conducted on dated 04.09.2018 for the same capacity, covering all the issues, committee felt that one time PH as per the order of Hon'ble High Court of Madras has already taken care and hence repeat PH is not required. However Public Hearing issues raised and reply of the PP in tabular form along with the time bound action plan shall be submitted in the relevant chapter.
- viii. One-month fresh base line data to be generated for validation of the existing base line data collected during Oct-Dec 2017.
- ix. Fund allocation for Corporate Environment Responsibility (CER) shall be made as per Ministry's O.M. No. 22-65/2017-IA.III dated 1st May, 2018 for various activities therein. The details of fund allocation and activities for CER shall be incorporated in EIA/EMP report.
- x. Action taken report from the regional office, MoEF&CC on the non/partially compliance of the EC conditions granted by the SEIAA to 30 MW Co-Generation observed by the R.O MoEF&CC, Nagpur on 20.08.2018.
- xi. A plan for implementation of ZLD to be submitted.
- xii. Layout plan earmarking space for development three tier peripheral green belt.
- xiii. Water requirement, waste water generation, water balance and waste water treatment.
- xiv. Traffic density study to be carried out and impact prediction modelling to be submitted in the EIA/EMP report.
- xv. Certified CFO compliance report to be obtained from concerned regional office of SPCB.
- xvi. Details as per Annexure XI as mentioned in the agenda shall be submitted.

29.4.2 Expansion of pesticide manufacturing unit from 15 TPA to 471.5 TPA at Plot nos. E-24, E-24 (Part) and E-23/1, MIDC, Lote Parshuram, Taluka Khed, District Ratnagiri (Maharashtra) by M/s Godrej Agrovet Limited - Terms of Reference [IA/MH/IND2/104821/2003] [F. No. J-11011/231/2003-IA.II (I)]

Project proponent along with the consultant (Rightsource Industrial Solutions Pvt Ltd) in the present meeting (29th) made the detailed presentation and interalia provided the following information:

The project involves manufacturing Existing Herbicides/ Fungicides/ Plant Growth Regulators (PGRs) of production capacity 100.60 TPA (as per the CTO) and expansion to 471.5 TPA by M/s Godrej Agrovet Limited in an area of 10742 sq. m at Plot Nos.: E- 24, E-24 (Part) and E-23/1, MIDC, Lote Parushuram, Taluka /Mandal Khed, District Ratnagiri, Maharashtra.

The said project/ activity is covered under category “A” of item 5(b) of the Schedule to the EIA Notification, 2006, and requires prior EC from the MoEF&CC

The Environment Clearance Vide File No. J-11011/231/2003 IA II(I) dated 28/04/2004 was received in the name of M/s Bahar Agrochem and Feeds Pvt. Ltd. to manufacture a herbicide 2-mercapto-6-chlorobenzonitrile (trade name GOD H001) with the manufacturing capacity - 1.25 TPM (15 TPA).

M/s. Godrej Agrovet Ltd. purchased this unit from M/s Bahar Agrochem and Feeds Pvt. Ltd in the year 2013 and the EC was transferred in the name of M/s. Godrej Agrovet Ltd from M/s Bahar Agrochem and Feeds Pvt. Ltd Vide File No. J-11011/23/2003 IA II (I) dated 06/03/2014.

M/s. Godrej Agrovet Ltd. applied for Consent to Operate (CTO) to MPCB under change in the product mix by replacing the existing product and adding 4 Technical products & Formulation products.

CTO was received with Vide No. Format 1.0/AST/RO-KP/EIC No. KP 17625-15-15/A/CC-14981 Dated **03/12/2015** valid up to 30.06.2016 having Technical products with capacity of 100.6 MT/Annum and Formulation products with capacity of 534.525 MT/Annum. In the year 2016, the Consent to Operate has been renewed Vide No. Format BO/AST/UAN No. 0000005346/R/CC-1612000777 Dated 22/12/2016 valid up to 30.06.2021

Godrej Agrovet Limited proposed to expand the existing Herbicides / Fungicides / Plant Growth Regulators (PGRs) manufacturing unit at Plot Nos.: E-24, E-24 (Part) and E-23/1, MIDC, LoteParshuram, Taluka: Khed, District: Ratnagiri, Maharashtra State in the existing premises of 10742 Sq. m. with an investment of 10 Crores.

Accordingly, applied for ToR with Form-I, Pre-feasibility report to the Industry sector and necessary documents to EAC, New Delhi on 29.12.2017 for the expansion of existing products with production capacity of Technical Products – 471.50 TPA and Formulation Products – 534.525 TPA. Total Production capacity of 1006.025 TPA.

S. No.	List of Products	Quantity (TPA) as per the CTO		
		Existing	Proposed	Total
1.	GOD –HH001 Pyrethiobac Sodium Tech.	40	20	60
2.	Homobrassinolide (HBR)	0.6	0.9	1.5
3.	Bispyribac Sodium Technical	40	20	60
4.	Florchlorfenuron Technical	20	30	50
5.	Quizalofap-P-Ethyl Technical	00	60	60
6.	Dimethomorph Technical	00	60	60
7.	Metribuzin Technical	00	60	60
8.	Thiophanate Methyl technical	00	60	60
9.	Trifloxystrobin Technical	00	60	60
TOTAL (A)		100.60	370.90	471.50
Formulation Products which are not required Prior Environment Clearance as per EIA Notification, 2006				
1.	Bispyribac Sodium Formulation	144.405	0	144.405
2.	Florchlorfenuron Formulation	10.12	0	10.12
3.	AchookNimin	36	0	36
4.	Bumper Bountee	12	0	12
5.	Combined (PGR) like super shakti & Diamore combine & double	12	0	12
6.	Dapcoat	24	0	24
7.	Agroneem	200	0	200
8.	Liquid Vipul, Vipul granules, Diamore Suruchi, Ruchira	36	0	36
9.	Neem oil Emulsifiable	24	0	24
10.	HitweedPyrethiobac Sodium 10%	36	0	36
TOTAL (B)		534.525	0.0	534.525
GRAND TOTAL (A+B)		635.125	370.90	1006.025

While submission of the proposal for ToR to sectoral committee, the project proponent has stated that the project is not involving any violation, and accordingly standard ToR has been granted to the project Vide File No. J-11011/231/2003-IA-II (I) on 31st January, 2018.

Subsequently proposal for ToR Amendment for exemption of Public Hearing as the unit is located in a Notified Industrial Area established prior 14th Sept 2006 and the same was accepted by MoEF&CC as per OM J-11011/321/2016-IA. II (I) dt. 27.04 2018.

As per the given ToR, EIA & EMP report was prepared and submitted through online to MoEF&CC on 05.06.2019. The proposal was considered by the EAC (Industry-2) in its

meeting held during 29-31st July, 2019. The Committee noted that the existing environmental clearance dated 28th May, 2004 granted by the Ministry was for manufacturing capacity @1.25 TPM (15 TPA). The unit is, however, engaged in production @100.60 TPA (4 Technical products), and as such, amounts to violation of the EIA Notification, 2006. Accordingly, the proposal was deferred by the Committee for consideration under Ministry notification S.O 804 (E) 14.03.2017.

The total water requirement of the proposed unit is 52.12 KLD and will be met from MIDC. The present effluent quantity is 18.09 KLD, out of which 3.50 KLD is domestic effluent. the effluent is segregated into low TDS and high TDS streams. Low TDS stream and domestic effluent is treated in ETP. The existing ETP shall be upgraded by installing MEE to treat high TDS stream and RO rejects.

Power requirement of proposed project will be made available through Maharashtra State Electricity Distribution Company limited (MSEDCL). The total power requirement of project will be 400 KVA.

For generation of Steam, the industry will use 0.6 TPH furnace oil fired boiler and proposed to install 0.6 TPH furnace oil fired boiler. The total fuel requirement is 2000kg/day will be met from local authorized sources. The unit has existing 200 KVA DG set for usage during the power failures and proposed to install solar panels with 115 KW/Day capacities for power generation

Based on the information submitted by the PP and as presented, EAC (Violation) in the present meeting (29th) noted that PP got the Environment Clearance Vide letter dated 28/04/2004 to manufacture a herbicide 2-mercapto-6-chlorobenzonitrile (trade name GOD H001) with the manufacturing capacity - 1.25 TPM (15 TPA). However, PP had gone for expansion by adding 4 technical products (100.6 MTA) after CTO granted vide letter dated 03.12.2015 but without seeking prior environmental clearance under EIA Notification 2006. This amounts to the violation of EIA Notification 2006 and as amended thereof. EAC further observed that PP in the present proposal has applied for expansion from 100.6 TPA to 471.50 TPA of technical products, however as per the existing EC capacity, PP is allowed for 1.25 TPM or 15 TPA of production of single technical product. Therefore, as far as production capacity is concerned, proposed expansion is from 15 TPA to 471.50 TPA instead of 100.6 TPA to 471.50 TPA.

The EAC, after detailed deliberations in the 29th meeting held on 30th - 31st December, 2019, on the proposal in terms of the provisions of the MoEF&CC Notification dated 14th March, 2017, confirmed the case to be of violation of the EIA Notification, 2006 and **recommended for issuing Standard Terms of Reference along with the following Specific Term of Reference** for undertaking EIA and preparation of Environment Management Plan (EMP):

- (i) The State Government/SPCB to take action against the project proponent under the provisions of section 19 of the Environment (Protection) Act, 1986, and further no consent to operate to be issued till the project is granted EC.

- (ii) The project proponent shall be required to submit a bank guarantee equivalent to the amount of remediation plan and natural and community resource augmentation plan with the SPCB prior to the grant of EC. The quantum shall be recommended by the EAC and finalized by the regulatory authority. The bank guarantee shall be released after successful implementation of the EMP, followed by recommendations of the EAC and approval of the regulatory authority.
- (iii) Assessment of ecological damage with respect to air, water, land and other environmental attributes. The collection and analysis of data shall be done by an environmental laboratory duly notified under the Environment (Protection) Act, 1986, or an environmental laboratory accredited by NABL, or a laboratory of a Council of Scientific and Industrial Research (CSIR)
- (iv) Preparation of EMP comprising remediation plan and natural and community resource augmentation plan corresponding to the ecological damage assessed and economic benefits derived due to violation.
- (v) The remediation plan and the natural and community resource augmentation plan to be prepared as an independent chapter (13) in the EIA report by the accredited consultants
- (vi) Budget of remediation plan and natural and community resource augmentation plan corresponding to the ecological damage shall be completed within three years and to be prepared accordingly.
- (vii) The PP is required to conduct public hearing as per EIA notification, 2006.
- (viii) One-month fresh base line data to be generated for validation of BLD collected during the March-May 2018 for preparation of EIA/EMP report.
- (ix) The PP should also address the all the issues raised during public hearing along with commitments made and with fund provision to address above issues in tabular form to be submitted along with EIA/EMP report.
- (x) Fund allocation for Corporate Environment Responsibility (CER) shall be made as per Ministry's O.M. No. 22-65/2017-IA.III dated 1st May, 2018 for various activities therein. The details of fund allocation and activities for CER shall be incorporated in EIA/EMP report.
- (xi) Details of ZLD to be submitted.
- (xii) Details of water consumption for 15.0 MTA, 100.6 MTA and 471.50 TPA to be submitted.
- (xiii) Details of effluent generation for 15.0 MTA, 100.6 MTA and 471.50 TPA to be submitted.
- (xiv) Details as per Annexure XI as mentioned in the agenda shall be submitted.

29.4.3 Expansion of Grain based Distillery from 25 KLPD to 60 KLPD at Sy. No. 284 (B), Subhash Nagar, Village Gaurgaon, Taluka Kallamb, District Osmanabad (Maharashtra) by M/s Adlers Bio-Energy Limited - Terms of Reference [F. No. J-11011/422/2011-IA.II(I)]

Project proponent did not attend the meeting.

29.4.4 Pamta Limestone mining project (M.L. Area 4.4 ha) of M/s A Dean & Company, located at Mauza Chitali & ShamahPamta, Tehsil Paonta Sahib, District Sirmaur, Himachal Pradesh - Further consideration for Terms of Reference [IA/HP/MIN/74387/2018 dated 13.04.2018] [F. No. 23-264/2018-IA.III (V)]

Project proponent along with the consultant (Shivalik Solid Waste Management Ltd) made the detailed presentation in the 14th meeting and interalia provided the following information:

The Proposal of M/s A Dean & Company is for Mining of Limestone from Pamta Limestone Mine for Total Excavation 125130 Tonne per annum (TPA) [including Waste] from mining lease area (4.4 Ha) located at Villages Chitali & Shamah Pamta, Tehsil Paonta Sahib, District Sirmaur, State Himachal Pradesh.

The mining lease is located on Survey of India Topo-sheet no.53F10. The area is bounded between the coordinates Latitude 30035'34.46" N to 30035'51.5" N and Longitude 77041'40.7" E to 77042'48.76" E. Two other mines in the name of Smt Savita Chauhan (3.1 Ha) & M/s Friends mineral (4.9 Ha) exist in the periphery of 500 mtr of this mine.

The said project/activity is covered under category A (as General Condition apply-Himachal Pradesh-Uttarakhand interstate boundary) of item 1 (a) of the Schedule to the EIA Notification, 2006 as amended, and requires prior EC from the MoEF&CC based on the appraisal by Expert Appraisal Committee

1. Violation Details & Sectorial EAC/SEAC Comments:

Application for EC was submitted to EAC (Non- Coal Mining) MoEF& CC	18.10.2016
Baseline Monitoring	December 2015- February 2016.
Public hearing conducted	22.08.2016
Appraisal by EAC (Non-Coal Mining), MoEF&CC in its meetings	The case was presented on 33 rd EAC meeting held on June 22, 2018.
Observations/recommendations of the EAC (Non-Coal Mining) MoEF &CC in its meetings	From the past production details, it has been observed that the Limestone production in the year 1993-94 (base year) is 23,317 MT/Annum and in the year 1994-95 is 69,193MT/Annum. Minutes of 33 rd EAC Meeting, mine lease area more than 5 Ha requires prior Environmental Clearance.

	<p>In the instant case, the lease deed (22.28 Ha) has been executed on 20.9.1977 which means mine is under operations since 1977.</p> <p>The mine operations since 1994 were carried out without prior Environmental Clearance both under EIA Notifications, 1994 and 2006 which amounts to the violation as per the Judgement dated 2.8.2017 by Hon'ble Supreme Court.</p> <p>Further, the production has increased from the base year 1993-94 in the subsequent years.</p>
Action taken by the State Government/SEIAA	The mine site of M/s A Dean & Co. for an area measuring 53-03 Bighas (4.4 ha.) is situated in Mauja Shamah Pamta & Chitali, Tehsil Paonta Sahib, District: Sirmour, H.P. and has been not in operation w.e.f 15 January 2016.

2. Fresh application was made online vide proposal no. IA/HP/MIN/74387/2018 dated 13.04.2018 under violation category for Term of References (ToR) in terms of provision of the Ministry's Notification S.O 804 (E) and submitted Form-1 and PFR. The proposed project activity is covered under 'Schedule 1 (a) of EIA Notification, 2006 and is a category 'B' and appraised as Category A at EAC (MoEF&CC) because of Inter-state boundary within 5 km from the project.

3. Details of Minerals:

Number of minerals. Whether mineral is major or minor. Status of same mineral before 2006(major or minor): Limestone (Major Mineral). The limestone was under major mineral before 2006.

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

Letter from the Commissioner Industries, Himachal Pradesh vide order no. Udyog-bhu (Khani-4) Major-6/97-1 2538 dated 9-06-2015 and the supplementary lease deed was executed for 50 years w.e.f 20.09.1977 and is valid till 19.09.2027

5. Method of Mining & Mining Plan Details:

- The Mining Plan was approved by IBM/DMG vide LR No. 614 (2)/MP-B-228/05/DDN dated 22.04.2016. As per which the method of mining shall be opencast and mechanized.
- The mining will be opencast semi mechanized and limestone shall be exploited adoption of drilling and blasting. Jack hammer drilling and blasting with conventional explosive shall be carried out to dislodge the rock mass. Blasting will be done by using

class-2 explosives, detonated by ordinary detonators and safety fuse as well as by electric detonators. No ground water intersection will take place during mining activity. Bench height and width will be kept 6 m respectively with face slope of 700.

- No top soil will be generated by the mining activity and the interburden generated will be used for maintenance of PWD roads, approach road, making parapet walls and rehabilitation of benches.
- Details of crushers /screen/beneficiation plant if any with capacity and numbers, water requirement for the project, plantation details, green belt details: No crushers plant.
- Water requirement: ~ 6 KLD (2.8 KLD domestic and 3.0 KLD dust suppression)
- Plantation details: 0.25 Ha. over the period of 5 year over 7.5 m strip (250 saplings)
Other: 0.25 Ha.
- Land use as per mining plan at the end of plan period and at conceptual stage.

Sl. No.	Head	At Present (Ha.)	At the end of modified plan period (ha)	At the end of conceptual period (ha)
(a)	Total area excavated (broken)	2.329	2.886	3.484
(b)	Area fully mined out	Nil	1.00	3.484
(c)	Area fully rehabilitated by pisciculture	Nil	Nil	Nil
(d)	Area rehabilitated by afforestation.	Nil	0.126	2.00

6. Other Waste Generation, if any:

The waste that will be generated shall be used for maintenance of PWD roads, approach road and making parapet walls and rehabilitation of benches.

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

The project site is waste land. No forest/agriculture land is involved in the mining activity.

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

Past Production reference to DMG letter no 264 dated 29.05.2018 and letter no. 992dated 16.09.2017 is as follow:

Sl. No.	Year	Production (in MT)
1.	1991-92	35857.374
2.	1992-93	25025.250
3.	1993-94	23317.900
4.	1994-95	69193.308
5.	1995-96	100826.100
6.	1996-97	146334.400
7.	1997-98	156775.400
8.	1998-99	47820.808
9.	1999-2000	125118.10
10.	2000-01	34352.900
11.	2001-02	11887.300

12.	2002-03	Nil
13.	2003-04	Nil
14.	2004-05	Nil
15.	2005-06	11301.700
16.	2006-07	80274.800
17.	2007-08	69294.200
18.	2008-09	73718.100
19.	2009-10	97950.900
20.	2010-11	79926.900
21.	2011-12	109310.800
22.	2012-13	82940.400
23.	2013-14	66554.200
24.	2014-15	75852.800
25.	2015-16	88198.600

9. Applicability of General Condition & Status of SEIAA:

General Condition is applicable to the project as the border of Uttarakhand is within 5km (i.e 3.45 km, E) from the project site.

10. Project Cost & Employment:

Project Cost: 60 Lakh.

Employment: 59 persons.

EMP cost: 9.0 Lakh and recurring of 6.0 Lakh.

CER activity: 5 Lakh (Maintenance of water supply schemes as well as natural drinking, Supplying raw materials for construction of community centre in the Pamta village.

Budget for conservation plan for leopard: 8 Lakh/annum

11. Affidavit for SC Order 2.08.2017: Submit affidavit to comply with all the statutory requirements and judgment of Hon'ble Supreme Court dated the 2nd August 2017 in Writ Petition (Civil) No. 114 of 2014 in the matter of Common Cause versus Union of India and Ors.

12. Status of DSR, in case of minor mineral

Not Applicable (as it is a major mineral Project)

EAC (Violation sector) in the 14th meeting deliberated on the information submitted by the PP and as presented. After detailed presentation by the consultant, the EAC noted the following:

- As per Project proponent mine lease area is a waste land, however DSS showed project site is falling in the Forest land bearing Compartment No. C-3, Beat: Sataununder Renuka Ji Forest Division.
- Mine lease document submitted is not valid as three-month window given by the mine department for getting statutory clearance is already lapsed.

After due deliberation the Committee deferred the proposal for want of following information:

- (i) Certificate from the State Forest Department that no forest land was involved in the mine lease area.
- (ii) Valid mine lease document is to be submitted.
- (iii) As per the KML file lease area is not continuous and distributed at four different places. PP is therefore required to submit exact distance between the mines.

PP vide letter dated 29.11.2019 submitted the additional information to the Ministry as sought by the EAC in the 14th meeting. Accordingly, proposal is listed in the agenda of the present meeting (29th meeting). PP alongwith the consultant made the presentation on the information sought by the EAC in 14th meeting.

After detailed presentation by the PP, EAC noted the following:

- (i) PP submitted the NOC from the Divisional Forest officer, Sri Renuka ji forest that in the mining lease area of 53.3 bighas, no forest land is involved in the Khasra number reported in the NOC.
EAC observed that some of the Khasra number are not matching with the details of Khasra submitted earlier to the Ministry. PP was advised to submit the revised NOC at the earliest.
- (ii) In regard to valid mining lease document, PP submitted the copy of supplementary lease deed executed on 11th November 2019.
- (iii) PP submitted the distance between the mines.

In view of above, EAC (violation) observed that PP had gone for an increase in the Lime Stone production of the base year (1993-94) in the 1994-95 and therefore instant project is under violation since 1994-95 as the mine lease area was greater than 5 Ha. The EAC, after detailed deliberations in the **29th meeting held on 30th - 31st December, 2019**, on the information presented by the PP, **recommended for issuing Standard Term of Reference as applicable for the project along with the following Specific Term of Reference** for undertaking EIA and preparation of Environmental Management Plan (EMP) subject to submission of revised NOC from Divisional Forest Officer for no forest land involved, Revised Form 1 and affidavit:

- i. The State Government/SPCB to take action against the project proponent under the provisions of section 19 of the Environment (Protection) Act, 1986, and further no consent to operate to be issued till the project is granted EC
- ii. The project proponent shall be required to submit a bank guarantee equivalent to the amount of remediation plan and natural and community resource augmentation plan with the SPCB prior to the grant of EC. The quantum shall be recommended by the EAC and finalized by the regulatory authority. The bank guarantee shall be released after successful implementation of the EMP, followed by recommendations of the EAC and approval of the regulatory authority.
- iii. Assessment of ecological damage with respect to air, water, land and other environmental attributes. The collection and analysis of data shall be done by an

- environmental laboratory duly notified under the Environment (Protection) Act, 1986, or an environmental laboratory accredited by NABL, or a laboratory of a Council of Scientific and Industrial Research (CSIR) institution working in the field of environment.
- iv.** Preparation of remediation plan and natural and community resource augmentation plan corresponding to the ecological damage assessed and economic benefits derived due to violation.
 - v.** The remediation plan and the natural and community resource augmentation plan to be prepared as an independent chapter 13 in the EIA report by the accredited consultants.
 - vi.** Budget of remediation plan and natural and community resource augmentation plan corresponding to the ecological damage shall be completed within three years and to be prepared accordingly
 - vii.** EIA/EMP report shall be prepared taking cognizance and impacts (Cumulative) of the adjacent mines leases
 - viii.** In case of violation of undertaking by way of affidavit to comply with all the statutory requirements and judgment of Hon'ble Supreme Court dated, the ToR/Environmental Clearance shall be liable to be terminated forthwith.
 - ix.** One season fresh base line data shall be collected for preparation of EIA/EMP reports.
 - x.** Public Hearing (PH) has been conducted on dated 22.08.2016 for the 125130 TPA of limestone production including waste covering all the issues, committee felt that at the time of submission application for ToR to the Ministry under violation and earlier appraisal for ToR on 22.10.2018, Public Hearing was valid. Therefore, one time PH as per the order of Hon'ble High Court of Madras has already taken care and hence repeat PH is not required.
 - xi.** The PP should also address the all the issues raised during the already held public hearing along with commitments made and with fund provision to address above issues in tabular form to be submitted along with EIA/EMP report.
 - xii.** Fund allocation for Corporate Environment Responsibility (CER) shall be made as per Ministry's O.M. No. 22-65/2017-IA.III dated 1st May, 2018 for various activities therein. The details of fund allocation and activities for CER shall be incorporated in EIA/EMP report.
 - xiii.** Detailed hydrological study to be carried out in core and buffer zone of the project as per GEC 2015 guidelines.
 - xiv.** The Action Plan on the compliance of the recommendations of the CAG as per Ministry's Circular No. J-11013/71/2016-IA.I (M), dated 25.10.2017 needs to be submitted at the time of appraisal of the project and included in the EIA/EMP Report.
 - xv.** Details of benefit accrued during the violation period along with capital cost of the project is to be submitted.

- xvi. Mine plan as approved by Indian Bureau of Mines to be submitted.
- xvii. DGMS permission is to be submitted for blasting at project site, if any.
- xviii. Details as per Annexure XI as mentioned in the agenda shall be submitted.
- xix. Compliance of conditions in the NOC letter issued by the Divisional Forest Officer, Sri Renukaji Forest division.

29.4.5 Sandstone & Khanda Mine (ML No. - 9/ 2000, Area 32.10 Ha) for proposed production capacity of 1,18,000 TPA of ROM of M/s Gopal Ram Kashyap, Village Bhidyani & Sajjanwas, Tehsil Rupbas, District Bharatpur, Rajasthan - Further consideration for Terms of Reference [IA/RJ/MIN/74350/2018 dated 12.04.2018] [F. No. 23-249/2018-IA.III (V)]

Project proponent did not attend the meeting.

29.4.6 Proposed Sponge Iron Plant of 3×100 TPD (90,000 TPA), Induction furnace 200 TPD (60,000 TPA), Rolling mill 200 TPD (60,000TPA) and Captive Power Plant (6MW) at Sy. No. 83A & 76 Village Belagal, Taluk & District Bellary, Karnataka by M/s Sri Sai Sapthagiri Sponge Pvt. Ltd. - Further Consideration for Terms of Reference [F.No. J-11011/43/2014-IA.II(I)]

The project of M/ s Sri Sai Sapthagiri Sponge Pvt. Ltd. located in Village Belagallu, Tehsil Bellary, District Bellary, Karnataka is for setting up of a new Sponge Iron Unit, Rolling Mill, Induction Furnace and Captive Power Plant for production of Sponge iron (90,000 TPA), TMT bars (60,000 TPA), Induction furnace (60,000 TPA) and Captive power plant (6 MW).

1.	Name & Address of the Project	M/s. Sri Sai Sapthagiri Sponge Pvt. Ltd. is located at Sr. no. 83 A & 76, Belagallu Village, Bellary Taluka & District, State Karnataka			
2.	Area of the Project	Total 48652.32 m ² land area is available at site; out of this area around 16026.32 m ² (33 %) area will be developed as greenbelt.			
3.	Location co-ordinate	Sr. No.	Corners	Latitude	Longitude
		1	A	15° 06' 34.7'' N	76° 48' 38.7''E
		2	B	15° 06' 11.1'' N	76° 48' 36.6''E
		3	C	15° 06' 45.4'' N	76° 48' 31.7''E
		4	D	15° 06' 34.0'' N	76° 48' 34.8''E
4.	Product type	Schedule 3(a), Category A			
5.	Production capacity	Name of Product	Unit Configuration (TPD)	Production Capacity (TPA)	

		Sponge Iron	300	90,000
		TMT Bars	200	60,000
		Induction furnace (Ingots)	200	60,000
		Captive Power Plant	6 MW (5- MW WHRB and 1 MW- AFBC)	
6.	Raw material	Sr. No.	Raw Material Description	Estimated Requirement (TPA)
		A	Sponge Iron Plant	
		1.	Iron Ore	1,62,000
				Chitradurrg, Hospet& Bellary
		2.	Coal	81,000
				Indonesia, South Africa &Singerani
		3.	Limestone	2,700
				Dronachalam
		B	Induction Furnace (Billets)	
		4	Sponge Iron	61650
				In – house production
		5	MS Scrap	6300
				Purchased from market
		C	Rolling Mill (TMT Bars)	
		6	Billets/Ingots	60,000
				In – house production
7.	Total Project Cost	The total project cost for its estimated Rs.9800.00 Lakhs,		
8.	Manpower	Description		No of person
		No. of Direct Workers for Project		100
		No. of Indirect Workers for Project		150
		Total		250
9.	Power Supply	The maximum power demand for the facilities is 750 KVA which will be drawn from GESCOM.		
10	Source of Water	Bellary Urban Sewage Water Treatment Plant (BUSWT).		
11	Total Water Requirement	Total water requirement will be 588 KLD		
12	Effluent generation and its management	There is no generation of wastewater from the proposed project. Cooling tower water will be continuously re-circulated in the cooling water circuits, heat exchangers and discharged to the holding tank through cooling towers where evaporation loss, drift losses etc. will be encountered. DM backwash, cooling tower and boiler blow down will be neutralized in a		

		neutralization tank and used for gardening. Domestic effluent will be sent to septic tank followed by soak pit.				
13	Flue Gas & Process Gas Stack details	Stack Attached to	Type of Fuel	Stack Height (m)	Dia. of Stack (m)	Fuel Consumption (TPD)
14	Fuel Consumption	Rotary Kiln	RB ₂ COAL	60	3.2	270
		FBC Boiler	Dolachar	40	2.5	135
		Rolling Mill	Coal	55	2.6	160
15	Hazardous waste generation & its management	Hazardous waste	Cat. No.	Total Quantity (MT/Annum)		Method of disposal
		Used Oil	Sch-I/5.1	0.5		Collection, Storage, Reuse or sell to Registered Refiners.

Existing land area is 48562.32 m² will be used for proposed expansion. Industry has already developed/will develop green belt in an area of 33% i.e., 16024m² out of total area of the project. The estimated project cost is Rs 98 crores including existing investment of Rs 18 crores.

Total Employment will be 100 persons as direct & 150 persons indirect after expansion. Industry proposes to allocate Rs 78 lakhs towards Corporate Environmental Responsibility (CER) as per Ministry OM dated 1st May, 2018.

There are no national parks, wildlife sanctuaries, Biosphere Reserves, Tiger/Elephant Reserves, Wildlife Corridors etc within 10 km distance from the project site.

Earlier, the proposal was considered by the sectoral Expert Appraisal Committee and the project proponent and their EIA-EMP consultant (M/s Green Circle, INC.) gave a detailed presentation on the salient features of the project. The Proposed project was initially received in the Ministry on 22nd November 2013 for obtaining Terms of Reference (TOR) as per EIA Notification, 2006. The project was appraised by the 17th Reconstituted Expert Appraisal Committee (Industry) during its meeting held on 18th - 19th March, 2014 and prescribed TORs to the project for undertaking detailed EIA study for the purpose of obtaining environmental clearance. Accordingly, the Ministry of Environment and Forests had prescribed TORs to the project on 19th May 2014. Public Hearing for the proposed project has been conducted by the State Pollution Control Board on 18/01/2016. Based on the TORs prescribed to the project, the project proponent submitted an application for environmental clearance to the Ministry online on 2nd August 2016.

The Public hearing of the project was held on 18.01.2016 at the plant premises for setting up of proposed plant, under the chairmanship of Additional Deputy Commissioner, Ballari. It was mentioned in the proceedings of the Public Hearing that M/s Sri Sai Saphthagiri Sponge Pvt Ltd is an existing industry engaged in the manufacturing of sponge iron (1X50 TPD Kiln). This plant has been established during 2008 without obtaining

CFE/CFO from the board and without obtaining environmental clearance from SEIAA/MoEFCC. Hence the board has issued closure directions to the plant under the provisions of Water Act & Air Act. Also filed two criminal cases against the industry namely CC No. 1244/2012 and PC No. 107 /2015 at JMFC, Ballari for the said violation.

Earlier the proposal was considered by the EAC (violation committee) in the meeting held during 29th-30th August 2019. PP alongwith consultant made the presentation before the committee. EAC observed that proposal was earlier considered by the Industry 1 sector. The proposal was prescribed ToRs by the Ministry vide letter No. J-11011/43/2014-IA-II(I) dated 19th May, 2014. The Public Hearing was conducted on 18.01.2016. During the Public Hearing, the public stopped the presentation and none of the public spoke in the meeting. However, written representations were submitted.

In the public hearing proceedings, it is mentioned that the plant (50 TPD sponge) was operating without obtaining CFE/CFO and Environmental Clearance. The Karnataka Pollution Control Board has issued closure directions to the plant and also filed two criminal cases against the Industry namely CC No. 1244/2012 & PC No. 107/2015 at JMFC, Bellari.

The proposal was then considered in the EAC (Industry 1) meeting held during 29th - 31st August, 2016. The committee desired some additional information from the PP and therefore deferred the project.

The Project Proponent replied twice with a copy of EIA report vide letter even no. dated 28.02.2018 and 10.05.2018. The reply was incomplete and therefore, it was decided not to relist the proposal and issued show cause notice to the consultant, M/s Green Circle Inc vide letter even no. J-11011/43/2014-IA-II (I) dated 19.09.2018. In response, M/s Green Circle Inc vide letter dated 12.10.2018 submitted the reply to the Ministry.

The case was referred by the Industry 1 sector to violation committee to consider the proposal under the EIA notification, 14.03.2017.

EAC (Violation committee) further observed that since PP had operated the plant (50 TPD sponge) without obtaining CFE/CFO and Environmental Clearance hence violation of the EIA Notification. EAC further noted that PP was unable to present the chronology of the events. EAC, based on the information available in the records and as presented by the *deferred* the proposal for want of following information:

- i. Complete chronology of the events of the proposed project with supporting documents shall be submitted and presented before the committee.
- ii. Complete details of the products along with the production capacity is to be submitted.
- iii. Year wise production details since inception of the project is to be submitted by way of affidavit.
- iv. Revised Form 1 and prefeasibility report is to be submitted.
- v. Details along with present status of the criminal cases filed against Industry is to be submitted.

PP vide letter dated 19.12.2019 submitted the information to the Ministry, accordingly proposal was considered in the 29th meeting held on 30th - 31st December, 2019. EAC observed that PP did not submit the revised Form-1 under violation category. Further, since the instant project qualifies as category A project, however the consultant (Green circle, Inc, Vadodra) engaged by the PP is accredited for category B.

In view of this, EAC **deferred** the project and advised PP to submit the revised Form 1 under violation and to make the detailed presentation for ToR and on the ADS of earlier meeting.

29.4.7 Mining of Limestone minerals at Village Chakdura Bathyn, Khrew, Tehsil - Pampore, District Pulwama, Jammu and Kashmir by M/s Dawar Cement Pvt. Ltd over an area of 21.106 Ha. - Terms of Reference [IA/JK/MIN/65104/2017 dated 02.06.2017] [F. No. 23-23/2019-IA-III(V)]

Project proponent did not attend the meeting.

29.5 Discussion on any other item with permission of the Chair


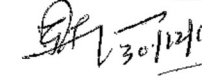
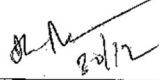

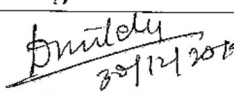

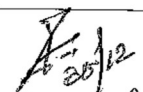
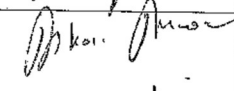
29.5.1 Expansion of Selected Dhori Group of mines from 2.25 MTPA to 11 MTPA (peak) in Tehsil Bermo, District Bokaro, Jharkhand by M/s Central Limited - Further consideration for Environmental clearance [IA/JH/CMIN/68525/2017 dated 27.08.2018] [F. No. 23-80/2018-IA.III]

Observations and recommendations of committee of 29th EAC meeting held during 30th-31st Dcember, 2019:

PP has submitted re-certification from concerned regional office of MoEF&CC based on action taken report for closing the noncompliance earlier EC conditions in view of above, EAC reiterated the recommendations made in the 21st meeting held on 15th-16th April, 2019 and 28th EAC meeting held during 25th-26th November, 2019 with following additional condition:

The project proponent shall prepare an action taken report along with time lines on the partially complied earlier EC conditions and obtain a closure report to this effect from Concerned R.O of MoEF&CC and submit the same to MoEF&CC within a period of three months from date of issue of this EC.

Members of the EAC for the proposal involving violation of EIA Notification, 2006 present during 29th meeting held on 30th -31st December, 2019 at MoEF&CC, New Delhi and approved the above minutes.

Sl. No.	Name of the EAC member	Role/Designation	Signature
1.	Dr. S.R. Wate,	Chairman	
2.	Dr. G.V. Subrahmanyam	Member	 30/12/19
3.	Dr.A.L. Ramanathan	Member	 30/12
4.	Dr. M.V. Ramana Murthy,	Member	
5.	Shri K Gowarappan	Member	
6.	Dr.Dilip S. Ramteke,	Member	 30/12/2019
7.	Dr. Poonam Kumria,	Member	
8.	Dr.Bharat Jain,	Member	
9.	Dr.Subrata Maity,	Member	 30/12
10.	Shri Ashok Agrawal,	Member	
11.	Shri Raghu Kumar Kodali	Member Secretary	