

**State Level Expert Appraisal Committee, Uttarakhand**  
**"Gauradevi Paryavaran Bhawan, 3<sup>rd</sup> Floor,**  
**46-B, I.T. Park, Sahastradhara Road, Dehradun"**

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Letter No: 09 / SEAC  
Dated: 16 February, 2023

The Second Day of the 3<sup>rd</sup> meeting of the Uttarakhand State Level Expert Appraisal Committee (SEAC) was held on 16<sup>th</sup> February, 2023 at the SEIAA/SEAC office Dehradun. The following were present at the meeting –

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|-------------------------------|-----------|
| 1) Shri Shailendra Singh Bist | Chairman  |
| 2) Dr. Ashwani Kumar Minocha  | Member    |
| 3) Dr. Ashutosh Gautam        | Member    |
| 4) Dr. Basudev Prasad Purohit | Member    |
| 5) Shri Nitish Mani Tripathi  | Secretary |

The meeting was presided by Shri S.S. Bist. The meeting proceeded as per the agenda with permission of the chair. It was noted that proposals, for the meeting, being considered for the appraisal includes Construction, Industrial, Mining (R.B.M/Soapstone) etc. The concerned recognized environment consultants of the proponents made the presentations.

**Consideration/Reconsideration of Proposals For Environmental Clearance (E.C.)**

**Proposal – 1**

Online proposal No.	SIA/UK/IND/83128/2022
Name of the Project	Proposal for Aluminium Coil Coated – 200 Metric Tons per month at Khasra No. 71GH & 71D (old no.1388), Village-Chharba, Langha Road, Industrial Area, Sahaspur, Dehradun.
Name & Address of Proponent	M/s Alstone Manufacturing Pvt. Ltd. by Shri Pankaj Sharma (Manager)
Whether New/Expansion/Modernization Project	New
Total Plot Area	2987.77 m <sup>2</sup>
Project Category	B2, (Orange Category as per Doon Valley Notification 1989 & 2020)

The project was submitted vide proposal no SIA/UK/IND/83128/2022 on dated 24<sup>th</sup> September, 2022 by the project proponent. The committee observed that the proponent is seeking Environmental Clearance for Proposal for Aluminium Coil Coated – 200 Metric Tons per month. The committee observed that this project activity is covered under Orange Category as per the Doon Valley Notification 1989 (as amended). The proponent has submitted detailed project related information in Form 1, Pre Feasibility Report and EMP. Project was prepared by Accredited consultancy firm Enviro Infra Solutions Pvt. Ltd. and project was presented by Shri Sanjeev Sharma, Director. The details of the project are as follows:-

S.No	Parameters	Description
1	Name of the Project	Alstone Manufacturing Pvt. Ltd.
2	Production Capacity	Coated Aluminium Coil – 200 Metric Tons per month
3	Total Plot Area	Area – 2987.77 m <sup>2</sup>
4	Proposed Site Location	Khasra No. 71GH & 71D (old no.1388) Village Chharba Langha Road, Industrial Area Sahaspur, Dehradun
5	Coordinates of Project site	Geographical Location of Project Area is at: Latitude – 30° 25' 12.83" N Longitude – 77° 47' 29.85" E
6	Water Requirement (KLD)	7 KLD
7	Source of Water	Borewell
8	Waste Water Management Waste water generation Mode of Disposal	Use of Water      Water requirement      Waste water generation      Mode of Disposal



		From Process	5 KLD	4.5 KLD	ETP
		Domestic	2 KLD	1.8 KLD	Septic tank and soak pit
9	Solid waste Generation & Disposal	Aluminium Scrap & Packing Material (approx. quantity will be 2MTA.		Solid Waste will be sold to a Recycler.	
10	Hazardous Waste Generation & Disposal	Used Oil		Sent to registered recycler	
		Paint Sludge		Sent to TSDF	
		Empty Container		Sent to TSDF	
11	E-Waste	E-Waste will be disposed off as per norms whenever generated in the unit.			
12	Green Area Development	About 436.81 sqm area is already reserved for green belt development			
13	Total Manpower	40 Number			
14	Electricity/Power requirement	100 KVA			
15	Alternate Power Source	D.G. Set of 250 KVA x 1nos			
16	Utilities	D.G. Set, ETP, Septic tank and Soak Pit.			
17	Land form, Land use and land ownership	Plain and flat land having Industrial use situated in Village Chharba Langha Road, Industrial Area, Sahaspur, Dehradun. The land is hired on lease by the promoters.			
18	Project cost	452.88 Lacs			
19	Corporate Environment Responsibility (CER)	1 lac			

The Committee after examining the original proposal and after going through the presentation done by the consultant has made the following observations-

- The project proponent is advised to submit the storage and safety management plan for handling and storage of hazardous chemicals.
- The project proponent is advised to submit the revised cost/works of CER & EMP
- The project proponent is advised to submit the land use certificate/ownership documents.
- The committee is of the opinion that the proposal submitted by the project proponent is not on the line of MoEF&CC guidelines. Hence, the project proponent is advised to resubmit the revised proposal on prescribed guidelines for consideration.

Hence the committee decided to defer the project till the project proponent submits the compliance report of above mentioned points.

### Proposal – 2

Online proposal No.	SIA/UK/IND3/83124/2022
Name of the Project	Proposal for Puf insulated panels for roof and walls with pre-coated colour roof sheets as exterior layers on top and bottom side and insulated material SOSH CR 936 Polyol vorcor CD345 ISOCYNATE with monthly capacity of 6000 m <sup>2</sup> monthly, 72000-75000 m <sup>2</sup> annually at Mi-122, Central Hope Town, Selaqui, Dehradun.
Name & Address of Proponent	M/s Spectrum Puf & Insulations by Shri Akshay Gandhi
Whether New/Expansion/Modernization Project	New
Total Plot Area	1013.20 m <sup>2</sup>
Project Category	B2, (Orange Category as per Doon Valley Notification 1989 & 2020)

The project was submitted vide proposal no SIA/UK/IND3/83124/2022 on dated 7<sup>th</sup> September, 2022 by the project proponent. The committee observed that the proponent is seeking Environmental Clearance for Proposal for Puf insulated panels for roof and walls with pre-coated colour roof sheets as exterior layers on top and bottom side and insulated material SOSH CR 936 Polyol vorcor CD345 ISOCYNATE with monthly capacity of 6000 m<sup>2</sup> monthly, 72000-75000 m<sup>2</sup> annually. The committee observed that this project activity is covered under Orange Category as per the Doon Valley Notification 1989 (as amended). The proponent has submitted detailed project related information in Form 1, Pre Feasibility Report and EMP. **Project was prepared by**



Accredited consultancy firm Enviro Infra Solutions Pvt. Ltd. and project was presented by Shri Sanjeev Sharma, Director. The details of the project are as follows:-

S.No	Parameters	Description			
1	Name of the Project	<b>Spectrum Puf&amp; Insulations</b>			
2	Production Capacity	Puf insulated panels for roof and walls		72000 m <sup>2</sup> annually	
3	Total Plot Area	Area 1013.20 m <sup>2</sup>			
4	Proposed Site Location	MI-122, Central Hope Town, Selaqui, Dehradun –Uttarakhand			
5	Coordinates of Project site	Geographical Location of Project Area is at: Latitude – 30° 22' 39.20" N Longitude – 77° 51' 35.47" E			
6	Water Requirement (KLD)	1 KLD			
7	Source of Water	Uttarakhand Jal Sansthan			
8	Waste Water Management Waste water generation Mode of Disposal	<b>Use of Water</b>	<b>Water requirement</b>	<b>Waste water generation</b>	<b>Mode of Disposal</b>
		Domestic	1 KLD	0.8 KLD	Septic tank and soak pit
9	Solid waste Generation & Disposal	Sheet Scrap & Packing Material (approx. quantity will be 250kg/month)		Solid Waste will be sold to a Recycler.	
10	Hazardous Waste Generation & Disposal	Used Oil		Sent to registered recycler	
		Empty Container		Sent to TSDF	
11	E-Waste	E-Waste will be disposed off as per norms whenever generated in the unit.			
12	Green Area Development	About 304 sqm area is already reserved for green belt development			
13	Total Manpower	20 Number			
14	Electricity/Power requirement	50 KW			
15	Alternate Power Source	D.G. Set of 50 KVA x 1nos			
16	Utilities	D.G. Set and Septic tank & soak pit			
17	Land form, Land use and land ownership	Plain and flat land having Industrial use situated in Industrial Area, Selaqui Dehradun, Uttarakhand. The land is purchased and owned by the Promoters.			
18	Project cost	1.80 Cr.			
19	Corporate Environment Responsibility (CER)	0.25 Lakhs			

The Committee after examining the original proposal and after going through the presentation done by the consultant has made the following observations-

- Consent to Establish/Consent to Operate shall be obtained from Uttarakhand Pollution Control Board under relevant provisions of Central Air Act and Central Water Act before starting up of any construction activity at the site.
- No further expansion or modifications in the plan shall be carried out without the prior approval of competent authority.
- The Project Authority shall strictly comply with provisions of Doon Valley Notification, 1989 & 2020
- During any type of construction in the existing land area, the topsoil excavated shall be used for backfilling/ landscape development/ green belt development. The same shall not be disposed off outside the boundaries of project site without approval of Competent Authority.
- The groundwater samples shall be tested from accredited labs and it shall be ensured that test results comply with CPCB standards so as to ensure that there is no threat to groundwater quality by leaching of heavy metals and toxic contaminants.
- All stacking and loading areas should be provided with proper garland drains equipped with baffles to prevent runoff from the site to enter any adjoining water body. Construction spoils including bituminous materials must not be allowed to contaminate watercourse and dumpsites as these may leach into ground water
- No waste water shall be discharged outside the plant boundary and 'Zero Discharge' shall be strictly adhered to permissible standards.
- All the hazardous residue and wastes arising from units shall be either sent to TSDF for land filling or for incineration. Hazardous chemicals shall be stored in tanks in tank farms, drums, carboys etc.



- The gaseous emissions (SO<sub>x</sub>, NO<sub>x</sub>, CO, VOC and HC) and particulate matter along with RSPM levels from various process units shall conform to the standards prescribed by the concerned authorities from time to time. At no time, the emission levels shall go beyond the stipulated standards. In the event of failure of pollution control system adopted by the unit, the respective unit shall not be restarted until the control measures are rectified to achieve the desired efficiency.
- The DG sets shall use Low Sulphur Diesel type fuel and should have stack height complying with CPCB norms. DG set should be operated only during power failure in emergency situation.
- The ambient air quality and noise levels as per CPCB norms shall be ensured through a monitoring system. Dust Suppression during construction activity shall be ensured. Acoustic enclosures shall be provided with all machineries and DG sets on site complying with Noise Levels as per CPCB standards.
- All necessary efforts shall be made to ensure safety and hygiene of workforce. First Aid facility shall be established and trained manpower to deal with emergency cases shall be engaged. The labour force engaged on site shall be screened for health from time to time.
- Adequate drinking water and sanitation facility shall be provided on site for the workforce. Provision shall be made for supply of domestic fuel to the workforce so that they do not remain dependent on adjoining forest areas for fuel wood.
- The Project proponent shall install Solar lights in the adjoining villages in consultation with local Authorities/Forest officials.
- Project Proponent shall install solar lights on the periphery of its premises.
- Regular health checkup of workers by recognized medical practitioners shall be ensured by the Project proponent and shall submit report to SEIAA along with six monthly compliance report.
- The project proponent will submit reports pertaining to ambient air quality, report pertaining to ground water quality and noise. These reports should be monitored and generated by a NABL approved laboratory having scope of it.
- The Project proponent will install advanced dust suppression system at the project site.
- The Project Proponent shall develop multi layered green belt around the periphery of the plant. The green belt thus developed should be on more than 10 percent of the project area. The project proponent will develop additional green belt in the surrounding areas to complete the requirement of 33% green belt of the project area. The project proponent shall plant fast growing species such as bamboo in the premises.
- The Project proponent shall plant fast growing species on both the sides of road connecting from the project premises to main road.
- The project proponent shall submit the NoC from CGWB for utilization of ground water.
- The project proponent shall undertake rain water harvesting activities in the surrounding villages preferably in the schools, primary health centers in consultation with local authorities.
- The Project Proponent shall follow all relevant directions/orders issued by Hon'ble High Court/NGT/ Supreme Court.
- This Environmental Clearance (E.C.) is subject to obtaining clearance under the Wildlife (Protection) Act, 1972 from the competent Authority as may be applicable to this project.
- The project proponent shall also submit six monthly reports on the status of the compliance of the stipulated E.C conditions including results of monitored data to this Authority and Integrated regional office of MoEF&CC, Govt of India at Dehradun.

Based on above observations and subject to conditions (**Annexure-1**), the committee recommended the above project for grant of Environmental Clearance.

### **Proposal – 3**

Online proposal No.	SIA/UK/INFRA2/403627/2022
Name of the Project	Proposed establishment of 200 TPH Stone Crusher Plant along with 900 KVA DG set at Khasra no- 273, 275, 276, 280 Village-Dhakrani, Pargana- Pachhuwadun, Tehsil- Vikasnagar, District-Dehradun.
Name & Address of Proponent	M/s Satyam Shivam Sundram Stone Crusher-2 by Shri Raipal Singh Bisht (Partner)
Whether New/Expansion/Modernization Project	New
Total Plot Area	1.0258 Ha.
Project Category	B2, (Orange Category as per Doon Valley Notification 1989 & 2020)



The project was submitted vide proposal no SIA/UK/INFRA2/403627/2022 on dated 28<sup>th</sup> January, 2023 by the project proponent. The committee observed that the proponent is seeking Environmental Clearance for Proposed establishment of 200 TPH Stone Crusher Plant along with 900 KVA DG set. The committee observed that this project activity is covered under Orange Category as per the Doon Valley Notification 1989 (as amended). The proponent has submitted detailed project related information in Form 1, Pre Feasibility Report and EMP.

The project proponent has requested SEAC vide his letter dated- 14.02.2023 to defer this proposal as the project proponent is unable to present the case due to unavoidable circumstances. Hence with the permission of the chair, the committee decided to defer the project.

#### Proposal – 4

Online proposal No.	SIA/UK/INFRA2/412938/2023
Name of the Project	Proposed Construction of Group Housing Project at Khasra No 605, 606, Narendra Nagar, District- Tehri Garhwal.
Name & Address of Proponent	M/s Terra Grande (A Unit of Shri Mahanand Leisure Valley Pvt. Ltd & Sabhaya Infra Build Pvt. Ltd.) by Shri Vinod Singh Bisht (Partner)
Whether New/Expansion Project	New
Total Plot Area	70280 m <sup>2</sup>
Total Build up Area	21566 m <sup>2</sup>
Project Category	8(a) enlisted in project /activity as per EIA Notification, 2006

The project was submitted vide proposal no SIA/UK/INFRA2/412938/2023 on dated 2<sup>nd</sup> January, 2023 by the project proponent. The committee observed that the proponent is seeking Environmental Clearance for Proposed Construction of Group Housing Project. The proponent has submitted detailed project related information in Form 1, Form 1-A, Conceptual Plan. **Project was prepared by Accredited consultancy firm Paramarsh Servicing Environment and Development and project was presented by Shri Surendar Vikram Gharvi, EIA Coordinator.** The details of the project are given below:-

S.No.	Parameters	Description						
1	Name of the Project	Environmental Clearance for Proposed Construction of Group Housing Project of <b>M/s Terra Grande</b> (a unit of Shri Mahanand Leisure Valley Pvt. Ltd. and Sabhaya Infra Build Pvt. Ltd.)						
2	Production Capacity	Proposed Cottage – 46 nos. Proposed Shopping Block – 01 No. Proposed Club House – 01 No. Proposed DG Set 1 No's - 500 KVA Proposed Guard House -01 No.						
3	Total Plot Area	70280 Sq m.						
4	Proposed Site Location	Khasra No. 605,606 Narendra Nagar, Tehri Garhwal, Uttarakhand.						
5	Coordinates of Project site	<table border="1"> <tr> <th>Pillar</th><th>Latitude</th><th>Longitude</th></tr> <tr> <td>A</td><td>30°16'00.65"N</td><td>78° 30'24.02"E</td></tr> </table>	Pillar	Latitude	Longitude	A	30°16'00.65"N	78° 30'24.02"E
Pillar	Latitude	Longitude						
A	30°16'00.65"N	78° 30'24.02"E						
6	Water Requirement (KLD)	Fresh water- 37.17 KLD Total water requirement – 47.34 KLD						
7	Source of Water	Municipal water supply through pipeline or Bore well.						
8	Waste Water Management Waste water generation Mode of Disposal	40KLD waste water will be generated which will be disposed through STP of 50 KLD						
9	Solid waste Generation & Disposal	Approx. 146 Kg/day Disposal – collection, segregation and disposal as per the norms.						
10	Hazardous Waste Generation & Disposal	Will be handed over to registered HW recyclers in case of spent/used oil generated from DG set.						
11	E-Waste	No e-waste generated.						
12	Green Area Development	33 % of plot area will be covered under plantation.						
13	Total Manpower	250 Nos.						
14	Electricity/Power requirement	450 KVA						
15	Alternate Power Source	DG Set 500 KVA						



16	Utilities	-
17	Land form, Land use and land ownership	Private land.
18	Project cost	1850 lakhs
19	Corporate Environment Responsibility (CER)	2% of project cost

The Committee after examining the original proposal and after going through the presentation done by the consultant has made the following observations-

- The project proponent is advised to submit the revised project cost.
- The project proponent is advised to submit the demolition plan and muck disposal plan of existing structure.
- The project proponent is advised to submit the revised layout plan indicating solid waste disposal site and action plan.
- The committee was of the view that few members of SEAC as nominated by the chair will visit the proposed site area for evaluating the ground conditions to assess the feasibility of this project and submit its site inspection report.

Hence the committee decided to defer the project till the project proponent submits the compliance report of above mentioned points.

#### Proposal – 5

Online proposal No.	SIA/UK/INFRA2/415740/2023
Name of the Project	Proposal for Proposed Compounding of 5 Stars Deluxe Hotel at Khasra No. 513, 605, PTC Road, Narendra Nagar, District - Tehri Garhwal.
Name & Address of Proponent	M/s Gupta Jee Tent Services Pvt. Ltd. by Shri Amit Kumar Gupta (Director)
Whether New/Expansion Project	New
Total Plot Area	17158.66 m <sup>2</sup>
Total Build up Area	28251.81 m <sup>2</sup>
Project Category	8(a) enlisted in project /activity as per EIA Notification, 2006

The project was submitted vide proposal no SIA/UK/INFRA2/415740/2023 on dated 25<sup>th</sup> January, 2023 by the project proponent. The committee observed that the proponent is seeking Environmental Clearance for Proposed Compounding of 5 Stars Deluxe Hotel. The proponent has submitted detailed project related information in Form 1, Form 1-A, Conceptual Plan. **Project was prepared by Accredited consultancy firm Paramarsh Servicing Environment and Development and project was presented by Shri Surendar Vikram Gharvi, EIA Coordinator.** The details of the project are given below:-

S.No.	Parameters	Description						
1	Name of the Project	Environmental Clearance for proposed "Compounding of 5 Star Deluxe Hotel for M/s Gupta Jee Tent Services Pvt. Ltd."						
2	Production Capacity	Proposed Guest Rooms with toilets- 109 Nos. Existing villas – 08 Nos. Proposed Kitchen- 01 Nos. Proposed Restaurant- 01Nos. Proposed Banquet hall& lawn- 01Nos. Proposed Bar- 01Nos. Proposed spa – 01Nos. Proposed Indoor game – 01Nos. Proposed gym – 01Nos.						
3	Total Plot Area	17,158.66 sq. m.						
4	Proposed Site Location	Khasra no. 513, 605 at PTC Road, Narendra Nagar, District – Tehri Garhwal, Uttarakhand.						
5	Coordinates of Project site	<table> <tr> <th>Pillar</th><th>Latitude</th><th>Longitude</th></tr> <tr> <td>A</td><td>30°09'45.77" N</td><td>78°17'54.02" E</td></tr> </table>	Pillar	Latitude	Longitude	A	30°09'45.77" N	78°17'54.02" E
Pillar	Latitude	Longitude						
A	30°09'45.77" N	78°17'54.02" E						
6	Water Requirement (KLD)	Total water requirement – 80.48 KLD Fresh water requirement - 40.19 KLD						
7	Source of Water	Municipal water supply through pipeline or Bore well.						
8	Waste Management	51 KLD waste water will be generated which will be disposed through STP of 60 KLD capacity						



	water generation Mode of Disposal	
9	Solid waste Generation & Disposal	Approx. 227.25 Kg/day Disposal – collection, segregation and disposal as per the UKPCB norms.
10	Hazardous Waste Generation & Disposal	HW generated will be in the form of Used/ Spent Oil from DG Set which will be handed over to registered HW recyclers.
11	E-Waste	No e-waste generated.
12	Green Area Development	33 % of plot area will be covered under plantation.
13	Total Manpower	50 No's
14	Electricity/Power requirement	800 KVA
15	Alternate Power Source	DG Set 2 no's – 2x410 KVA
16	Utilities	-
17	Land form, Land use and land ownership	Private land.
18	Project cost	4851.75 lakhs
19	Corporate Environment Responsibility (CER)	2% of project cost

The Committee after examining the original proposal and after going through the presentation done by the consultant has made the following observations-

- The project proponent is advised to submit the revised proposal as the project submitted by the project proponent is for compounding whereas the committee is of the view that the proposal should be for issuance of fresh Environmental Clearance (E.C).
- The project proponent is advised to submit the demolition plan and muck disposal plan of existing structure.
- The project proponent is advised to submit the revised layout plan indicating solid waste disposal site and action plan.
- The committee was of the view that few members of SEAC as nominated by the chair will visit the proposed site area for evaluating the ground conditions to assess the feasibility of this project and submit its site inspection report.

Hence the committee decided to defer the project till the project proponent submits the compliance report of above mentioned points.

#### Proposal – 6

Online proposal No.	SIA/UK/INFRA2/416230/2022
Name of the Project	Proposed establishment of 200 TPH Stone Crusher Plant along with 500 KVA DG set at Khasra No. 283 Ka, 284 Ka & 285, Village-Kainchiwala, Abdullapur, Sahaspur, Tehsil-Vikasnagar, District-Dehradun
Name & Address of Proponent	M/s Pachwadun Stone Crusher by Shri Sikander Singh (Partner)
Whether New/Expansion/Modernization Project	New
Total Plot Area	1.0253 Ha.
Project Category	B2, (Orange Category as per Doon Valley Notification 1989 & 2020)

The project was submitted vide proposal no SIA/UK/INFRA2/416230/2022 on dated 29<sup>th</sup> January, 2023 by the project proponent. The committee observed that the proponent is seeking Environmental Clearance for Proposed establishment of 200 TPH Stone Crusher Plant along with 500 KVA DG set. The committee observed that this project activity is covered under Orange Category as per the Doon Valley Notification 1989 (as amended). The proponent has submitted detailed project related information in Form 1, Pre Feasibility Report and EMP.

The project proponent has requested SEAC vide his mail dated- 13.02.2023 to defer this proposal as the project proponent is unable to present the case due to unavoidable circumstances. Hence with the permission of the chair, the committee decided to defer the project.



# **Proposal - 7**

<b>Online proposal No.</b>	SIA/UK/MIN/407293/2022
<b>Site Details</b>	Village - Garuwa Sirmoli, Tehsil- Kanda, Dist- Bageshwar.
<b>Name &amp; Address of Proponent</b>	Shri Darban Singh Parihar S/o Shri Guman Singh Parihar R/o-Village- Udalgaon, Post- Mostgaon, District- Bageshwar
<b>Coordinates</b>	Latitude- 29°51'8.30" N to 29°51'6.94" N Longitude- 79°55'45.34" E to 79°55'40.15" E
<b>Mining Lease Area</b>	5.809 Ha.
<b>Category</b>	B1 & 1(a) enlisted in project /activity as per EIA Notification, 2006

The project was submitted vide proposal no SIA/UK/MIN/407293/2022 on dated 21<sup>st</sup> November, 2022 by the project proponent. The committee observed that proponents seek Environmental Clearance for extraction of Soapstone in accordance with the provisions of EIA Notification, 2006 as enlisted in Schedule 1(a). The committee observed that the ToR was issued by the SEAC in the meeting vide no- 172/SEAC dated- 25.08.2020, the ToR letter was issued vide letter No.-176/SEAC dated-27.08.2020 and the public hearing was conducted on dated-28.12.2021. The project proponent has now submitted final EIA report consisting of chapters including description of environment, anticipated environmental impact and mitigation majors, environmental monitoring programme, project benefits, Disclosure of Consultants Engaged EMP etc. **Project was prepared by Accredited consultancy firm Cognizance Research India Pvt. Ltd. and project was presented by Shri Ankur Sharma, Managing Director & EIA Coordinator.** The details of the project are as follows:-

S. No	Details	Reply																																																																																																						
1	Name of the Proponent	Shri Darban Singh Parihar S/o Shri Guman Singh Parihar																																																																																																						
2	Project Site	Village - GaruwaSirmoli, Tehsil- Kanda &Dist- Bageshwar (U.K)																																																																																																						
3	Project Site Coordinates	<table> <tr> <th>PILLER NO.</th><th>LATITUDE</th><th>LONGITUDE</th></tr> <tr> <td align="center" colspan="3"><b>BLOCK-I</b></td></tr> <tr><td>A1</td><td>29°51'8.30"N</td><td>79°55'45.34"E</td></tr> <tr><td>A2</td><td>29°51'8.00"N</td><td>79°55'45.80"E</td></tr> <tr><td>A3</td><td>29°51'7.42"N</td><td>79°55'46.02"E</td></tr> <tr><td>A4</td><td>29°51'7.33"N</td><td>79°55'46.96"E</td></tr> <tr><td>A5</td><td>29°51'6.77"N</td><td>79°55'47.41"E</td></tr> <tr><td>A6</td><td>29°51'5.90"N</td><td>79°55'45.29"E</td></tr> <tr><td>A7</td><td>29°51'5.64"N</td><td>79°55'44.87"E</td></tr> <tr><td>A8</td><td>29°51'5.47"N</td><td>79°55'44.85"E</td></tr> <tr><td>A9</td><td>29°51'4.79"N</td><td>79°55'46.04"E</td></tr> <tr><td>A10</td><td>29°51'4.24"N</td><td>79°55'45.21"E</td></tr> <tr><td>A11</td><td>29°51'4.02"N</td><td>79°55'45.56"E</td></tr> <tr><td>A12</td><td>29°51'4.57"N</td><td>79°55'46.23"E</td></tr> <tr><td>A13</td><td>29°51'5.25"N</td><td>79°55'46.81"E</td></tr> <tr><td>A14</td><td>29°51'4.87"N</td><td>79°55'47.52"E</td></tr> <tr><td>A15</td><td>29°51'4.20"N</td><td>79°55'46.26"E</td></tr> <tr><td>A16</td><td>29°51'3.98"N</td><td>79°55'47.15"E</td></tr> <tr><td>A17</td><td>29°51'3.26"N</td><td>79°55'47.69"E</td></tr> <tr><td>A18</td><td>29°51'3.14"N</td><td>79°55'46.77"E</td></tr> <tr><td>A19</td><td>29°51'3.91"N</td><td>79°55'45.96"E</td></tr> <tr><td>A20</td><td>29°51'3.65"N</td><td>79°55'45.46"E</td></tr> <tr><td>A21</td><td>29°51'3.75"N</td><td>79°55'45.24"E</td></tr> <tr><td>A22</td><td>29°51'3.67"N</td><td>79°55'45.19"E</td></tr> <tr><td>A23</td><td>29°51'3.50"N</td><td>79°55'45.40"E</td></tr> <tr><td>A24</td><td>29°51'2.17"N</td><td>79°55'45.13"E</td></tr> <tr><td>A25</td><td>29°51'1.71"N</td><td>79°55'45.16"E</td></tr> <tr><td>A26</td><td>29°51'1.69"N</td><td>79°55'45.62"E</td></tr> <tr><td>A27</td><td>29°51'1.79"N</td><td>79°55'45.77"E</td></tr> <tr><td>A28</td><td>29°51'1.43"N</td><td>79°55'46.56"E</td></tr> <tr><td>A29</td><td>29°51'1.70"N</td><td>79°55'47.59"E</td></tr> <tr><td>A30</td><td>29°51'0.80"N</td><td>79°55'47.81"E</td></tr> <tr><td>A31</td><td>29°51'0.24"N</td><td>79°55'46.94"E</td></tr> <tr><td>A32</td><td>29°51'0.53"N</td><td>79°55'46.84"E</td></tr> </table>	PILLER NO.	LATITUDE	LONGITUDE	<b>BLOCK-I</b>			A1	29°51'8.30"N	79°55'45.34"E	A2	29°51'8.00"N	79°55'45.80"E	A3	29°51'7.42"N	79°55'46.02"E	A4	29°51'7.33"N	79°55'46.96"E	A5	29°51'6.77"N	79°55'47.41"E	A6	29°51'5.90"N	79°55'45.29"E	A7	29°51'5.64"N	79°55'44.87"E	A8	29°51'5.47"N	79°55'44.85"E	A9	29°51'4.79"N	79°55'46.04"E	A10	29°51'4.24"N	79°55'45.21"E	A11	29°51'4.02"N	79°55'45.56"E	A12	29°51'4.57"N	79°55'46.23"E	A13	29°51'5.25"N	79°55'46.81"E	A14	29°51'4.87"N	79°55'47.52"E	A15	29°51'4.20"N	79°55'46.26"E	A16	29°51'3.98"N	79°55'47.15"E	A17	29°51'3.26"N	79°55'47.69"E	A18	29°51'3.14"N	79°55'46.77"E	A19	29°51'3.91"N	79°55'45.96"E	A20	29°51'3.65"N	79°55'45.46"E	A21	29°51'3.75"N	79°55'45.24"E	A22	29°51'3.67"N	79°55'45.19"E	A23	29°51'3.50"N	79°55'45.40"E	A24	29°51'2.17"N	79°55'45.13"E	A25	29°51'1.71"N	79°55'45.16"E	A26	29°51'1.69"N	79°55'45.62"E	A27	29°51'1.79"N	79°55'45.77"E	A28	29°51'1.43"N	79°55'46.56"E	A29	29°51'1.70"N	79°55'47.59"E	A30	29°51'0.80"N	79°55'47.81"E	A31	29°51'0.24"N	79°55'46.94"E	A32	29°51'0.53"N	79°55'46.84"E
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	A33	29°51'0.43"N	79°55'46.58"E
	A34	29°51'0.06"N	79°55'46.64"E
	A35	29°50'59.16"N	79°55'45.99"E
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	A37	29°50'59.19"N	79°55'45.72"E
	A38	29°50'59.07"N	79°55'45.92"E
	A39	29°50'58.26"N	79°55'45.36"E
	A40	29°50'58.43"N	79°55'45.68"E
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	A50	29°51'1.14"N	79°55'48.83"E
	A51	29°51'2.39"N	79°55'50.02"E
	A52	29°51'2.41"N	79°55'50.47"E
	A53	29°51'2.57"N	79°55'50.56"E
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	A58	29°51'1.64"N	79°55'51.07"E
	A59	29°51'1.41"N	79°55'51.05"E
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	A61	29°51'0.47"N	79°55'51.51"E
	A62	29°51'0.03"N	79°55'50.28"E
	A63	29°50'59.41"N	79°55'49.73"E
	A64	29°50'59.84"N	79°55'48.80"E
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	A69	29°50'59.03"N	79°55'49.83"E
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	A72	29°51'0.21"N	79°55'51.66"E
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	A79	29°50'55.59"N	79°55'50.55"E
	A80	29°50'55.19"N	79°55'50.29"E
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	A90	29°50'56.04"N	79°55'46.28"E
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	A93	29°50'54.90"N	79°55'45.13"E
	A94	29°50'54.85"N	79°55'44.93"E
	A95	29°50'54.64"N	79°55'45.04"E
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		A97	29°50'55.12"N	79°55'44.00"E
		A98	29°50'55.33"N	79°55'44.39"E
		A99	29°50'55.04"N	79°55'44.85"E
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		A117	29°50'58.50"N	79°55'45.09"E
		A118	29°50'58.72"N	79°55'45.33"E
		A119	29°51'0.78"N	79°55'42.34"E
		A120	29°51'0.85"N	79°55'42.83"E
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		A138	29°51'6.90"N	79°55'44.89"E
		A139	29°51'7.41"N	79°55'44.70"E
		<b>Block-II</b>		
		A	29°51'7.16"N	79°55'41.74"E
		B	29°51'6.73"N	79°55'42.44"E
		C	29°51'6.41"N	79°55'43.61"E
		D	29°51'4.98"N	79°55'42.22"E
		E	29°51'4.89"N	79°55'41.71"E
		F	29°51'3.79"N	79°55'40.77"E
		G	29°51'5.17"N	<b>79°55'39.00"E</b>
		H	29°51'5.25"N	79°55'39.04"E
		I	29°51'5.07"N	79°55'39.80"E
		J	29°51'5.17"N	79°55'39.85"E
		K	29°51'5.45"N	79°55'39.09"E
		L	29°51'6.94"N	79°55'40.15"E
4	Type of project	Soapstone Mining Project		
5	Mine Lease Area	14.35Acre (5.809Ha)		
6	Project Category as per EIA Notification 2006	Category B-1		
7	New or On-going Site	Ongoing Site		
8	Land Status	Agriculture Land		
9	Letter of Intent	It is existing case of Mining lease deed executed on 24.06.2005 & expired on 23.06.2025		

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10	Method of Mining	Opencast Mechanized Mine
11	Total Geological Reserve	98685tonnes
12	Estimated Quantity	20061tonnes
13	Thickness of soil	0.20m
14	Mining Shall be carried out from	In pit-I 21m (1370mRL to 1391mRL) & In pit II-24m (1400mRL to 1424mRL)
15	Name of the River	-
16	Mine area under cluster	28.787Ha
17	Ecological Sensitive Map/zone	No Eco sensitive areas within 10 km buffer zone.
18	Slopes and ultimate face slope	Pit slope-34deg & face slope 68deg
19	No. of Pits	2
20	Project Cost/EMP Cost	100.102Lac/15.59Lac
21	Corporate Environment Responsibility (CER)	2.0Lac
22	Whether any tree felling is involved	-

Due to unavailability of updated District Survey Report (DSR) of concerned District. The committee decided to defer the project till the DSR is made available to SEIAA.

#### Proposal – 8

Online proposal No.	SIA/UK/MIS/284967/2022
Name of the Project	Proposed Construction of Hotel at Hollow Oak Estate, (Dick Road), Company Garden – Hathipaon Road, Mussoorie, Dehradun
Name & Address of Proponent	M/s Regency Holidayz Private Limited by Shri Prateek Karanwal
Whether New/Expansion Project	New
Total Plot Area	3518.651 m <sup>2</sup>
Project Category	8(a) enlisted in project /activity as per EIA Notification, 2006

The project was submitted vide proposal no SIA/UK/MIS/284967/2022 on dated 23<sup>rd</sup> July, 2022 by the project proponent. The committee observed that the proponent is seeking Environmental Clearance for Proposed Construction of Hotel. The proponent has submitted detailed project related information in Form 1, Form 1-A, Conceptual Plan. **Project was prepared by Accredited consultancy firm Paramarsh Servicing Environment and Development and project was presented by Shri Surendar Vikram Gharvi, EIA Coordinator.** The details of the project are given below:-

S.No.	Parameters	Description						
1	Name of the Project	Proposed Construction of Hotel M/S Regency Holidayz Private Limited						
2	Production Capacity	Proposed Guest Rooms with toilets –75 Nos. Proposed Kitchen– 02 Nos. Proposed Restaurant – 02 Nos. Proposed Banquet Hall & lawns – 01 Nos. Proposed Gym – 01 Nos. Proposed Bar – 01 Nos. Proposed 2-3 BHK cottages – 05 Nos. Proposed spa & wellness centre – 01 Nos. Proposed staff accommodation around 12 rooms Proposed swimming pool –02 Nos.						
3	Total Builtup Area	2325.75 Sq.m.						
4	Proposed Site Location	Hollow Oak Road(Dick Road), Company Garden – Hathipaon Road, Mussoorie, Dehradun, Uttarakhand-248179						
5	Coordinates of Project site	<table border="1"> <tr> <th>Pillar</th><th>Latitude</th><th>Longitude</th></tr> <tr> <td>A</td><td>30°27'47"N</td><td>78° 02'46.00"E</td></tr> </table>	Pillar	Latitude	Longitude	A	30°27'47"N	78° 02'46.00"E
Pillar	Latitude	Longitude						
A	30°27'47"N	78° 02'46.00"E						
6	Water Requirement (KLD)	Total water requirement – 73.59 KLD Fresh water requirement - 35.73 KLD						
7	Source of Water	Bore Well						
8	Waste Water Management Waste water generation Mode of Disposal	45.55 KLD waste water generated will be disposed through STP of 60 KLD						
9	Solid waste Generation &	Approx. 202 Kg/day						



	Disposal	Disposal – collection, segregation and disposal as per the UKPCB norms.
10	Hazardous Waste Generation & Disposal	HW generated will be in the form of Used/ Spent Oil from DG Set which will be handed over to registered HW recyclers.
11	E-Waste	No e-waste generated.
12	Green Area Development	33 % of plot area will be covered under plantation.
13	Total Manpower	60 Nos
14	Electricity/Power requirement	300 KVA
15	Alternate Power Source	DG Set 3 No's - 2×83 KVA & 1×200 KVA
16	Utilities	-
17	Land form, Land use and land ownership	Private land.
18	Project cost	2301.67 lakhs
19	Corporate Environment Responsibility (CER)	2% of project cost

The Committee after examining the original proposal and after going through the presentation done by the consultant has made the following observations-

- The Project proponent has submitted MDDA approved map of the previous commercial building and the revised MDDA approved plan for construction of the Hotel.
- The Project Proponent shall obtain clearance under the Wildlife (Protection) Act, 1972 from the competent Authority as may be applicable to this project.
- Construction site shall be adequately barricaded before the construction begins dust smoke and other air pollution measures shall be provided for the building as well as the site, these measures shall include screens for the building under construction continuous dust/wind breaking walls around the site (at least 3 meters high).
- Consent to Establish shall be obtained from Uttarakhand Pollution Control Board under relevant provisions of Central Air Act and Central Water Act before starting up of any construction activity at the site.
- The structural design and other aspects of the building shall comply with guidelines of National Building Code. This shall be ensured by concerned Department of State Government/Accredited Agencies.
- The building plan and structural design shall comply with requirements of Seismic Zone – IV as outlined in National Building Code.
- Notification GSR 94(E) dated 25-10-2018 of MOEF&CC regarding mandatory implementation of Dust Mitigation Measures for construction and Demolition activity for projects requiring Environmental Clearance shall be complied with.
- The disposal of muck should adhere to standards of general safety and health concerns of local people and also it should have no adverse effect on the neighbouring community.
- DG Sets shall be used only as backup power. The capacity of DG sets shall not exceed capacity of DG Set 3 No's - 2×83 KVA & 1×200 KVA and it should have stack height complying with CPCB norms.
- Fixtures of showers, toilet flushing and drinking should be of low flow either by use of aerators or pressure reducing devices/sensor based control. Dual plumbing system shall be installed separately for fresh water and waste water.
- The use of glass may be reduced by upto 40 percent to reduce the electricity consumption and load on air conditioning. If necessary then use of high quality double glass may be encouraged with special reflective coating in windows.
- The use of LED and such other power saving devices shall be maximized. Common areas and landscape areas shall be illuminated with solar lighting system. At least 40 percent of the total power requirement after completion of construction unit shall be met from solar energy.
- Rainwater harvesting for roof top and surface run off should be ensured as per the plan submitted. Before recharging the surface run off, pre treatment must be done to remove suspended matter, oil and other particles. The bore well for rain water recharging should be kept at 5 metres above the highest ground water table.
- One third of the total project site area shall be converted into green belt. The green belt shall not include kitchen garden, flower pots and grasses/herbs in the area. It shall comprise of tree stand of aesthetic/fruit/timber value. Quality planting material has to be used during plantation as per standards of State Forest Department.
- Acoustic enclosures shall be provided with all construction machineries and DG sets on site complying with Noise Levels of CPCB standards. The ambient air quality and



noise levels as per CPCB norms shall be ensured through a monitoring system as approved by UKPCB.

- The construction debris may be used for land fill or disposed through authorized vendors. The Hazardous substances generated during construction activity shall be disposed off as required by Hazardous Waste (Management, Handling) Rules, 1989 (as amended from time to time). Efforts shall be maximized for use of low toxicity substitutes and low VOC materials.
- The vehicles used at the construction site should comply with emission norms and noise level standards of CPCB and State Transport Department. They should be operated only during non peak hours.
- All necessary efforts shall be made to ensure safety and hygiene of workforce. First Aid facility shall be established and trained manpower to deal with emergency cases shall be engaged. The labour force engaged on site shall be screened for health from time to time.
- Adequate drinking water and sanitation facility has to be provided on site for the workforce. Provision should be made for supply of domestic fuel to the workforce so that they do not remain dependent on adjoining forest areas for fuel wood.
- The fire safety arrangements and emergency exit plan should be as per the norms of the concerned regulatory authority/agency.
- The entire site after construction activities should carry signages of garbage collection points, environment awareness etc.
- The proponent shall ensure safety measures against river meandering. It shall also undertake river meandering study in the locality and then construct suitable protective structures for river training
- Any wastes from construction and demolition activities related thereto shall be managed so as to strictly conform to the Construction and Demolition Rules, 2016.
- All workers working at the construction site and involved in loading, unloading carriage of construction material and construction debris or working in any area with dust pollution shall be provided with dust mask.
- Emergency preparedness plan based on the Hazard identification and Risk Assessment (HIRA) and Disaster Management Plan shall be implemented.
- A first aid room shall be provided in the project both during construction and operations of the project.
- The quantity of fresh water usage, water recycling and rainwater harvesting shall be measured and recorded to monitor the water balance as projected by the project proponent the record shall be submitted to the Regional office, MoEF&CC, 25 Subhash Road, Dehradun and SEIAA Uttarakhand along with six monthly monitoring reports.
- On site treatment of capacity of treating 100% waste water to be installed. The installation of the Sewage Treatment Plant (STP) shall be certified by an independent expert a report in this regard shall.
- A STP of capacity 60 KLD shall be installed for treating waste water upto tertiary level. Sewage Treatment Plant shall be complying with parameters of CPCB/ UKPCB guidelines. Treated water should be used for flushing, green belt development, road washing, DG cooling and other miscellaneous purposes.
- The excess treated waste water may be transported through tankers to adjoining construction sites or industrial areas as the demand arises.
- The installation of sewage treatment plant should be certified by an independent expert and a report in this regard should be submitted to the UKPCB. Necessary measures should be made to mitigate the odour problem from STP.
- Guidelines of Municipal Solid Waste (Management & Handling) Rules, 2000 (as amended from time to time) should be followed for disposal of solid waste. Two bin collection system for bio degradable and non bio degradable waste should be adopted. Bio degradable waste shall be sent to composting pit and non biodegradable/inert waste disposed off through authorized recyclers. STP sludge shall be dried and used as organic manure.
- DG sets shall be used only in emergency purpose. The use of solar energy and inverter shall be ensured and maximized as backup power.
- Adequate parking space shall be develop for staff and guests.
- Proper restroom and toilets shall be provided for service workers, drivers & accompanying staff, if any
- All directions of Fire Department shall be complied.
- Provisions shall be made for the integration of Solar Power System.
- The project proponent shall submit half yearly compliance report of stipulated conditions of Environment Clearance in soft copy through PARIVESH PORTAL



given link: <https://parivesh.nic.in>. Yearly monitoring of ground water table and quality should be carried out and should be submitted to SEIAA and UKPCB, Uttarakhand.

- No further expansion or modifications in the plant shall be carried out without prior approval of the Ministry of Environment, Forests and Climate Change (MoEF&CC)
- The above conditions shall be enforced, inter-alia under the provisions of the Water (Prevention & Control of Pollution) Act, 1974, the air (Prevention & Control of Pollution) Act, 1981, the Environment (Protection) Act 1986, Hazardous and other Wastes (Management and Transboundary Movement) Rules, 2016 and the Public Liability Insurance Act, 1991 along with their amendments and Rules and any other orders passed by the Hon'ble Supreme Court of India/High Courts and any other Court of Law relating to the subject matter.
- Project Proponent will operate on the principle of zero liquid discharge.
- Project Proponent will submit water balance chart especially in relation to maintaining zero liquid discharge.
- Project Proponent will adopt the green building concept.
- The Project Proponent shall follow all relevant directions/orders issued by Hon'ble High Court/NGT/ Supreme Court.
- Under CER, Project Proponent apart from other activities, will also install Solar lights and distribute forest fire fighting equipments to the local groups (Mahila mangal dal/ Yuvak mangal dal/ Vanpanchayat) in the adjoining villages close to forest areas in consultation with local Forest Officials. The project proponent will also strengthen the nearest government primary school in terms of infrastructure and other desired facilities.

Based on above observations and subject to conditions (Annexure-2), the committee recommended the above project for grant of Environmental Clearance.

#### **Consideration/Reconsideration of Proposals For Terms of Reference (ToR)**

##### **Proposal – 9**

<b>Online proposal No.</b>	SIA/UK/MIN/78030/2022
<b>Site Details</b>	Proposed Extraction of Soapstone at Village- Garuwa Sirmoli, Tehsil-Kanda, District-Bageshwar.
<b>Name &amp; Address of Proponent</b>	M/s Dhaulinaag Mines and Mineral by Shri Jagdish Chandra Lohani (Partner) Address- Nayna Vihar, Damuwdhunga Khatgodam, District-Nainital.
<b>Coordinates</b>	Latitude- 29°50'52.08"N to 29°50'55.88"N Longitude- 79°55'36.76"E to 79°55'34.19"E
<b>Mining Lease Area</b>	3.784 Ha.
<b>Category</b>	B2 & 1(a) enlisted in project /activity as per EIA Notification, 2006. But as per notification O.M No- F.No.L-11011/175/2018-IA-II(M) dated-12-12-2018, the project has been screened in to category B1 (cluster formation of >5 Ha with in 500 meter periphery of concerned mine).

The project was submitted vide proposal no SIA/UK/MIN/78030/2022 on dated 9<sup>th</sup> June, 2022 by the project proponent. The committee observed that the proponent is seeking Environmental Clearance for extraction of Soapstone in accordance with the provisions of EIA Notification, 2006 as enlisted in Schedule 1(a). As per the MoEF&CC No- 3181 dated- 14-08-2018 the project fall in B2. But according to latest O.M of MoEFF&CC Impact Assessment Division's O.M No- F.No.L-11011/175/2018-IA-II(M) dated-12-12-2018 the following mining project is falling in B1 category because there are other mine leases which are within the aerial distance of 500 meter of the above mining site. The proponent has submitted detailed project related information in Form 1, Pre Feasibility Report and EMP. Project was prepared by Accredited consultancy firm Cognizance Research India Pvt. Ltd. and project was presented by Shri Ankur Sharma, Managing Director & EIA Coordinator.

Hence, committee agreed to recommend ToR (Annexure-3) to the proponent for preparation of EIA report. The Project Proponent shall obtain clearance under the Wildlife (Protection) Act, 1972 from the competent Authority as may be applicable to this project. The Project Proponent shall follow all relevant directions/orders issued by Hon'ble High Court/NGT/ Supreme Court.




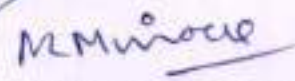
**Proposal – 10**

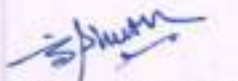
<b>Online proposal No.</b>	SIA/UK/MIN/81622/2022
<b>Site Details</b>	Proposed Extraction of Soapstone at Village- Bhatnikot, Tehsil & District-Bageshwar.
<b>Name &amp; Address of Proponent</b>	M/s D.K.D Mines by Smt. Neha Singh R/o - A-24, M.R-11, Road, Kanak Avenue, Lasudiamori, District-Indore, Madhya Pradesh.
<b>Coordinates</b>	Latitude- 29°52'6.99"N to 29°52'5.44"N Longitude- 79°48'13.86"E to 79°48'8.85"E
<b>Mining Lease Area</b>	5.657 Ha.
<b>Category</b>	B2 & 1(a) enlisted in project /activity as per EIA Notification, 2006.

The project was submitted vide proposal no SIA/UK/MIN/81622/2022 on dated 4<sup>th</sup> August, 2022 by the project proponent. The committee observed that the proponent is seeking Environmental Clearance for extraction of Soapstone in accordance with the provisions of EIA Notification, 2006 as enlisted in Schedule 1(a). The proponent has submitted detailed project related information in Form 1, Pre Feasibility Report and EMP. **Project was prepared by Accredited consultancy firm Cognizance Research India Pvt. Ltd. and project was presented by Shri Ankur Sharma, Managing Director & EIA Coordinator.**

Hence, committee agreed to recommend **ToR (Annexure-3)** to the proponent for preparation of EIA report. The Project Proponent shall obtain clearance under the Wildlife (Protection) Act, 1972 from the competent Authority as may be applicable to this project. The Project Proponent shall follow all relevant directions/orders issued by Hon'ble High Court/NGT/ Supreme Court.

  
(Shri S.S. Bist)  
Chairman, SEAC

  
(Dr. A.K. Minocha)  
Member, SEAC

  
(Dr. Ashutosh Gautam)  
Member, SEAC

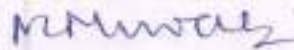
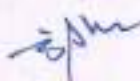
  
(Dr. B.P. Purohit)  
Member, SEAC

  
(Shri Nitish Mani Tripathi)  
Secretary, SEAC



#### Annexure-1

- 1) Consent to Establish/Consent to Operate shall be obtained from Uttarakhand Pollution Control Board under relevant provisions of Central Air Act and Central Water Act before starting up of any construction activity at the site.
- 2) The building plan and structural design of the unit shall comply with requirements of Seismic Zone – IV as outlined in National Building Code.
- 3) No further expansion or modifications in the plan shall be carried out without the prior approval of competent authority.
- 4) The Project Authority shall strictly comply with provisions of Doon Valley Notification, 1989 & 2020
- 5) During any type of construction in the existing land area, the topsoil excavated shall be used for backfilling/ landscape development/ green belt development. The same shall not be disposed off outside the boundaries of project site without approval of Competent Authority.
- 6) The groundwater samples shall be tested from accredited labs and it shall be ensured that test results comply with CPCB standards so as to ensure that there is no threat to groundwater quality by leaching of heavy metals and toxic contaminants.
- 7) All stacking and loading areas should be provided with proper garland drains equipped with baffles to prevent runoff from the site to enter any adjoining water body. Construction spoils including bituminous materials must not be allowed to contaminate watercourse and dumpsites as these may leach into ground water
- 8) The manufacturing process shall be carried out in closed atmosphere without having any air emissions. However air emissions from DG set should comply with CPCB norms by designing stack of adequate height
- 9) No waste water shall be discharged outside the plant boundary and 'Zero Discharge' shall be strictly adhered to permissible standards.
- 10) All the hazardous residue and wastes arising from units shall be either sent to TSDF for land filling or for incineration. Hazardous chemicals shall be stored in tanks in tank farms, drums, carboys etc.
- 11) The gaseous emissions ( $SO_x$ ,  $NO_x$ , CO, VOC and HC) and particulate matter along with RSPM levels from various process units shall conform to the standards prescribed by the concerned authorities from time to time. At no time, the emission levels shall go beyond the stipulated standards. In the event of failure of pollution control system adopted by the unit, the respective unit shall not be restarted until the control measures are rectified to achieve the desired efficiency.
- 12) Fugitive emissions in the work zone environment, product, raw materials and storage areas shall be regularly monitored. The emissions shall conform to the limits imposed by the UKPCB/Central Pollution Control Board. Dust / Powder from the formulation process shall be collected by dust extractor.
- 13) The project authorities shall strictly comply with the rules and guidelines under Manufacture, Storages and Import of Hazardous Chemicals Rules, 1989, as amended from time to time. Authorization from the UKPCB shall be obtained for collection, treatment, storage, and disposal of hazardous wastes.
- 14) The DG sets shall use Low Sulphur Diesel type fuel and should have stack height complying with CPCB norms. DG set should be operated only during power failure in emergency situation.
- 15) The ambient air quality and noise levels as per CPCB norms shall be ensured through a monitoring system. Dust Suppression during construction activity shall be ensured. Acoustic enclosures shall be provided with all machineries and DG sets on site complying with Noise Levels as per CPCB standards.
- 16) All liquid raw materials shall be stored in storage tanks and drums. Closed handling systems for chemicals and solvents shall be provided. Magnetic seals shall be provided for pumps/agitators for reactors for reductions of fugitive emissions.
- 17) The vehicles used at the factory site should comply with emission norms and noise level standards of CPCB and State Transport Department. They should be operated only during non peak hours.





- 18) All necessary efforts shall be made to ensure safety and hygiene of workforce. First Aid facility shall be established and trained manpower to deal with emergency cases shall be engaged. The labour force engaged on site shall be screened for health from time to time
- 19) Adequate drinking water and sanitation facility shall be provided on site for the workforce. Provision shall be made for supply of domestic fuel to the workforce so that they do not remain dependent on adjoining forest areas for fuel wood.
- 20) Training shall be imparted to all employees on safety and health aspects of handling of chemicals. Pre-employment and routine periodical medical examinations for all employees shall be undertaken on regular basis.
- 21) A separate Environmental Management Cell equipped with full fledged laboratory facilities shall be set up to carry out the Environmental Management and Monitoring functions.
- 22) The fire safety arrangements and emergency exit plan should be as per the norms of the concerned regulatory authority/agency.
- 23) Rainwater harvesting for surface run off shall be ensured. Before recharging the surface run off, pre treatment must be done to remove suspended matter, oil and other particles.
- 24) Energy consumption measures like installation of LED/TFL for the external lighting area shall be ensured. The used LED/TFL shall be properly collected and disposed off as per the prevailing guidelines/rules of the regulatory authority to avoid mercury contamination.
- 25) One third of the total project site area shall be converted into green belt. The green belt shall not include kitchen garden, flower pots and grasses/herbs in the area. It shall comprise of tree stand of aesthetic/fruit/timber value. Quality planting material shall be used during plantation in consultation with State Forest Department. The species should include criterion of fruit bearing and fast growth.
- 26) Solar panel/energy should be encouraged/installed in the premises.
- 27) The project proponent shall undertake in eco-developmental measures including community welfare measures in the project area for the overall improvement of the environment.
- 28) The project proponent shall ensure compliance to provisions of the all Acts, Rules, Regulations and Guidelines, for the time being in force, as applicable to the project.
- 29) The project proponent shall also submit six monthly reports on the status of the compliance of the stipulated E.C conditions including results of monitored data to this Authority and Integrated regional office of MoEF&CC, Govt of India at Dehradun.

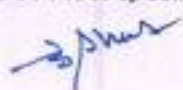
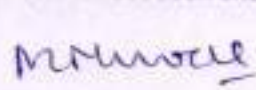
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## Annexure-02

- 1.1. Consent to Establish shall be obtained from Uttarakhand Pollution Control Board under relevant provisions of Central Air Act and Central Water Act before starting up of any construction activity at the site
- 1.2. No further expansion or modifications in the plan shall be carried out without the prior approval of competent authority.
- 1.3. The Site Lay out plan and Building plan should have been approved by the concerned Department/Agency of the State Government before work start up at the construction site. The structural design and other aspects of the building shall comply with guidelines of National Building Code. This shall be ensured by concerned Department of State Government/Accredited Agencies
- 1.4. The building plan and structural design shall comply with requirements of Seismic Zone – IV as outlined in National Building Code
- 1.5. The topsoil excavated during construction work shall be used for backfilling/landscape development/green belt development. The same shall not be disposed off outside the boundaries of project site without approval of Competent Authority
- 1.6. The onsite levelling and dressing should ensure minimal vegetation clearing and soil erosion. If necessary organic mulching should be done to avoid soil erosion. There shall not be any felling of green trees for the purpose of this project
- 1.7. The disposal of muck should adhere to standards of general safety and health concerns of local people and also it should have no adverse effect on the neighbouring community. The muck shall not be disposed off in adjoining forest areas without meeting requirements of Forest (Conservation) Act, 1980.
- 1.8. Temporary storage units should be erected in the construction site and transportation of construction materials shall be restricted to non-peak hours. The dust pollution shall be suppressed by regular water sprinkling
- 1.9. The use of ready mixed concrete/premised concrete, curing agents and other such practices shall be adopted to minimize use of water on site
- 1.10. All stacking and loading areas should be provided with proper gariand drains equipped with baffles to prevent runoff from the site to enter any adjoining water body. Construction spoils including bituminous materials must not be allowed to contaminate watercourse and dumpsites as such materials leach into ground water.
- 1.11. The water requirement during construction phase shall be met from regular water supply/private tankers. There shall be no extraction of ground water and water requirement for the project in operational phase shall be met entirely from private tankers. Construction work requiring water shall not be carried out during 30<sup>th</sup> April to 15<sup>th</sup> June in the year
- 1.12. The soil and groundwater samples shall be tested from accredited agencies and it shall be ensured that they comply with CPCB standards so as to ensure that there is no threat to groundwater quality by leaching of heavy metals and toxic contaminants.
- 1.13. DG Sets shall be used only as backup power. The capacity of DG sets shall not exceed capacity 250 KVA and it should have stack height complying with CPCB norms.
- 1.14. Fixtures of showers, toilet flushing and drinking should be of low flow either by use of aerators or pressure reducing devices/sensor based control. Dual plumbing system shall be installed separately for fresh water and waste water.
- 1.15. The use of glass may be reduced by upto 40 percent to reduce the electricity consumption and load on air conditioning. If necessary then use of high quality double glass may be encouraged with special reflective coating in windows.
- 1.16. The use of LED and such other power saving devices shall be maximized. Common areas and landscape areas shall be illuminated with solar lighting system. At least 10 percent of the total power requirement after completion of construction unit shall be met from solar energy.
- 1.17. Opaque wall should meet prescriptive requirement as per Energy Conservation Building Code, 2006 which is proposed to be mandatory for all air-conditioned spaces while non air-conditioned spaces should have appropriate thermal insulation materials. The U values of the roof, external wall and fenestration shall also meet specifications of ECBC, 2006.





1.18. Rainwater harvesting for roof top and surface run off should be ensured as per the plan submitted. Before recharging the surface run off, pre treatment must be done to remove suspended matter, oil and other particles. The bore well for rain water recharging should be kept at 5 metres above the highest ground water table

1.19. The storm water management shall be so designed as to avoid discharge of water directly to the forest areas/adjoining locality which may lead to water logging in nearby areas. The storm water shall be put to use for recharging of aquifers and also pond creation within the campus

1.20. One third of the total project site area shall be converted into green belt. The green belt shall not include kitchen garden, flower pots and grasses/herbs in the area. It shall comprise of tree stand of aesthetic/fruit/timber value. Quality planting material has to be used during plantation as per standards of State Forest Department.

1.21. Acoustic enclosures shall be provided with all construction machineries and DG sets on site complying with Noise Levels of CPCB standards. The ambient air quality and noise levels as per CPCB norms shall be ensured through a monitoring system as approved by UEPPCB.

1.22. The construction debris may be used for land fill or disposed through authorized vendors. The Hazardous substances generated during construction activity shall be disposed off as required by Hazardous Waste (Management, Handling) Rules, 1989 (as amended from time to time). Efforts shall be maximized for use of low toxicity substitutes and low VOC materials.

1.23. The construction work shall be restricted to Sunrise to Sunset period in a day. Any construction activity beyond this period shall be subject to approval of Competent/Designated Authority from time to time.

1.24. The vehicles used at the construction site should comply with emission norms and noise level standards of CPCB and State Transport Department. They should be operated only during non peak hours.

1.25. All necessary efforts shall be made to ensure safety and hygiene of workforce. First Aid facility shall be established and trained manpower to deal with emergency cases shall be engaged. The labour force engaged on site shall be screened for health from time to time.

1.26. Adequate drinking water and sanitation facility has to be provided on site for the workforce. Provision should be made for supply of domestic fuel to the workforce so that they do not remain dependent on adjoining forest areas for fuel wood.

1.27. The use of plastics during construction activity shall be bare minimum and efforts to use timber substitute materials should be maximized.

1.28. The fire safety arrangements and emergency exit plan should be as per the norms of the concerned regulatory authority/agency.

1.29. The entire site after construction activities should carry signages of garbage collection points, environment awareness etc.

1.30. A STP shall be installed for treating waste water upto permissible standards and complying with parameters of CPCB/UEPPCB guidelines & no treated waste water is allowed to take outside the premises for any uses.

1.31. Guidelines of Municipal Solid Waste (Management & Handling) Rules, 2000 (as amended from time to time) should be followed for disposal of solid waste. Two bin collection system for bio degradable and non bio degradable waste should be adopted. Bio degradable waste shall be sent to composting pit and non biodegradable/inert waste disposed off through authorized recyclers. STP sludge shall be dried and used as organic manure.

1.32. Energy consumption measures like installation of LED/TFLS for the external lighting area should be ensured. The disposal of used LED/TFLS should be properly collected and disposed off as per the prevailing guidelines/rules of the regulatory authority to avoid mercury contamination.

1.33. DG sets shall be used only in emergency purpose. The use of solar energy and inverter shall be ensured and maximized as backup power.

1.34. Solar panel/energy should be encouraged/installed in the premises.

1.35. The project proponent shall ensure compliance to provisions of the all Acts, Rules, Regulations and Guidelines from time to time in force, as applicable to the project.

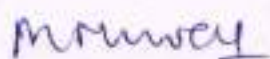


1.36. The project proponent shall also submit six monthly reports on the status of the compliance of the stipulated E.C conditions including results of monitored data to this Authority and Integrated regional office of MoEF&CC, Govt of India at Dehradun.













Terms of Reference (ToR)

Terms of Reference (TOR) for preparation of Environmental Impact Assessment (EIA) and Environmental Management Plan (EMP) for "Mining of Minerals" as per the EIA Notification, 2006 has been devised to improve the quality of the reports and facilitate decision-making transparent and easy. TOR will help the project proponents to prepare report with relevant project specific data and easily interpretable information. TOR for mining of minerals is expected to cover all environmental related features.

Mining of minerals plays a positive role in the process of country's economic development. In addition to the contribution towards economic growth, mining can also be a major source of degradation of physical as well as social environment, unless it is properly managed. Environmental impacts can arise during all activities of the mining process. Minimizing the damage due to mining operations depends on sound environmental practices in a framework of balanced environmental legislation. The potential adverse effects of mining activities include air pollution, surface and groundwater pollution, noise and vibration, damage to local ecology, natural topography and drainage, depletion of water resources etc. All these environmental components are required to be considered while selecting a proper methodology of mining, mitigation measures to reduce pollution load, conservation of natural resources etc.

The projects of mining of minerals as stated in the schedule require prior environment clearance under the EIA notification, 2006. Category 'A' Projects are handled in the MoEF&CC and Category 'B' projects are being handled by the respective State Environment Impact Assessment Authorities (SEIAAs) notified by MoEF&CC and following the procedure prescribed under the EIA Notification, 2006. As per this Notification, as amended, the projects of mining of minerals with mining lease area equal to or greater than 50 hectare are to be handled at the level of the MoEF&CC for grant of EC. Such projects with mining lease area less than 50 hectare are to be handled by the respective State Environment Impact Assessment Authority (SEIAA).

**1(a): STANDARD TERMS OF REFERENCE FOR CONDUCTING ENVIRONMENT IMPACT ASSESSMENT STUDY FOR NON-COAL MINING PROJECTS AND INFORMATION TO BE INCLUDED IN EIA/EMP REPORT**

- 1) Year-wise production details since 1994 should be given, clearly stating the highest production achieved in any one year prior to 1994. It may also be categorically informed whether there had been any increase in production after the EIA Notification 1994 came into force, w.r.t. the highest production achieved prior to 1994.
- 2) A copy of the document in support of the fact that the Proponent is the rightful lessee of the mine should be given.
- 3) All documents including approved mine plan, EIA and Public Hearing should be compatible with one another in terms of the mine lease area, production levels, waste generation and its management, mining technology etc. and should be in the name of the lessee. The above reports should also match with the latest District Survey Report (DSR) notification dated 25<sup>th</sup> July, 2018. **Data obtained from this DSR should be incorporated in the EIA Report for Impact Identification, Interpretation, Prediction, Carrying Capacity and Mitigation.**
- 4) All corner coordinates of the mine lease area, superimposed on a High Resolution Imagery/toposheet, topographic sheet, geomorphology and geology of the area should be provided. Such an imagery of the proposed area should clearly show the land use and other ecological features of the study area (core and buffer zone).
- 5) Information should be provided in Survey of India Toposheet in 1:50,000 scale indicating geological map of the area, geomorphology of land forms of the area, existing minerals and mining history of the area, important water bodies, streams and rivers and soil characteristics.
- 6) Details about the land proposed for mining activities should be given with information as to whether mining conforms to the land use policy of the State; land diversion for mining should have approval from State land use board or the concerned authority.
- 7) It should be clearly stated whether the proponent Company has a well laid down Environment Policy approved by its Board of Directors? If so, it may be spelt out in the EIA Report with description of the prescribed operating process/procedures to bring into focus any infringement/deviation/violation of the environmental or forest norms/ conditions? The hierarchical system or administrative order of the Company to deal with the environmental issues and for ensuring compliance with the EC conditions may also be given. The system of reporting of non-compliances / violations of environmental norms to the Board of Directors of the Company and/or shareholders or stakeholders at large, may also be detailed in the EIA Report.

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- 8) Issues relating to Mine Safety, including subsidence study in case of underground mining and slope study in case of open cast mining, blasting study etc. should be detailed. The proposed safeguard measures in each case should also be provided.
- 9) The study area will comprise of 10 km zone around the mine lease from lease periphery and the data contained in the EIA such as waste generation etc. should be for the life of the mine / lease period.
- 10) Land use of the study area delineating forest area, agricultural land, grazing land, wildlife sanctuary, national park, migratory routes of fauna, water bodies, human settlements and other ecological features should be indicated. Land use plan of the mine lease area should be prepared to encompass preoperational, operational and post operational phases and submitted. Impact, if any, of change of land use should be given.
- 11) Details of the land for any Over Burden Dumps outside the mine lease, such as extent of land area, distance from mine lease, its land use, R&R issues, if any, should be given.
- 12) A Certificate from the Competent Authority in the State Forest Department should be provided, confirming the involvement of forest land, if any, in the project area. In the event of any contrary claim by the Project Proponent regarding the status of forests, the site may be inspected by the State Forest Department along with the Regional Office of the Ministry to ascertain the status of forests, based on which, the Certificate in this regard as mentioned above be issued. In all such cases, it would be desirable for representative of the State Forest Department to assist the Expert Appraisal Committees.
- 13) Status of forestry clearance for the broken up area and virgin forestland involved in the Project including deposition of net present value (NPV) and compensatory afforestation (CA) should be indicated. A copy of the forestry clearance should also be furnished.
- 14) Implementation status of recognition of forest rights under the Scheduled Tribes and other Traditional Forest Dwellers (Recognition of Forest Rights) Act, 2006 should be indicated.
- 15) The vegetation in the RF / PF areas in the study area, with necessary details, should be given.
- 16) A study shall be got done to ascertain the impact of the Mining Project on wildlife of the study area and details furnished. Impact of the project on the wildlife in the surrounding and any other protected area and accordingly, detailed mitigative measures required, should be worked out with cost implications and submitted.
- 17) Location of National Parks, Sanctuaries, Biosphere Reserves, Wildlife Corridors, Ramsar site Tiger/Elephant Reserves/(existing as well as proposed), if any, within 10 km of the mine lease should be clearly indicated, supported by a location map duly authenticated by Chief Wildlife Warden. Necessary clearance, as may be applicable to such projects due to proximity of the ecologically sensitive areas as mentioned above, should be obtained from the Standing Committee of National Board of Wildlife and copy furnished.
- 18) A detailed biological study of the study area [core zone and buffer zone (10 km radius of the periphery of the mine lease)] shall be carried out. Details of flora and fauna, endangered, endemic and RET Species duly authenticated, separately for core and buffer zone should be furnished based on such primary field survey, clearly indicating the Schedule of the fauna present. In case of any scheduled- I fauna found in the study area, the necessary plan along with budgetary provisions for their conservation should be prepared in consultation with State Forest and Wildlife Department and details furnished. Necessary allocation of funds for implementing the same should be made as part of the project cost.
- 19) Proximity to Areas declared as 'Critically Polluted' or the Project areas likely to come under the 'Aravali Range', (attracting court restrictions for mining operations), should also be indicated and where so required, clearance certifications from the prescribed Authorities, such as the SPCB or State Mining Department should be secured and furnished to the effect that the proposed mining activities could be considered.
- 20) Similarly, for coastal Projects, A CRZ map duly authenticated by one of the authorized agencies demarcating LTL, HTL, CRZ area, location of the mine lease w.r.t CRZ, coastal features such as mangroves, if any, should be furnished. (Note: The Mining Projects falling under CRZ would also need to obtain approval of the concerned Coastal Zone Management Authority).
- 21) R&R Plan/compensation details for the Project Affected People (PAP) should be furnished. While preparing the R&R Plan, the relevant State/National Rehabilitation & Resettlement Policy should be kept in view. In respect of SCs /STs and other weaker sections of the society in the study area, a need based sample survey, family-wise, should be undertaken to assess their requirements, and action programmes prepared and submitted accordingly, integrating the sectoral programmes of line departments of the State Government. It may be clearly brought out whether the village(s) located in the mine lease area will be shifted or not. The issues relating to



shifting of village(s) including their R&R and socio-economic aspects should be discussed in the Report.

- 22) One season (non-monsoon) [i.e. March-May (Summer Season); October-December (post monsoon season) ; December-February (winter season)] primary baseline data on ambient air quality as per CPCB Notification of 2009, water quality, noise level, soil and flora and fauna shall be collected and the AAQ and other data so compiled presented date-wise in the EIA and EMP Report. Site-specific meteorological data should also be collected. The location of the monitoring stations should be such as to represent whole of the study area and justified keeping in view the pre-dominant downwind direction and location of sensitive receptors. There should be at least one monitoring station within 500 m of the mine lease in the pre-dominant downwind direction. The mineralogical composition of PM10, particularly for free silica, should be given.
- 23) Air quality modeling should be carried out for prediction of impact of the project on the air quality of the area. It should also take into account the impact of movement of vehicles for transportation of mineral. The details of the model used and input parameters used for modeling should be provided. The air quality contours may be shown on a location map clearly indicating the location of the site, location of sensitive receptors, if any, and the habitation. The wind roses showing pre-dominant wind direction may also be indicated on the map.
- 24) The water requirement for the Project, its availability and source should be furnished. A detailed water balance should also be provided. Fresh water requirement for the Project should be indicated.
- 25) Necessary clearance from the Competent Authority for drawl of requisite quantity of water for the Project should be provided.
- 26) Description of water conservation measures proposed to be adopted in the Project should be given. Details of rainwater harvesting proposed in the Project, if any, should be provided.
- 27) Impact of the Project on the water quality, both surface and groundwater, should be assessed and necessary safeguard measures, if any required, should be provided.
- 28) Based on actual monitored data, it may clearly be shown whether working will intersect groundwater. Necessary data and documentation in this regard may be provided. In case the working will intersect groundwater table, a detailed Hydro Geological Study should be undertaken and Report furnished. The Report inter-alia, shall include details of the aquifers present and impact of mining activities on these aquifers. Necessary permission from Central Ground Water Authority for working below ground water and for pumping of ground water should also be obtained and copy furnished.
- 29) Details of any stream, seasonal or otherwise, passing through the lease area and modification/diversion proposed, if any, and the impact of the same on the hydrology should be brought out.
- 30) Information on site elevation, working depth, groundwater table etc. Should be provided both in AMSL and bgl. A schematic diagram may also be provided for the same.
- 31) A time bound Progressive Greenbelt Development Plan shall be prepared in a tabular form (indicating the linear and quantitative coverage, plant species and time frame) and submitted, keeping in mind, the same will have to be executed up front on commencement of the Project. Phase-wise plan of plantation and compensatory afforestation should be charted clearly indicating the area to be covered under plantation and the species to be planted. The details of plantation already done should be given. The plant species selected for green belt should have greater ecological value and should be of good utility value to the local population with emphasis on local and native species and the species which are tolerant to pollution.
- 32) Impact on local transport infrastructure due to the Project should be indicated. Projected increase in truck traffic as a result of the Project in the present road network (including those outside the Project area) should be worked out, indicating whether it is capable of handling the incremental load. Arrangement for improving the infrastructure, if contemplated (including action to be taken by other agencies such as State Government) should be covered. Project Proponent shall conduct Impact of Transportation study as per Indian Road Congress Guidelines.
- 33) Details of the onsite shelter and facilities to be provided to the mine workers should be included in the EIA Report.
- 34) Conceptual post mining land use and Reclamation and Restoration of mined out areas (with plans and with adequate number of sections) should be given in the EIA report.
- 35) Occupational Health impacts of the Project should be anticipated and the proposed preventive measures spelt out in detail. Details of pre-placement medical examination and periodical medical examination schedules should be incorporated in the EMP. The project specific occupational health mitigation measures with required facilities proposed in the mining area may be detailed.

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- 36) Public health implications of the Project and related activities for the population in the impact zone should be systematically evaluated and the proposed remedial measures should be detailed along with budgetary allocations.
- 37) Measures of socio economic significance and influence to the local community proposed to be provided by the Project Proponent should be indicated. As far as possible, quantitative dimensions may be given with time frames for implementation.
- 38) Detailed environmental management plan (EMP) to mitigate the environmental impacts which, should inter-alia include the impacts of change of land use, loss of agricultural and grazing land, if any, occupational health impacts besides other impacts specific to the proposed Project.
- 39) Public Hearing points raised and commitment of the Project Proponent on the same along with time bound Action Plan with budgetary provisions to implement the same should be provided and also incorporated in the final EIA/EMP Report of the Project.
- 40) Details of litigation pending against the project, if any, with direction /order passed by any Court of Law against the Project should be given.
- 41) The cost of the Project (capital cost and recurring cost) as well as the cost towards implementation of EMP should be clearly spelt out.
- 42) A Disaster management Plan shall be prepared and included in the EIA/EMP Report.
- 43) Benefits of the Project if the Project is implemented should be spelt out. The benefits of the Project shall clearly indicate environmental, social, economic, employment potential, etc.

**44) Besides the above, the below mentioned general points are also to be followed:-**

- a) Executive Summary of the EIA/EMP Report
- b) All documents to be properly referenced with index and continuous page numbering.
- c) Where data are presented in the Report especially in Tables, the period in which the data were collected and the sources should be indicated.
- d) Project Proponent shall enclose all the analysis/testing reports of water, air, soil, noise etc. using the MoEF&CC/NABL accredited laboratories. All the original analysis/testing reports should be available during appraisal of the Project.
- e) Where the documents provided are in a language other than English, an English translation should be provided.
- f) The Questionnaire for environmental appraisal of mining projects as devised earlier by the Ministry shall also be filled and submitted.
- g) While preparing the EIA report, the instructions for the Proponents and instructions for the Consultants issued by MoEF&CC vide O.M. No. J-11013/41/2006-IA.II(I) dated 4th August, 2009, which are available on the website of this Ministry, should be followed.
- h) Changes, if any made in the basic scope and project parameters (as submitted in Form-I and the PFR for securing the TOR) should be brought to the attention of MoEF&CC with reasons for such changes and permission should be sought, as the TOR may also have to be altered. Post Public Hearing changes in structure and content of the draft EIA/EMP (other than modifications arising out of the P.H. process) will entail conducting the PH again with the revised documentation.
- i) As per the circular no. J-11011/618/2010-IA.II(I) dated 30.5.2012, certified report of the status of compliance of the conditions stipulated in the environment clearance for the existing operations of the project, should be obtained from the Regional Office of Ministry of Environment, Forest and Climate Change, as may be applicable.
- j) The EIA report should also include (i) surface plan of the area indicating contours of main topographic features, drainage and mining area, (ii) geological maps and sections and (iii) sections of the mine pit and external dumps, if any, clearly showing the land features of the adjoining area.

**Note:** 1) The study area shall comprise of radial distance of 10 KM from the project site and the study period is three months. The impact on each of the above parameter as a result of mining shall be assessed through appropriate modeling and prediction methods considering base line data.

2) District Survey Report should be submitted as per the latest notification issued by MoEF&CC.

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