

State Level Expert Appraisal Committee, Uttarakhand
"GauradeviParyavaranBhawan, 3rdFloor,
46-B, I.T. Park, Sahastradhara Road, Dehradun"

Letter No: **33**/SEAC
Dated: **17**, August, 2023

The Second day of the 12th meeting of the Uttarakhand State Level Expert Appraisal Committee (SEAC) was held on 17th August, 2023 at the SEIAA/SEAC office Dehradun. The following were present at the meeting –

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	Member 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 Mining (R.B.M/Soapstone)& Common Municipal Solid Management Waste (CMSWM) etc. The concerned recognized environment consultants of the proponents made the presentations.

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

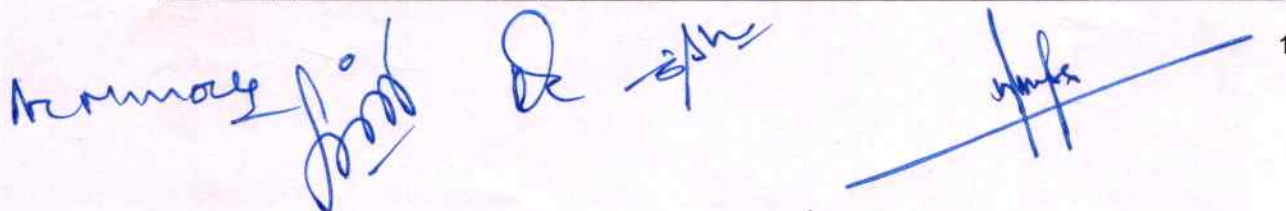
Proposal – 1

Online proposal No.	SIA/UK/MIN/437122/2023
Site Details	Proposed Extraction of Sand/Bajri/Boulder at Khasra No.- 38, 40, 41, 5/1 & 55/1, Village- Ukrauli & Meravarana, Tehsil- Sitarganj, District- Udham Singh Nagar
Name & Address of Proponent	M/s Guru Nanak Enterprises R/o- Sood Colony, Bhoona Islam Nagar, Tehsil- Bajpur, District- Udham Singh Nagar
Coordinates	Latitude- 29°2'50.212"N to 29° 2'51.305"N Longitude- 79°41'28.230"E to 79°41'37.289"E
Mining Lease Area	12.59 Ha.
Category	B2 & 1(a) enlisted in project /activity as per EIA Notification, 2006

The project was submitted vide proposal no SIA/UK/MIN/437122/2023 on dated 18th July, 2023 by the project proponent. The committee observed that proponents seek Environmental Clearance for extraction of Sand/Bajri/Boulder (**River Bed Material**) in accordance with the provisions of EIA Notification, 2006 as enlisted in Schedule 1(a). The committee observed that the ToR was granted by the SEAC in its meeting dated- 30.09.2021, the ToR letter was issued vide letter No.-247/SEAC dated-08.10.2021 and the public hearing was conducted on dated- 12.10.2022. The project proponent has now submitted final EIA report with fresh data of one season the EIA report submitted by the proponent consists of following chapters- 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 given below:-

S.No	Parameters	Description
1.	Name of the Project Proponent	M/s Guru Nanak Enterprises
2.	Registered Address	R/o. – Sood Colony, Bhoona Islam Nagar, Tehsil- Bajpur, District- Udham Singh Nagar, and Uttarakhand.
3.	Full correspondence address of proponent and mobile no.	M/s Guru Nanak Enterprises R/o. – Sood Colony, Bhoona Islam Nagar, Tehsil- Bajpur, District- Udham Singh Nagar, and Uttarakhand.
4.	Name of Project	Sand, Bajri & Boulder Mining Project on Kailash River
5.	Project Location (Plot.Khasra/Gata No.)	Gata No. 38, 40, 41, 5/1 and 55/1

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6.	Name of Village	Ukrauli & Meravarana,	
7.	Tehsil	Tehsil- Sitarganj	
8.	District	Udham Singh Nagar	
9.	State	Uttarakhand	
10.	Name of Minor Mineral	Sand Bajri Boulder	
11.	Sanctioned Lease Area (in Ha.)	12.59	
12.	Max. & Min mRL within lease area	214.0 Mrl to 217.50 mrl	
13.	Pillar Coordinates (Verified by DMO)		
14.	S. No.	River	Coordinates
			LatitudeLongitude
	A	Kailash River Area- 12.59 Ha	29° 2'50.212"N79°41'28.230"E
	B		29° 2'43.442"N79°41'30.398"E
	C		29° 2'39.396"N79°41'31.584"E
	D		29° 2'32.674"N79°41'35.131"E
	E		29° 2'30.510"N79°41'34.941"E
	F		29° 2'26.110"N79°41'36.301"E
	G		29° 2'24.840"N79°41'38.881"E
	H		29° 2'25.218"N79°41'41.016"E
	I		29° 2'29.350"N79°41'39.869"E
	J		29° 2'33.590"N79°41'39.209"E
	K		29° 2'40.613"N79°41'36.577"E
	L		29° 2'45.710"N79°41'36.283"E
	M		29° 2'46.284"N79°41'38.891"E
	N		29° 2'49.756"N79°41'37.939"E
	O		29° 2'51.305"N79°41'37.289"E
15.	Letter of Intent	40/VII-1/19/02(3)/2019, Dehradun, Dated-05/02/2019	
16.	Mine Plan approval details	2767/Khanan/Bhuokhani0E0/E-Nivida/Mine Plan/2021-22 Dated 29 October 2021	
17.	Validity of Mine Plan	29 October 2026	
18.	Total geological reserves	830940 MT	
19.	Total mineable reserves	498564 Tonnes	
20.	Total Proposed Production (In 5 Years)	2492820 Tonnes	
21.	Total Proposed Production/Year	498564 Tonnes/Year	
22.	Sanctioned Period of Mine lease	5 years	
23.	Method of Mining	Open Cast Mechanized Method	
24.	No. of working days	240	
25.	Working hours/day	8 Hrs	
26.	No. of workers	28	
27.	Type of Land	Waste Land (River Bed Mining)	
28.	Ultimate Depth of Mining	3.0 mtr	
29.	Water Requirement	17.86 KLD	
30.	Any litigation pending against the project or land in any court	Not Any	
31.	Ecological Sensitive Map/zone	NA	
32.	Details of 500 m Cluster certificate & Map Verified by Mining Officer	8600/Nyay Shao-2()/2023, Dated 03/05/2023	
33.	Proposed CER cost	8,32,000/-	
34.	Proposed EMP cost	Recurring Cost- 13,20,000/- Capital Cost- 6,00,000/- (INR)	

35.	No. of Trees to be Planted.	6000 Plants
36.	Detail of CTE/CTO issued by UPPCB	Will be obtained after grant of EC

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

- The mining shall be done only during day time.
- The committee further directed that mining/extraction/hand picking of minor mineral shall be carried out as per the approved mine plan.
- The committee also suggested that mine site should have well demarcated safety zone i.e. mining operation will not be carried out in the vicinity of 100 m from nearby bridges, educational institution or structures of historical importance.
- The committee desired that proponent should undertake afforestation activities in the buffer zone as well as in the nearby project site. Minimum 6000 plants will be planted in first two years followed by maintenance in the next three years. **In case of Plantation outside of the buffer zone/project site MoU with local Gram Panchayat/Van Panchayat should be done.**
- The committee suggested that the proponent should provide Eco-friendly toilets for the laborers.
- The mining operation would provide local employment and bring economic benefit to local population.
- The Project Proponent shall follow Sustainable Sand Mining Management Guideline, 2016 & Enforcement and Monitoring Guideline for Sand Mining, 2020.
- Approved DSR of District Udham Sing Nagar is present before the SEAC. The Name of the Project Proponent is mentioned in the DSR.
- The mine working will be open cast by manual method without involving drilling & blasting. The mining is confined to extraction of Sand/Bajri/Boulder(**River Bed Material**).
- The extraction of Sand/Bajri/Boulder(**River Bed Material**) shall be stopped during monsoon season.
- The quantity of mineral to be extracted should be fixed sustainably based on replenishment study.
- The Project Proponent shall obtain prior permission of the competent authorities for drawl of requisite quantity of water (surface water and ground water) if any, required for the project.
- It shall be ensured that there is no leakage of oil and grease in the river from the vehicles use for the transportation.
- Vehicular emission shall be kept under control and regularly monitored. The vehicles carrying minerals shall not be over loaded.
- Periodical medical examination of the workers engaged in the project shall be carried out and records are to be maintained.
- Water spraying arrangement on haul roads, loading and unloading and at transfer points should be provided and properly maintained.
- Personnel working in dusty areas should wear protective respiratory devices and they should also be provided with adequate training and information on safety and health aspects.
- 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 mining activity at the site.
- 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 has submitted a certificate issued by DFO, Tarai East Forest Division vide his letter no-7340/9-2(3) dated-25.05.2023 certifying that the proposed area for mining does not lies within 10 KM of any National Park/Sanctuary.
- 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 follow all relevant directions/orders issued by Hon'ble High Court/NGT/ Supreme Court.
- 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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- Failure to comply with of any conditions mentioned above may result in withdrawal of this clearance and attract action under the provisions of the Environment (Protection) Act, 1986

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

Proposal – 2

Online proposal No.	SIA/UK/MIN/437157/2023
Site Details	Proposed Extraction of Sand/Bajri/Boulder at Khasra No.- 38, & 41, Village- Meravarana, Tehsil- Sitarganj, District- Udham Singh Nagar
Name & Address of Proponent	M/s Rajesh Sharma R/o- 2-450/1, Tulsinagar, Polisheet, Haldwani, District- Nainital.
Coordinates	Latitude- 29°2'57.926"N to 29° 2'59.667"N Longitude- 79°41'25.139"E to 79°41'35.229"E
Mining Lease Area	6.757 Ha.
Category	B2 & 1(a) enlisted in project /activity as per EIA Notification, 2006

The project was submitted vide proposal no SIA/UK/MIN/437157/2023 on dated 18th July, 2023 by the project proponent. The committee observed that proponents seek Environmental Clearance for extraction of Sand/Bajri/Boulder (**River Bed Material**) in accordance with the provisions of EIA Notification, 2006 as enlisted in Schedule 1(a). The committee observed that the ToR was granted by the SEAC in its meeting dated- 30.09.2021, the ToR letter was issued vide letter No.- 246/SEAC dated-08.10.2021 and the public hearing was conducted on dated- 10.10.2022. 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 given below:-

S.No	Parameters	Description		
	Name of the Project Proponent	Shri Rajesh Sharma		
2.	Registered Address	R/o. – 2-450/1, Tulsinagar, Polisheet, Haldwani, District- Nainital and Uttarakhand		
3.	Full correspondence address of proponent and mobile no.	Shri Rajesh Sharma R/o. – 2-450/1, Tulsinagar, Polisheet, Haldwani, District- Nainital and Uttarakhand		
4.	Name of Project	Sand, Bajri & Boulder Mining Project on Kailash River		
5.	Project Location (Plot.Khasra/Gata No.)	Khasra No. 38& 41		
6.	Name of Village	Meravarana,		
7.	Tehsil	Tehsil- Sitarganj		
8.	District	Udham Singh Nagar		
9.	State	Uttarakhand		
10.	Name of Minor Mineral	Sand Bajri Boulder		
11.	Sanctioned Lease Area (in Ha.)	6.727		
12.	Max. & Min mRL within lease area	216.843 Mrl to 222.01 mrl		
13.	Pillar Coordinates (Verified by DMO)			
	S. No.	River	Coordinates	
			Latitude	Longitude
	A	Kailash River Area- 6.727 Ha	29° 2'57.926"N	79°41'25.139"E
	B		29° 2'50.333"N	79°41'28.170"E
	C		29° 2'53.399"N	79°41'36.603"E
	D		29° 2'51.396"N	79°41'36.902"E
	E		29° 2'56.066"N	79°41'37.565"E

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	F	29° 2'59.667"N	79° 41'35.229"E
14.	Letter of Intent	2457/VII-1/18/02(89)/2018, Dated-20/12/2018,	
15.	Mine Plan approval details	2677/Khanan/Bhuokhani0E0/E-Nivida/Mine Plan/2021-22 Dated 22 October 2021	
16.	Validity of Mine Plan	22 October 2026	
17.	Total geological reserves	443982 MT	
18.	Total mineable reserves	403920 Tonnes	
19.	Total Proposed Production (In 5 Years)	1211760 Tonnes	
20.	Total Proposed Production/Year	242352 Tonnes/Year	
21.	Sanctioned Period of Mine lease	5 years	
22.	Method of Mining	Open Cast Mechanized Method	
23.	No. of working days	240	
24.	Working hours/day	8 Hrs	
25.	No. of workers	28	
26.	Type of Land	Waste Land (River Bed Mining)	
27.	Ultimate Depth of Mining	3.0 mtr	
28.	Water Requirement	12.36 KLD	
29.	Any litigation pending against the project or land in any court	Not Any	
30.	Ecological Sensitive Map/zone	NA	
31.	Details of 500 m Cluster certificate & Map Verified by Mining Officer	8601/Nyay Saho-2()/2023, Dated-03/05/2023.	
32.	Proposed CER cost	2,12,000/-	
33.	Proposed EMP cost	Recurring Cost- 8,40,000/- Capital Cost- 3,50,000/- (INR)	
34.	No. of Trees to be Planted.	3500 PLANTS	
35.	Detail of CTE/CTO issued by UPPCB	Will be obtained after grant of EC	

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

- The mining shall be done only during day time.
- The committee further directed that mining/extraction/hand picking of minor mineral shall be carried out as per the approved mine plan.
- The committee also suggested that mine site should have well demarcated safety zone i.e. mining operation will not be carried out in the vicinity of 100 m from nearby bridges, educational institution or structures of historical importance.
- The committee desired that proponent should undertake afforestation activities in the buffer zone as well as in the nearby project site. Minimum 3000 plants will be planted in first two years followed by maintenance in the next three years. **In case of Plantation outside of the buffer zone/project site MoU with local Gram Panchayat/Van Panchayat should be done.**
- The committee suggested that the proponent should provide Eco-friendly toilets for the laborers.
- The mining operation would provide local employment and bring economic benefit to local population.
- The Project Proponent shall follow Sustainable Sand Mining Management Guideline, 2016 & Enforcement and Monitoring Guideline for Sand Mining, 2020.
- Approved DSR of District Udham Sing Nagar is present before the SEAC. The Name of the Project Proponent is mentioned in the DSR.
- The mine working will be open cast by manual method without involving drilling & blasting. The mining is confined to extraction of Sand/Bajri/Boulder(**River Bed Material**).
- The extraction of Sand/Bajri/Boulder(**River Bed Material**) shall be stopped during monsoon season.
- The quantity of mineral to be extracted should be fixed sustainably based on replenishment study.
- The Project Proponent shall obtain prior permission of the competent authorities for drawl of requisite quantity of water (surface water and ground water) if any, required for the project.
- It shall be ensured that there is no leakage of oil and grease in the river from the vehicles use for the transportation.
- Vehicular emission shall be kept under control and regularly monitored. The vehicles carrying minerals shall not be over loaded.

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- Periodical medical examination of the workers engaged in the project shall be carried out and records are to be maintained.
- Water spraying arrangement on haul roads, loading and unloading and at transfer points should be provided and properly maintained.
- Personnel working in dusty areas should wear protective respiratory devices and they should also be provided with adequate training and information on safety and health aspects.
- 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 mining activity at the site.
- 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 has submitted a certificate issued by DFO, Tarai East Forest Division vide his letter no-7341/9-2(3) dated-25.05.2023 certifying that the proposed area for mining does not lies within 10 KM of any National Park/Sanctuary.
- 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 follow all relevant directions/orders issued by Hon'ble High Court/NGT/ Supreme Court.
- 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.
- Failure to comply with of any conditions mentioned above may result in withdrawal of this clearance and attract action under the provisions of the Environment (Protection) Act, 1986

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

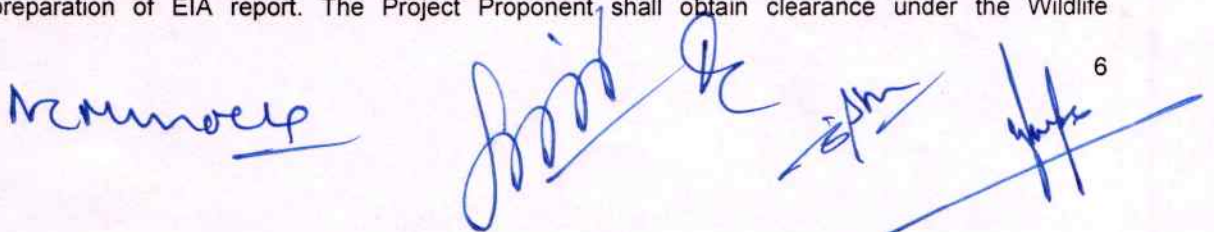
Consideration/Reconsideration of Proposals For Terms of Reference (ToR)

Proposal – 1

Online proposal No.	SIA/UK/MIN/435975/2023
Site Details	Proposed Extraction of Soapstone at Vill-Amjhajoo, Tehsil-Dugnakuri& District- Bageshwar.
Name & Address of Proponent	ShriBhupendra Singh Bhoriyal, R/o- Village-Kirauli, Tehsil&Distt-Bageshwar.
Coordinates	Latitude- 29°54'49.71"Nto 29°54'49.36"N Longitude- 79°58'54.80"Eto 79°58'54.33"E
Mining Lease Area	4.977 Ha
Category	B2& 1(a) enlisted in project /activity as per EIA Notification, 2006. But as per 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/435975/2023 on dated 7th July,2023 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 MoEF&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 Earthvision India Associate Consultants and project was presented by Shri B.M.S Negi, EIA Coordinator &Shri Shikhar Srivastava, Director.**

Hence, committee agreed to recommend **ToR (Annexure-2)** 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. The Project Proponent shall carry out geological stability study along with detailed flora and fauna investigation by subject specialist. The Project Proponent shall submit mitigation plan for avoiding the runoff and leaching of debris during the monsoon.

Proposal – 2

Online proposal No.	SIA/UK/MIN/428907/2023
Site Details	Re-Appraisal of existing Soapstone miningat Village-Surkaligaon, Tehsil-Dugnakuri, District-Bageshwar.
Name & Address of Proponent	Shri Thakur Singh Garia S/o Sri Madan Singh Garia R/o-Vill-Kiroli, Post-Kafli, Tehsil- Dugnakuri , District-Bageshwar.
Coordinates	Latitude- 29°54'51.90"N to 29°54'51.12"N Longitude- 79°57'16.74"E to 79°57'17.81"E
Mining Lease Area	2.231 Ha
Category	B2 & 1(a) enlisted in project /activity as per EIA Notification, 2006. But as per 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).
DEIAA E.C No	07/DEIAA/BAG-E.C/2017-18 dated- 09.05.2018

The project which was earlier granted E.C by DEIAA has been submitted for Re-Appraisal vide proposal no SIA/UK/MIN/428907/2023 on dated 11th May,2023 by the project proponent. The committee observed that the proponent is seeking Environmental Clearance for Re-Appraisal of existing Soapstone miningin 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 MoEF&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 Earthvision India Associate Consultants and project was presented by Shri B.M.S Negi, EIA Coordinator & Shri Shikhar Srivastava, Director.**

Hence, committee agreed to recommend **ToR (Annexure-2)** 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. The Project Proponent shall carry out geological stability study along with detailed flora and fauna investigation by subject specialist. The Project Proponent shall submit mitigation plan for avoiding the runoff and leaching of debris during the monsoon. The project proponent shall submit the compliance pertaining to the checklist provided in Govt. of India, MoEF&CC O.M. No- IA3-22/11/2023-IA.III(E-208230) dated- 28.04.2023.

Proposal – 3

Online proposal No.	SIA/UK/MIN/428469/2023
Site Details	Extraction of Soapstone in existing mine at Village- Toli Patti, Tehsil-Dharchula, District- Pithoragarh.
Name & Address of Proponent	Smt. Devki Devi PandeyW/o- Late ShriPitamberPandeyShri S. C. Pandey (Attorney), R/o- Village- Hureti, P.O. Degree College, Tehsil & District- Pithoragarh.
Coordinates	Latitude- 29°49'47.97"N to 29°49'36.07"N Longitude- 80°22'06.13"E to 80°22'02.95"E
Mining Lease Area	12.94 Ha
Category	B1 & 1(a) enlisted in project /activity as per EIA Notification, 2006.

The project was submitted vide proposal noSIA/UK/MIN/428469/2023 on dated 8th May,2023 by the project proponent. The committee observed that the proponent is seeking Environmental Clearance for Extraction of Soapstone in existing mine 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**

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prepared by Accredited consultancy firm Earthvision India Associate Consultants and project was presented by Shri B.M.S Negi, EIA Coordinator & Shri Shikhar Srivastava, Director.

Hence, committee agreed to recommend **ToR (Annexure-2)** 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. The Project Proponent shall carry out geological stability study along with detailed flora and fauna investigation by subject specialist. The Project Proponent shall submit mitigation plan for avoiding the runoff and leaching of debris during the monsoon.

Proposal –4

Online proposal No.	SIA/UK/INFRA2/431844/2023
Name of the Project	Proposed Common Municipal Solid Waste Management Facility (CMSWMF) at Khasra no. 1329, 1341, 1342, 3943, 4099, 4324, 4325, 4544, 4546, 4569 Village- Dimmar, Tehsil- Karanprayag, District- Chamoli.
Name & Address of Proponent	M/s Nagar Palika Parishad, Karnparyag, District- Chamoli.
Whether New/Expansion Project	New
Total Plot Area	4362.00 m ² (0.40 Ha.)
Project Category	7(i) & activity 'B1' enlisted in project/activity as per EIA Notification, 2006

The project was submitted vide proposal no SIA/UK/INFRA2/431844/2023 on dated 6th June, 2023 by the project proponent. The committee observed that the proponent is seeking Environmental Clearance for Proposed Common Municipal Solid Waste Management Facility (CMSWMF). The proponent has submitted detailed project related information in Form 1, PFR & EMP. Project was prepared by Accredited consultancy firm Amaltas Enviro Industrial Consultant LLP. and project was presented by Dr.Dharna Tiwari, General Manager EIA Coordinator.

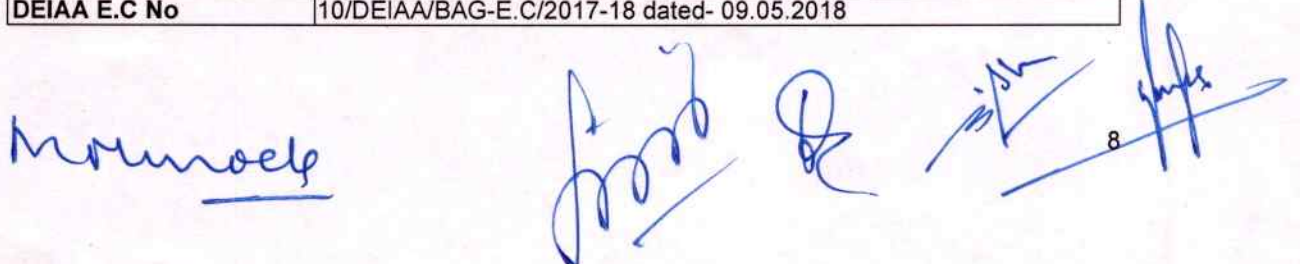
Chairman SEAC, Uttarakhand himself visited the site on 26.07.2023. The important observations of his site visit are as follows:-

- Trees have been observed on the proposed site. Hence, felling of tree if any, desired should be done only after due permission from the competent authority.
- The area is adjacent to nallahs hence, retaining wall should be mandatory for controlling erosion and seepage.

Hence, committee agreed to recommend **ToR (Annexure-3)** to the proponent for preparation of EIA report including the above mentioned conditions of the site visit. 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 – 5

Online proposal No.	SIA/UK/MIN/435261/2023
Site Details	Re-Appraisal of existing Soapstone mining at Village-Odiyar, Tehsil-Dugnuri & District-Bageshwar.
Name & Address of Proponent	Shri Dinesh Chand Garia S/o Shri Joga Singh Garia, R/o-Vill-Kiroli, Post-Kafli, Tehsil- Dugnuri, District-Bageshwar
Coordinates	Latitude- 29°53'55.90"N to 29°53'50.12"N Longitude- 79°56'30.60" E to 79°56'22.25"E
Mining Lease Area	4.667 Ha
Category	B2 & 1(a) enlisted in project /activity as per EIA Notification, 2006. But as per 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).
DEIAA E.C No	10/DEIAA/BAG-E.C/2017-18 dated- 09.05.2018



The project which was earlier granted E.C by DEIAA has been submitted for Re-Appraisal vide proposal no SIA/UK/MIN/435261/2023 on dated 30th June,2023 by the project proponent. The committee observed that the proponent is seeking Environmental Clearance for Re-Appraisal of existing Soapstone mining 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 MoEF&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 Earthvision India Associate Consultants and project was presented by Shri B.M.S Negi, EIA Coordinator & Shri Shikhar Srivastava, Director.**

Hence, committee agreed to recommend **ToR (Annexure-2)** 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. The Project Proponent shall carry out geological stability study along with detailed flora and fauna investigation by subject specialist. The Project Proponent shall submit mitigation plan for avoiding the runoff and leaching of debris during the monsoon. The project proponent shall submit the compliance pertaining to the checklist provided in Govt. of India, MoEF&CC O.M. No- IA3-22/11/2023-IA.III(E-208230) dated- 28.04.2023.

Proposal – 6

Online proposal No.	SIA/UK/MIN/427618/2023
Site Details	Proposed Extraction of Soapstone at Village-Dhapti, Tehsil-Kanda, Distt-Bageshwar.
Name & Address of Proponent	M/s DeviBhagwati Minerals(Managing Partner Smt. RuchiSah)R/o-Vaishali Colony, Haldwani, Distt-Nainital
Coordinates	Latitude- 29°50'35.24"Nto 29°50'38.18"N Longitude- 79°55'57.38"Eto 79°55'57.31"E
Mining Lease Area	19.12 Ha
Category	B1 & 1(a) enlisted in project /activity as per EIA Notification, 2006.

The project was submitted vide proposal no SIA/UK/MIN/427618/2023 on dated 29thApril,2023 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 Earthvision India Associate Consultants and project was presented by Shri B.M.S Negi, EIA Coordinator & Shri Shikhar Srivastava, Director.**

Hence, committee agreed to recommend **ToR (Annexure-2)** 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. The Project Proponent shall carry out geological stability study along with detailed flora and fauna investigation by subject specialist. The Project Proponent shall submit mitigation plan for avoiding the runoff and leaching of debris during the monsoon.

Proposal – 7

Online proposal No.	SIA/UK/MIN/434649/2023
Site Details	Re-Appraisal of existing Soapstone miningat Village- Jaspur, Taluka-Kanda, District- Bageshwar.
Name & Address of Proponent	M/s Jai Dhawling Mines & MineralsAdd-Bachhipur, Motahaldu, Haldwani, District- Nainital
Coordinates	Latitude- 29°50'50.89"N to 29°50'49.74"N Longitude- 79°55'33.75"E to 79°55'32.86"E
Mining Lease Area	4.27 Ha
Category	B2 & 1(a) enlisted in project /activity as per EIA Notification, 2006. But as per 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

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	with in 500 meter periphery of concerned mine).
DEIAA E.C No	17/DEIAA/BAG-E.C/2017-18 dated- 16.08.2018

The project which was earlier granted E.C by DEIAA has been submitted for Re-Appraisal vide proposal no SIA/UK/MIN/434649/2023 on dated 26th June,2023 by the project proponent. The project proponent has submitted an affidavit mentioning that the mine lease was initially issued in favour of Shri Mangal Singh Dhami. After the death of Shri Mangal Singh Dhami during COVID phase the mining lease has been transferred in favour of M/s Jai Dhauling Mines & Minerals which is a partnership firm owned by legal heirs of Late Shri Mangal Singh Dhami viz. his wife Smt Draupadi Dhami and his son Shri Jagdish Singh Dhami vide G.O. No- 2196/VII-A-1/2021-04 Kha/2004 dated- 24.12.2021. The committee observed that the proponent is seeking Environmental Clearance for Re-Appraisal of existing Soapstone mining 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 MoEF&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 Earthvision India Associate Consultants and project was presented by Shri B.M.S Negi, EIA Coordinator & Shri Shikhar Srivastava, Director.**

Hence, committee agreed to recommend **ToR (Annexure-2)** 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. The Project Proponent shall carry out geological stability study along with detailed flora and fauna investigation by subject specialist. The Project Proponent shall submit mitigation plan for avoiding the runoff and leaching of debris during the monsoon. The project proponent shall submit the compliance pertaining to the checklist provided in Govt. of India, MoEF&CC O.M. No- IA3-22/11/2023-IA.III(E-208230) dated- 28.04.2023.

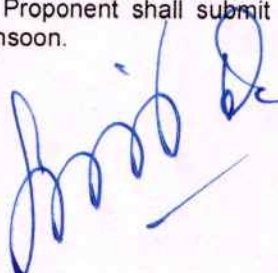
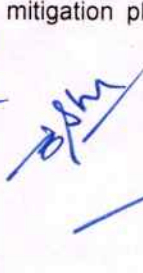
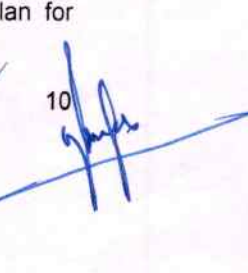
Proposal – 8

Online proposal No.	SIA/UK/MIN/436834/2023
Site Details	Proposed Extraction of Soapstone at Village- Kholiyagaon, Tehsil & District-Bageshwar
Name & Address of Proponent	Shri Ramesh Chandra S/o Shri Shyam Dutt Village- Kholiyagaon, Tehsil & District-Bageshwar
Coordinates	Latitude- 29°51'47.87"N to 29°51'44.41"N Longitude- 79°52'38.34"E to 79°52'34.58"E
Mining Lease Area	4.502 Ha
Category	B2 & 1(a) enlisted in project /activity as per EIA Notification, 2006. But as per 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/436834/2023 on dated 15th July,2023 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 MoEF&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-2)** 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. The Project Proponent shall carry out geological stability study along with detailed flora and fauna investigation by subject specialist. The Project Proponent shall submit mitigation plan for avoiding the runoff and leaching of debris during the monsoon.



Proposal – 9

Online proposal No.	SIA/UK/MIN/435051/2023
Site Details	Re-Appraisal of existing Soapstone mining at Village- Bhanyadhi, Tehsil- Gangolihat(Ganaigangoli) & District- Pithoragarh.
Name & Address of Proponent	Shri Trilok Singh ManralS/oShri Narayan Singh Manral, R/o-Village-Damuwadhunga, JawaharJyoti, Haldwani, Nainital.
Coordinates	Latitude- 29°45'25.53"N to 29°45'26.46"N Longitude- 79°55'33.59"E to 79°55'33.52"E
Mining Lease Area	4.049 Ha
Category	B2 & 1(a) enlisted in project /activity as per EIA Notification, 2006. But as per 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).
DEIAA E.C No	02/DEIAA/2017-18 dated- 28.02.2018

The project which was earlier granted E.C by DEIAA has been submitted for Re-Appraisal vide proposal no SIA/UK/MIN/435051/2023 on dated 29th June,2023 by the project proponent. The committee observed that the proponent is seeking Environmental Clearance for Re-Appraisal of existing Soapstone mining 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 MoEF&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 Earthvision India Associate Consultants and project was presented by Shri B.M.S Negi, EIA Coordinator & Shri Shikhar Srivastava, Director.**

Hence, committee agreed to recommend **ToR (Annexure-2)** 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. The Project Proponent shall carry out geological stability study along with detailed flora and fauna investigation by subject specialist. The Project Proponent shall submit mitigation plan for avoiding the runoff and leaching of debris during the monsoon. The project proponent shall submit the compliance pertaining to the checklist provided in Govt. of India, MoEF&CC O.M. No- IA3-22/11/2023-IA.III(E-208230) dated- 28.04.2023.

Proposal –10

Online proposal No.	SIA/UK/MIN/435183/2023
Site Details	Re-Appraisal of existing Soapstone mining at Village -Gadera, Tehsil-Kapkot, Distt-Bageshwar.
Name & Address of Proponent	M/s Roots Mining Pvt. Ltd. Add-Village & Post-Gadera, Tehsil-Kapkot, Distt-Bageshwar (U.K)
Coordinates	Latitude- 29°55'31.01"Nto 29°55'28.99"N Longitude- 79°55'26.55"Eto 79°55'28.30"E
Mining Lease Area	4.881Ha
Category	B2 & 1(a) enlisted in project /activity as per EIA Notification, 2006. But as per 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).
DEIAA E.C No	02/DEIAA/2017-18 dated- 23.02.2018

The project which was earlier granted E.C by DEIAA has been submitted for Re-Appraisal vide proposal no SIA/UK/MIN/435183/2023 on dated 30th June,2023 by the project proponent. The committee observed that the proponent is seeking Environmental Clearance for Re-Appraisal of existing Soapstone mining 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 MoEF&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 Earthvision India Associate Consultants and project was presented by Shri B.M.S Negi, EIA Coordinator & Shri Shikhar Srivastava, Director.

Hence, committee agreed to recommend ToR (Annexure-2) 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. The Project Proponent shall carry out geological stability study along with detailed flora and fauna investigation by subject specialist. The Project Proponent shall submit mitigation plan for avoiding the runoff and leaching of debris during the monsoon. The project proponent shall submit the compliance pertaining to the checklist provided in Govt. of India, MoEF&CC O.M. No- IA3-22/11/2023-IA.III(E-208230) dated- 28.04.2023.

Additional agenda

Proposal -1

Online proposal No.	SIA/UK/MIN/434284/2023
Site Details	Re-Appraisal of existing Soapstone mining at Village- Reemakutty, Tehsil-Dug Nakuri, Dist.- Bageshwar.
Name & Address of Proponent	Shri Devesh Srivastava S/o Shri Kamlesh Srivastava, R/o- 13/02, Baliganj Park Road, Highland Sapphire, Second Floor, Dist.- Kolkata, State-West Bengal
Coordinates	Latitude- 29°54'13.1"N to 29°54'14.9"N Longitude- 79°56'48.7"E to 79°57'06.0"E
Mining Lease Area	2.938 Ha
Category	B2 & 1(a) enlisted in project /activity as per EIA Notification, 2006. But as per 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).
DEIAA E.C No	08/DEIAA/BAG-E.C/2017-18 dated- 08.05.2018

The project which was earlier granted E.C by DEIAA has been submitted for Re-Appraisal vide proposal no SIA/UK/MIN/434284/2023 on dated 22nd June, 2023 by the project proponent. The committee observed that the proponent is seeking Environmental Clearance for Re-Appraisal of existing Soapstone mining 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 MoEF&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 Earthvision India Associate Consultants and project was presented by Shri Ankur Sharma, Managing Director & EIA Coordinator.

Hence, committee agreed to recommend ToR (Annexure-2) 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. The Project Proponent shall carry out geological stability study along with detailed flora and fauna investigation by subject specialist. The Project Proponent shall submit mitigation plan for avoiding the runoff and leaching of debris during the monsoon. The project proponent shall submit the compliance pertaining to the checklist provided in Govt. of India, MoEF&CC O.M. No- IA3-22/11/2023-IA.III(E-208230) dated- 28.04.2023.

Proposal -2

Online proposal No.	SIA/UK/MIN/434389/2023
Site Details	Re-Appraisal of existing Soapstone mining at Village- Kafli & Papoli, Tehsil- Dug Nakuri, Dist.- Bageshwar
Name & Address of Proponent	Shri Diwan Singh Papola S/o Shri Trilok Singh Papola R/o-Village & Po- Kafli, Tehsil- Dug Nakuri, Dist.- Bageshwar

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Coordinates	Latitude- 29°54'18.3"Nto 29°54'18.3"N Longitude- 79°56'41.1"Eto 79°56'40.0"E
Mining Lease Area	2.99 Ha
Category	B2 & 1(a) enlisted in project /activity as per EIA Notification, 2006. But as per 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).
DEIAA E.C No	14/DEIAA/BAG-E.C/2017-18 dated- 09.05.2018

The project which was earlier granted E.C by DEIAA has been submitted for Re-Appraisalvide proposal no SIA/UK/MIN/434389/2023 on dated 23rd June,2023 by the project proponent. The committee observed that the proponent is seeking Environmental Clearance for Re-Appraisal of existing Soapstone mining 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 Earthvision India Associate Consultants and project was presented by Shri Ankur Sharma, Managing Director & EIA Coordinator.**

Hence, committee agreed to recommend **ToR (Annexure-2)** 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. The Project Proponent shall carry out geological stability study along with detailed flora and fauna investigation by subject specialist. The Project Proponent shall submit mitigation plan for avoiding the runoff and leaching of debris during the monsoon. The project proponent shall submit the compliance pertaining to the checklist provided in Govt. of India, MoEF&CC O.M. No- IA3-22/11/2023-IA.III(E-208230) dated- 28.04.2023.

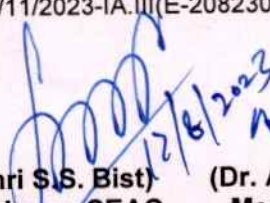
Proposal -3

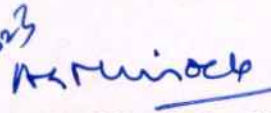
Online proposal No.	SIA/UK/MIN/434329/2023
Site Details	Re-Appraisal of existing Soapstone mining at Village- Papolilagga, Kafli & Odiyar, Tehsil-Dug Nakuri, Dist.- Bageshwar
Name & Address of Proponent	Shri Diwan Singh Papola S/o Shri Trilok Singh Papola, R/o-Village & Po- Kafli, Tehsil- Dug Nakuri, Dist.- Bageshwar
Coordinates	Latitude- 29°54'12.2"Nto 29°54'10.9"N Longitude- 79°56'49.8"Eto 79°56'46.9"E
Mining Lease Area	2.413 Ha
Category	B2 & 1(a) enlisted in project /activity as per EIA Notification, 2006. But as per 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).
DEIAA E.C No	12/DEIAA/BAG-E.C/2017-18 dated- 09.05.2018

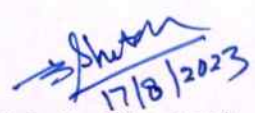
The project which was earlier granted E.C by DEIAA has been submitted for Re-Appraisalvide proposal no SIA/UK/MIN/434329/2023 on dated 22nd June,2023 by the project proponent. The committee observed that the proponent is seeking Environmental Clearance for Re-Appraisal of existing Soapstone mining in 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 Earthvision India Associate Consultants and project was presented by Shri Ankur Sharma, Managing Director & EIA Coordinator.**


Hence, committee agreed to recommend **ToR (Annexure-2)** 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. The Project Proponent shall carry out geological stability study along with detailed flora and fauna investigation by subject specialist. The Project Proponent shall submit mitigation plan for avoiding the runoff and leaching of debris during the monsoon. The project proponent shall submit the compliance pertaining to the checklist provided in Govt. of India, MoEF&CC O.M. No- IA3-22/11/2023-IA.III(E-208230) dated- 28.04.2023.


(Shri S.S. Bist)
Chairman, SEAC

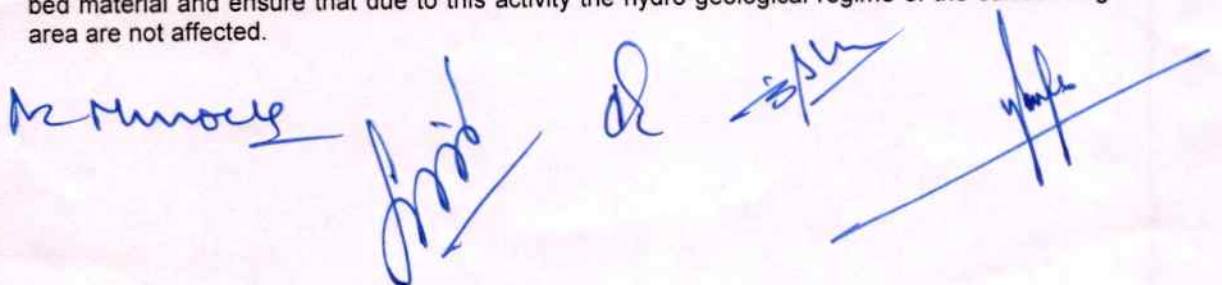

(Dr. A.K. Minocha)
Member, SEAC


(Dr. Ashutosh Gautam)
Member, SEAC


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

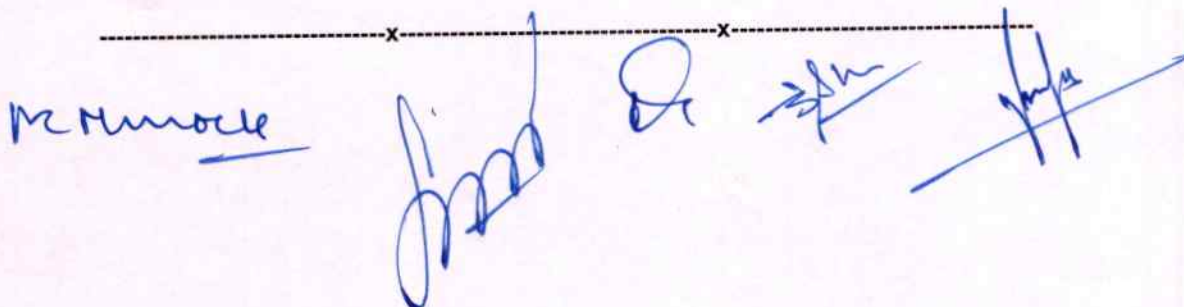

(Shri Nitish Mani Tripathi)
Member Secretary, SEAC

- 1) Legal status of the mining lease area shall remain unchanged and the Environmental Clearance shall remain coterminous with the lease period. The mined lease area shall not be used for any purpose other than that specified in the proposal
- 2) In case of flash flood and river changing its meandering course, then fresh proposal has to be submitted for grant of Environmental Clearance
- 3) The project proponent shall formulate a transparent and unbiased procedure for engagement of labourers for sustainable extraction of the minor minerals from the mining lease area
- 4) The boundary of the mined lease area shall be demarcated on ground by erecting pillars, each inscribed with its serial number, DGPS coordinates, forward and back bearing, and distance from adjoin pillars etc. This demarcation will be ensured by the Revenue Department. A bench mark will be established to monitor depth of the mining
- 5) Extraction of minor minerals shall be restricted to middle half of the width of river bed/mining site after leaving intact the one-fourth of width of the river bed/mining site along its each bank. Breaking of boulders shall not be permitted in the mining lease area
- 6) The collection of minor minerals during a working season shall start from centre of the river/mining site width and shall gradually extend to the boundary of the permissible area so as to ensure maintenance of river geometry. The maximum permissible depth for collection of minor minerals at centre of the river/mining site width shall be fixed at 1.5 meter or up to ground water level whichever is less
- 7) Extraction of minor mineral shall be permissible from 1st October of every year to 15th June of the subsequent year. It shall be ensured that no mining activity is carried out during the monsoon season. Workers should be advised and protected against flash flood during 1st June to 15th June and 1st Oct to 31st Oct during which there may be rains in the hills
- 8) The project proponent has to regulate and maintain record of the quantity of minor minerals extracted during a season. The monitoring shall be ensured by Mines Department/District Administration from time to time
- 9) The extraction of sand, bajri and boulder shall be carried out in open cast manual method as per the approved mine plan.
- 10) The collection time of RBM shall be from sun-rise to sun-set
- 11) The project proponent shall strictly adhere to the norms of Transport Department in refraining from use of polluting and less fuel efficient vehicles for transporting extracted minor minerals. There shall be no over loading of vehicles as against standard norms fixed by Central Government/State Government/Hon'ble Courts from time to time
- 12) There shall be no labour camp in the mining lease area for the labour engaged in collection of the minor minerals. The labour engaged in collection/extraction work shall be provided free fuel wood/alternate source of energy to avoid any pressure on adjoining forest land.
- 13) The proponent shall erect eco friendly mobile toilets for the workforce at site and shall ensure disposal of solid waste as per the existing provisions/rules/guidelines
- 14) The Geology and Mining department shall ensure site specific river training works at the work site to ensure bank protection. A Corpus fund for this purpose will be set up and kept at the disposal of District Magistrate
- 15) The Geology and Mining department should identify an agency for regular/periodical monitoring of quality of ground water of existing hand pumps and tube wells in the vicinity of the mining site
- 16) The project proponent shall ensure that maximum local labour be engaged and hence employment opportunity provided. The project proponent shall follow all safety measures for labour force engaged in accordance with respected Acts/Rules
- 17) The project proponent shall prepare the plan of mining in conformity with the mine lease conditions and the Rules prescribed in this regard thereby clearly delineating the **No Work Zone** in the mine lease area i.e. the distance from the bank of river/mine site to be left un-worked (Non mining area), distance from the bridges etc. Effective safeguard measures, such as regular water sprinkling shall be carried out in critical areas prone to air pollution and having high levels of particulate matter such as loading and unloading point and all transfer points. Extensive water sprinkling shall be carried out on haul roads. It shall be ensured that the Ambient Air Quality parameters conform to the norms prescribed by the Central Pollution Control Board in this regard
- 18) The project proponent shall undertake adequate safeguard measures during extraction of river bed material and ensure that due to this activity the hydro-geological regime of the surrounding area are not affected.



- 19) The project proponent shall ensure refraining from leaving behind clothes, personal belongings of labour engaged, polythene, plastic bottles, carton etc or any other solid waste in work site at the end of working season
- 20) The project proponent will provide protective respiratory devices to workers working in dusty areas and they shall also be provided with adequate training and information on safety and health aspects. Periodical medical examination of the workers engaged in the project shall be carried out and records maintained.
- 21) Photography of the proposed mining site as well as the plantation sites undertaken by the project proponent showing GPS coordinates should be done (preferably using Drone) and submitted to SEIAA and regional office of MoEF&CC, Govt of India at Dehradun along with half-yearly compliance report.
- 22) The project proponent should plant 3000 trees in first 2 years and followed by maintainance in the last 3 years. The plants should be planted in the buffer zone of the mining site and in the blank area near by van panchayats/gram sabha land.
- 23) The above environmental safeguards shall be implemented in letter and spirit. The project proponent shall establish Environment Monitoring Cell and also submit six monthly compliance reports to this Authority and regional office of MoEF&CC, Govt of India at Dehradun
- 24) 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

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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.

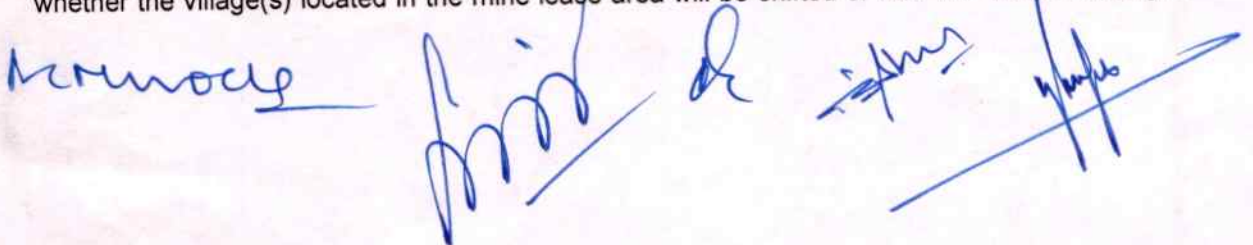
Mining of minerals plays a positive role in the process of country's economic development. In addition to the contribution towards economic growth, mining can also be a major source of degradation of physical as well as social environment, unless it is properly managed. Environmental impacts can arise 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 25th 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.

- 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 alongwith budgetary provisions for their conservation should be prepared in consultation with State Forest and Wildlife Department and details furnished. Necessary allocation of funds for implementing the same should be made as part of the project cost.
- 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:-

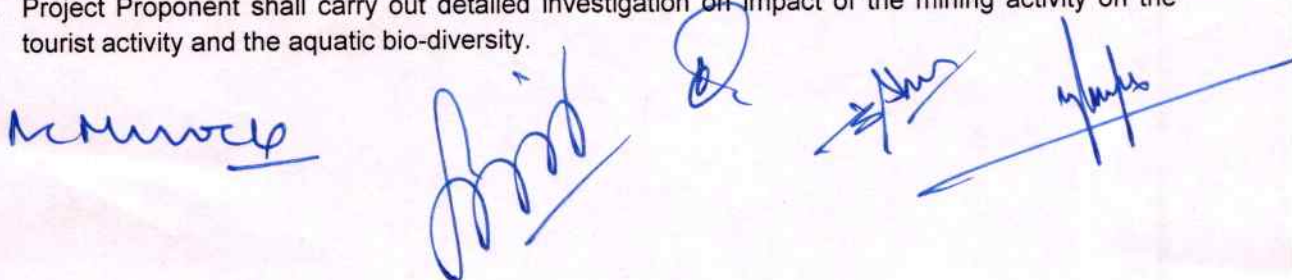
- a) Executive Summary of the EIA/EMP Report
- b) All documents to be properly referenced with index and continuous page numbering.
- c) Where data are presented in the Report especially in Tables, the period in which the data were collected and the sources should be indicated.
- d) Project Proponent 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.

Additional TOR:

1. Project Proponent shall carry out detailed stability study of the project area as it is falling near to natural disaster prone Joshimath area.
2. Project Proponent shall carry out detailed investigation on impact of the mining activity on the tourist activity and the aquatic bio-diversity.



3. To ensure proper monitoring, the project proponent/consultant should provide evidence in for of (A) Raw Data (B) Logbook of their site visit along with activities carried out during monitoring (C) Real time photographs showing monitoring machine, public, lab person etc. Proprietor/proprietor representative should be present at the time of monitoring and monitoring should be conducted as per CPCB SOP/NABET/QCI guidelines. Lab responsible person should be present at the time of EIA presentation.
4. EIA coordinator & FAE should give a photo affidavit during EIA presentation that they have personally visited the site & they have also taken all the mitigating measures for any critical issues involved in the project.
5. The project proponent will have to inform the schedule of monitoring/data collection programme to the SEIAA, Uttarakhand before start of data collection. In case of failure, the collected baseline monitoring data will be treated as null and void.
6. The details of equipment used for baseline monitoring alongwith its photograph mentioning date, time and geo coordinates for preparation of EIA report should be clearly displayed to the people present during public hearing and the complete details related to monitoring period must be mentioned in the minutes of public hearing.
7. Original lab analysis report of the project proposal along with EIA report should be uploaded on Parivesh Portal.
8. Combined KML of all mines in a cluster should be submitted at the time of EIA.
9. The project proponent/Consultant should identify the core & buffer zone (2.5 km) of the mining site.
10. Agreement/ Consent between project proponent and competent authority/ landowner for haulage road from lease site to link road to be submitted at the time of EIA presentation.
11. Proponent/ Consultant should submit the plan/information along with technology (photographs of water sprinklers/ tankers) to be implemented for mitigating dust at source points in lease area and haulage road during operation activity/vehicular movement. Technology should be displayed at the time of EIA presentation.
12. Proposed plantation plan with area specific plant species, number of plants to be planted and place of plantation along with a proper map to be submitted at the time of EIA presentation.
13. Water requirement details along with source of water and the permission/ agreement with the concerning authority/ person to be submitted at the time of EIA presentation.
14. Proponent/consultant shall present TOR specific/additional conditions compliance, observation/suggestions raised during the public hearing and commitment made by the project proponent in a tabular form with a time bound plan at the time of EIA presentation.
15. Corporate Social Responsibility (CSR) to be prepared as per the MoEF&CC guidelines and present it at the time of EIA presentation.









7(i): STANDARD TERMS OF REFERENCE FOR CONDUCTING ENVIRONMENT IMPACT ASSESSMENT STUDY FOR COMMON MUNICIPAL SOLID WASTE MANAGEMENT FACILITY (CMSWMF) AND INFORMATION TO BE INCLUDED IN EIA/EMP REPORT

- 1) The project should be designed based on the population projections as by Master Plan.
- 2) Submit a 10 km. radius map (on survey of India toposheet) showing co-ordinates of project site, national highway, state highway, district road/approach road, river, canal, natural drainage; protected areas, under Wild Life (Protection) Act, archaeological site, natural lake, flood area, human settlements (with population), industries, high tension electric line, prominent wind direction (summer and winter), effluent drain, if any and ponds etc. should be presented and impacts assessed on the same.
- 3) Examine and submit details of alternative technologies viz. RDF shall also be evolved.
- 4) Examine and submit details of storm water/ leachate collection from the composted area.
- 5) Examine and submit details of monitoring of water quality around the landfill site. Water analysis shall also include for nitrate and phosphate.
- 6) Examine and submit details of the odour control measures.
- 7) Examine and submit details of impact on water bodies/rivers/ ponds and mitigative measures during rainy season.
- 8) Submit the criteria for assessing waste generation. Any segregation of hazardous and bio-medical wastes.
- 9) Submit a copy of the layout plan of project site showing solid waste storage, green belt (width & length, 33% of the project area), all roads, prominent wind direction, processing plant & buildings etc. should be provided.
- 10) Submit a copy of the land use certificate from the competent authority.
- 11) NOC from local or nearest airport within 20 km and any flight funnel restrictions.
- 12) Submit a copy of the status of ambient air quality and surface and ground water quality, soil type, cropping pattern, land use pattern, population, socio-economic status, anticipated air and water pollution.
- 13) Submit a copy of the topography of the area indicating whether the site requires any filling, if so, the details of filling, quantity of fill material required, its source and transportation, etc.
- 14) Examine and submit the details of impact on the drainage and nearby habitats/settlements (surroundings).
- 15) Examine and submit the details of surface hydrology and water regime and impact on the same.
- 16) Examine and submit the details of one complete season AAQ data (except monsoon) with the dates of monitoring, impact of the project on the AAQ of the area (including H₂S, CH₄).
- 17) Submit a copy of detailed plan of waste management.
- 18) Submit the details of sanitary land fill site impermeability and whether it would be lined, if so details thereof.
- 19) Examine and submit the details of impact on environmental sensitive areas.
- 20) Examine and submit the details of rehabilitation/compensation package for the project effected people, if any.
- 21) Submit Environmental Management Plan and Environmental Monitoring Plan with costs and parameters.
- 22) Public hearing to be conducted for the project in accordance with provisions of Environmental Impact Assessment Notification, 2006 and the issues raised by the public should be addressed in the Environmental Management Plan. The Public Hearing should be conducted based on the ToR letter issued by the Ministry and not on the basis of Minutes of the Meeting available on the web-site.
- 23) A detailed draft EIA/EMP report should be prepared in accordance with the above additional TOR and should be submitted to the Ministry in accordance with the Notification.
- 24) Details of litigation pending against the project, if any, with direction /order passed by any Court of
- 25) Law against the Project should be given.
- 26) The cost of the Project (capital cost and recurring cost) as well as the cost towards implementation of EMP should be clearly spelt out.
- 27) Any further clarification on carrying out the above studies including anticipated impacts due to the project and mitigative measure, project proponent can refer to the model ToR available on Ministry website "<http://moef.nic.in/Manual/Common Municipal Solid Wastes>".

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