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

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Letter No: 28 /SEAC
Dated: 15, June, 2023

The Second Day of the 9th meeting of the Uttarakhand State Level Expert Appraisal Committee (SEAC) was held on 15th June, 2023 at the SEIAA/SEAC office Dehradun. The following were present at the meeting –

1)	Shri Shailendra Singh Bist	Chairman (Attended Online)
2)	Dr. Ashwani Kumar Minocha	Member
3)	Dr. AshutoshGautam	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 Industrial, Construction, Mining (R.B.M/Soapstone), Common Municipal Solid Waste Management Facility (CMSWMF) etc. The concernedrecognized environment consultants of the proponents made the presentations.

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

Proposal – 1

Online proposal No.	SIA/UK/INFRA2/415685/2023
Name of the Project	ProposedInstallation of RBM Screening Plant having capacity of 100 TPHalong with 125 KVA DG setat KhasraNo. 197/2, 37/1, 312/2, 198, 198/80, Viliage- FatehpurTanda, Tehsil- Doiwala, District-Dehradun
Name & Address of Proponent	M/s Shri Ram Associate
Whether New/Expansion/ Modernization Project	New
Total Plot Area	1.391 Ha.
Project Category	B2, (Orange Category as per Doon Valley Notification 1989 & 2020)

The project was submitted vide proposal no SIA/UK/INFRA2/415685/2023 on dated 24th January, 2023 by the project proponent. The committee observed that the proponent is seeking Environmental Clearance for Proposed Installation of RBM Screening Planthaving capacity of 100 TPH along with 125 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.**Project was prepared by Accredited consultancy firm Eco Laboratories & Consultants Pvt. Ltd. and project was presented by Shri Bhuwan Joshi, EIA Coordinator.** The details of the project are given below:-

S.No	Parameters	Description
1.	Products and quantity	100TPH
2.	Estimated Project Cost	70 Lac
3.	Total Plot Area	1.391Hectare
4.	Proposed Green Area	500 Trees Every Year
5.	Fresh Water Consumption	Screening Process: - 35.00KLD, Domestic: - 0.25 KLD Dust Suppression- 2.70 KLD, Greenbelt: - 2.00 KLD Water Recycled: - 31.00 KL Total water requirement: –5.75 KLD
6.	Fresh Water Source	Bore well
7.	Power Demand	125KVA
8.	Power back up	125 KVA DG Set
9.	Wastewater Management	31.0KLD water shall be recycled
10.	Steam and heating system	NA

11.	Fuel Consumption	NA

Land use details:

S.No	Parameters	Description
1.	Ground Coverage	1.391 Hectare
2.	Road and Paved area	NA
3.	Parking area	NA
4.	Green Area	500 Trees Every Year
5.	Switchyard [OTS]	NA
6.	Future Expansion Area	NA
	Total Plot Area	1.391 Hectare

Raw material details:

S.No	Major Raw Material	Avg. consumption per month	Source	Mode of Transport
1.	RBM	21000	River material	Truck
2.	-	-	-	-

Domestic Water Demand and Effluent Generation:NA

S.No.	Uses	Population/ area	Consumption rate	Water requirement [KLD]	Domestic Effluent [KLD]
1	Domestic uses [drinking, sanitation]				
2	Flushing water				
3	Canteen Facility	NA	---	---	---
4	Housekeeping	NA	---	---	---
5	Gardening	NA	---	---	---
	Total	NA	---	---	---

Water Balance Table

Requirement for	Input	Losses	Waste water generation	Losses after treatment	Recycled/ Reuse
Screening Process	35.00	1.0	34.0	1.00	**33.0 (31.0 KLDRecycle to process & 2.0 KLDreuse in greenbelt and other)**
Domestic	0.25	0.05	0.20	0.00	
Dust Suppression	2.70	2.70	0.00	0.00	
Greenbelt	2.00	2.00	0.00	0.00	
Total	39.75	5.75	34.20	1.00	**33.0**

Industrial Water Demand and Effluent Generation: NA

S.No.	Uses	Water requirement [KLD]	Effluent Generation [KLD]
1	Process - Boiler Chiller	--	--
2	Cooling Tower make up	--	--
3	Laboratory	--	--
4	APC devices [Fume scrubber]		--
5	Rejects from Water Treatment	--	--
	Total	--	--

Solid waste details: NA

S.No.	Waste Detail	Quantity Generation	Utilization/Disposal
1	Process waste [Category 21.1]	--	--
2	Spent solvent distillation residue [Cat 20.3]	--	--
3	ETP sludge [Category 35.3]	--	--
4	Empty barrels /liners/containers contaminated with hazardous wastes/ chemicals [Category 33.1]	--	--

5	Used Oil [Category 5.1]	---	--

Hazardous Waste

S.No.	Source	Quantity of hazardous waste generated	Category according to Schedule I of hazardous waste	Treatment/ Disposal
1.	Used Spent Oil	0.1 MTPA	5.1	Will be handed over toauthorized recyclers/re-processors
2.	DiscardedDrums /Barrels	10 Nos./Annum	33.1	Will be handed over toauthorized recyclers/re-processors

Solid Waste Generation and Its Management

Assuming per capita solid waste generation rate as 0.2 kg/capita/day	
Quantity of solid waste generated	2.00 kg/day
Organic solid waste : 60 % of the total waste	1.20 kg/day
Inorganic solid waste : 40 % of the total waste	0.80 kg/day
Disposal of domestic solid waste	Domestic wastes are segregated at source,collected in bins and disposed of as per UKPCB Norms

In the 8th meeting of SEIAA dated- 02.06.2023 the above proposal was referred back to SEAC with the following remark :–

- The distance of said project from Rajaji Tiger Reserve.
- Transport Plan for transporting materials from the project site to nearest highway.
- Plantation plan indication the site for plantation (500 trees per year)
- SEAC is also requested to carry out site visit and send its recommendation along with Google Map of the above project.

In today's meeting the project proponent has clarified the following points-

1. The distance from the Rajaji Tiger Reserve 4.25 KM by providing google map.
2. Transport Plan is submitted in the compliance report.
3. The plantation plan is also submitted point no 3 in above report.

The subcommittee of SEAC carry out their site visit on 13.06.2023 observed the following:–

- At the time of visit screening plantwas found non-functional.
- The Subcommittee advised the PP for repairing inside roads of the screening plants.
- The committee observed that some plantation around the periphery, subcommittee asked the PP to submit proposal for plantation around the periphery and in nearby land.
- The subcommittee observed that few new houses have been constructed near the site.
- The committee asked the PP to submit NOC from the house owners.
- The subcommittee asked PP to submit distance from Rajaji National Park and other clarifications.

The project proponent submitted the required information and NoC from the house owner adjacent to the site which are satisfactory.

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/INFRA2/429410/2023
Name of the Project	Existing RBM Screening Plant having capacity of 200 TPD along with 250 KVA DG setat Khasra No.228 Mi, Village FatehpurTanda, ReshamMajiri, Tehsil – Rishikesh, District – Dehradun
Name & Address of Proponent	M/s Himalayan Screeningby Shri Harbhajan Singh(Proponent)
Whether New/Expansion/ Modernization Project	New
Total Plot Area	0.4050 Ha.
Project Category	B2, (Orange Category as per Doon Valley Notification 1989 & 2020)

The project was submitted vide proposal no SIA/UK/INFRA2/429410/2023 on dated 16th May, 2023 by the project proponent. The committee observed that the proponent is seeking Environmental Clearance for Existing RBM Screening Plant having capacity of 200 TPD along with 250 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.**Project was prepared by Accredited consultancy firm M/s Rian Enviro Pvt. Ltd. and project was presented by Shri Muzaffar Ahmad, EIA Coordinator.** The details of the project are as follows:-

S.No	Parameters	Description
1.	Products and quantity	RBM 250 TPD
2.	Estimated Project Cost	3.20 Cr.
3.	Total Plot Area	4050.00 Sq. M.
4.	Proposed Green Area	1337.0 Sq. m
5.	Proposed Green Area	1337.0 Sq. m
6.	Fresh Water Consumption	8.0 KLD
7.	Fresh Water Source	Borewell
8.	Power Demand	900KVA
9.	Power back up	DG Set 250 KVA (01 No.)
10.	Wastewater Management	Sewage: 0.24KLD (Septic tank/soak Pit).
11.	Steam and heating system	
12.	Fuel Consumption	HSD

Land use details:

S.No	Parameters	Description
1.	Ground Coverage	
2.	Road and Paved area	
3.	Parking area	
4.	Green Area	1337.0 Sq. m
5.	Switchyard [OTS]	
6.	Future Expansion Area	
	Total Plot Area	4050.00 Sq. M.

Raw material details:

S.No	Major Raw Material	Avg. consumption per month	Source	Mode of Transport
1.	RBM	75000 MTPM	Open Market	Road

Domestic Water Demand and Effluent Generation:

S.No.	Uses	Population/ area	Consumption rate	Water requirement [KLD]	Domestic Effluent [KLD]
1	Domestic uses [drinking, sanitation]	10		0.30	0.24
2	Flushing water				
3	Canteen Facility				
4	Housekeeping				
5	Gardening	1337.0 Sq. m		5.00	
6	Dust Suppression	4050.00 Sq. M.		2.70	
7	Washing				
	Total			8.00	0.24

Industrial Water Demand and Effluent Generation:

S.No.	Uses	Water requirement [KLD]	Effluent Generation [KLD]
1	Process -		
2	Cooling Tower make up		
3	Laboratory		
4	APC devices [Fume scrubber]		
5	Rejects from Water		

	Treatment		
	Total		

Solid waste details:

S.No.	Waste Detail	Quantity Generation	Utilization/Disposal
1	Empty barrels /liners/containers contaminated with hazardous wastes/ chemicals [Category 33.1]	10 Nos./Annum	Authorized Recyclers
2	Used Oil [Category 5.1]	0.1 MTPA	Authorized Recyclers

In the 8th meeting of SEIAA dated- 02.06.2023 the above proposal was referred back to SEAC with the following remark :–

- The distance of said project from Rajaji Tiger Reserve.
- Transport Plan for transporting materials from the project site to nearest highway.
- Plantation plan indication the site for plantation.
- SEAC is also requested to carry out site visit and send its recommendation along with Google Map of the above project.

In today's meeting the project proponent has clarified the following points-

1. The distance from the Rajaji Tiger Reserve 3.5 KM by providing google map.
2. Transport Plan is submitted in the compliance report.
3. The plantation plan is also submitted in above report.

The subcommittee of SEAC carry out their site visit on 13.06.2023 observed the following:–

- At the time of visit screening plant was found non-functional.
- The Subcommittee advised the PP for repairing inside roads of the screening plants.
- The committee observed that some plantation around the periphery, subcommittee asked the PP to submit proposal for plantation around the periphery and in nearby land.
- The subcommittee asked PP to submit distance from Rajaji National Park and other clarifications.

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/INFRA2/432926/2023
Name of the Project	Proposed Construction of 'Eco Resort' at Khata No- 57, Khasra No. 636, 637, 638, 640 & 641MauzaRanipur Grant, Tehsil- Rishikesh, District -Dehradun.
Name & Address of Proponent	"Eco-resort" by 1- Smt. Laxmi Devi, 2- Smt. Meetu Bhardwaj, 3- Mr. Narendra Bhardwaj
Whether New/Expansion Project	New
Total Plot Area	23100.00 m^2
Total Build up Area	5699.94 m^2
Project Category	8(a) enlisted in project /activity as per EIA Notification, 2006

The project was submitted vide proposal no SIA/UK/INFRA2/432926/2023on dated 10th June, 2023by the project proponent. The committee observed that the proponent is seeking Environmental Clearance for Proposed Construction of 'Eco Resort'. The proponent has submitted detailed project related information in Form 1, Form 1-A, Conceptual Plan. **Project was prepared by Accredited consultancy firm M/s Rian Enviro Pvt. Ltd. and project was presented by Shri Muzaffar Ahmad, EIA Coordinator.** The project proponent has authorized (through an affidavit) Mr. Bharat Kalra S/o Shri Harmesh Kumar to attend this meeting on their behalf. The details of the project are as follows:-

S.No	Parameters	Description
1.	Plot Area	23100 Sq. m
2.	Proposed Built Up Area	5699.94 Sq. m
3.	Total no of Villas	41
4.	Total EWS Unit	
5.	Max Height of Building (Upto Terrace)	7.5m

6.	Max No of Floors	G+1
7.	Cost of Project	10.25 Cr.
8.	Expected Population	161 (including the staff/visitors)
9.	Proposed Ground Coverage Area	3277.17 Sq. m
10.	Proposed FAR	0.246
11.	Total Water Requirement	45.0KLD
12.	Fresh water requirement	24.0 KLD
13.	Waste water Generation	27.0 KLD
14.	Proposed STP Capacity	30.0 KLD
15.	No of RWH of Pits Proposed	2 Pits.
16.	Total Proposed Parking	60 ECS
17.	Proposed Green Area (10.00% of Plot Area)	2310 Sq.m
18.	Municipal Solid Waste Generation	78.25 Kg/Day
19.	Total Power Requirement	180 KW
20.	DG set backup	62.5 KVA (01 No.)

Salient features details:

S.No	Parameters	Description
GENERAL		
1.	Plot Area	23100 Sq. m
2.	Proposed Built Up Area	5699.94 Sq. m
3.	Number of Building Blocks	2 (Block – A & Block - B)
4.	Total no of Villas	41
5.	Max Height of Building (Upto Terrace)	7.5m
6.	Max No of Floors	G+1
7.	Cost of Project	10.25 Cr.
8.	Expected Population	161 (including the staff/visitors)
9.	Permissible Ground Coverage	30.00%
10.	Proposed Ground Coverage	14.18%
11.	Permissible FAR	0.25
12.	Proposed FAR Area	5699.94 Sq. m
13.	Proposed NoN FAR Area	
14.	Proposed Built Up Area	5699.94 Sq. m
WATER		
15.	Total Water Requirement	45.0 KLD
16.	Fresh water requirement	24.0 KLD
17.	Waste water Generation	27.0 KLD
18.	Proposed STP Capacity	30.0 KLD
19.	Treated Water Available for Reuse	21.0 KLD
20.	Recycled Water	21.0 KLD
21.	Surplus Treated water	
RAIN WATER HARVESTING		
22.	Rain Water Harvesting Potential	51 m^3
23.	No of RWH of Pits Proposed	02 Pits
PARKING		
24.	Total Parking Required as per building Bye Laws	60 ECS
25.	Total Proposed Parking	60 ECS
26.	Proposed Surface Parking	
27.	Proposed Stilt/Podium Parking	
28.	Proposed Basements Parking	
GREEN AREAS		
29.	Required Green Area	
30.	Proposed Green Area	2310.00 Sq. m
WASTE GENERATION		
31.	Municipal Solid Waste Generation	78.25 Kg/Day
32.	Bio Degradable waste	46.95 Kg/Day
33.	Quantity of Sludge Generated from STP	
POWER		
34.	Total Power Requirement	180 KW
35.	DG set backup	62.5 KVA (01 No.)

Land use details:

S.No	Parameters	Description
1.	Ground Coverage	14.18%
2.	Green Area	2310.00 Sq. m
3.	Road/Paved Parking Area	
4.	Other Open Area	
5.	Total Plot Area	23100.00 Sq. m

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

- The proposed project is adjoining reserve forest area of Barkot Range of Dehradun Forest Division. A survey was done by forest department to ascertain that no forest land has been encroached by the project proponent. Since, the outcome of the survey report has not been submitted yet by the project proponent hence the project proponent has submitted an affidavit assuring that "if any forest land is found in survey of forest department which was carried out on 13.06.2023, we will abide by the decision and surrender the forest land". -
- The Project proponent has submitted a demand letter of Eco Resort from MDDA vide file no- C-0379/22-23/RE1 dated-10.01.2023. The project proponent shall get the approval of MDDA as per the layout submitted. In case of any change in the proposed layout plan the Project Proponent shall inform the SEIAA and shall seek amended Environmental Clearance.
- Project Proponent shall install 1 water filter of aqua guard, 1 celling fan & provide atleast 1 computer in Govt. Primary School in Dugiyawala, Rishikesh.
- The Project proponent shall also provide 1 expert computer teacher to the Govt. Primary School in Dugiyawala for atleast one year on their own cost.
- Project Proponent shall comply green building norms.
- Project Proponent shall construct underground fire water storage tank having a capacity of 1.0 Lakh Liter.
- The project proponent shall construct rainwater harvesting pits in such a manner to prevent the ingress of contaminated water from ETP & STP into rainwater harvesting pit.
- 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 continous 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 Set shall be used only as backup power. The capacity of the proposed DG set shall not exceed 1 DG set of 62.5 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 meters 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 30 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 halfyearly 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 Tranboundary 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.
- 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 (Mahilamangal dal/ Yuvakmangal 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.

Proposal – 4

Online proposal No.	SIA/UK/MIN/405148/2022
Site Details	Proposed Extraction of Soapstone atVillage –Simtoli (Maudhar), Tehsil&Dist- Bageshwar.
Name & Address of Proponent	Shri. Bhupendra Joshi S/o Shri Harish Chandra Joshi, Village – Bagnath Ward, Tehsil&Dist- Bageshwar.
Coordinates	Latitude- 29°48'14.08"N to 29°48'27.39"N Longitude- 79°50'18.88"E to 79°50'29.80"E
Mining Lease Area	11.251 Ha
Category	B1 & 1(a) enlisted in project /activity as per EIA Notification, 2006

The project was submitted vide proposal no SIA/UK/MIN/405148/2022 on dated 8th 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 its dated- 03.02.2021, the ToR letter was issued vide letter No.-202/SEAC dated- 18.02.2021 and the public hearing was conducted on dated- 31.05.2022.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.

The project proponent has requested SEAC vide his Email dated- 15.06.2023 to defer this proposal as the project proponent is unable to present the case due to unavailability of updated District Survey Report (DSR) of concerned District.Hence with the permission of the chair,the committeedecided to defer the project till the DSR is made available to SEIAA.

Proposal – 5

Online proposal No.	SIA/UK/MIN/405838/2022
Site Details	Proposed Extraction of Soapstone atVillage – MahatGaon, Tehsil &Dist-Bageshwar.
Name & Address of Proponent	Shri Kailash Chandra Joshi Village & Post – Binola, Tehsil & District – Bageshwar

Coordinates	Latitude- 29°52'00.1378"N to 29°52'08.2418"N Longitude- 79°50'18.9839"E to 79°50'15.3818"E
Mining Lease Area	11.251 Ha
Category	B1 & 1(a) enlisted in project /activity as per EIA Notification, 2006

The project was submitted vide proposal no SIA/UK/MIN/405838/2022 on dated 8th 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 its dated- 07.08.2021, the ToR letter was issued vide letter No.-240/SEAC dated- 07.08.2021 and the public hearing was conducted on dated- 02.06.2022.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.

The project proponent has requested SEAC vide his Email dated- 15.06.2023 to defer this proposal as the project proponent is unable to present the case due to unavailability of updated District Survey Report (DSR) of concerned District.Hence with the permission of the chair,the committeedecided to defer the project till the DSR is made available to SEIAA.

Proposal – 6

Online proposal No.	SIA/UK/MIN/419398/2023
Site Details	Extraction of Sand/Bajri/Boulder from Song-3 River at Village - Markham Grant, Tehsil & District- Dehradun
Name & Address of Proponent	M/s Uttarakhand Forest Development Corporation (UKFDC), AranyaVikasBhawan, 73 Nehru Road, Dehradun.
Coordinates	Latitude- 29°52'00.1378"N to 29°52'08.2418"N Longitude- 79°50'18.9839"E to 79°50'15.3818"E
Mining Lease Area	93.50 Ha
Category	B1 & 1(a) enlisted in project /activity as per EIA Notification, 2006

The project was submitted vide proposal no SIA/UK/MIN/419398/2023 on dated 10th March, 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 issued by the MoEF&CCvide F.NO. J-11015/89/2020-IA.II (M), dated- 04.03.2021 and the public hearing was conducted on dated- 12.07.2022.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.

The accredited consultant hired by the project proponent for the above project could not attend SEAC meeting at the designated time. Therefore the project is defer to next meeting.

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

Proposal – 1

Online proposal No.	SIA/UK/INFRA2/431844/2023
Name of the Project	Proposed Common Municipal Solid Waste Management Facility (CMSWMF) for Karanprayagat Khasra no. 1329, 1341,1342, 3943, 4099,4324,4325, 4544,4546, 4569Village- Dimmar, Tehsil-Karanprayag, District- Chamoli.
Name & Address of Proponent	M/s Nagar PalikaParishad, Karnparyag, District- Chamoli.
Whether New/Expansion Project	New
Total Plot Area	4362.00 m^2
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.

The project proponent has requested SEAC vide his Email dated- 13.06.2023 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.

(Shri S.S. Bist)	(Dr. A.K. Minocha)	(Dr.AshutoshGautam)	(Dr. B.P. Purohit)
Chairman,SEAC	Member, SEAC	Member,SEAC	Member,SEAC
(Attended Online)			

(Shri Nitish Mani Tripathi)
Member 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-2

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 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 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 30th April to 15th 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 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.

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