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: 20/SEAC
Dated: 12, May, 2023

The First Day of the 7th meeting of the Uttarakhand State Level Expert Appraisal Committee (SEAC) was held on 11th May, 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. 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 includesIndustrial, Construction, Integrated Municipal Solid Waste Management Facility (IMSWMF), Common Bio Medical Waste Treatment Facility (CBWTF)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/IND/289553/2022
Name of the Project	ProposedInstallation of RBM Screening Plant having capacity of 500 TPD at Khasra no. 2782, 2791 Kurkawala, Markham Grant, Doiwala, Dehradun
Name & Address of Proponent	M/s Doon Screening Plant by Shri Mohsin Ahmed (Authorized Signatory)
Whether New/Expansion/ Modernization Project	New
Total Plot Area	10780.00 m^2
Project Category	B2, (Orange Category as per Doon Valley Notification 1989 & 2020)

The project was submitted vide proposal no SIA/UK/IND/289553/2022 on dated 20th August, 2022by the project proponent. The committee observed that the proponent is seeking Environmental Clearance for Proposed Installation of RBM Screening Planthaving capacity of 500 TPD. 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 Environmental Management Division of M/s India Glycols Ltd. and project was presented by Shri Chakresh Pathak, EIA Coordinator.**

The committee (barring Dr.Ashutosh Gautam, Member SEAC who recused himself from attending the appraisal of the present proposal) considered the proposal after going through the EIA/EMP reports. The details of the project are given below:-

S.No	Parameters	Description
1.	Products and quantity	RBM 50 TPH
2.	Estimated Project Cost	0.75 Cr.
3.	Total Plot Area	10780 .00 Sq. M.
4.	Proposed Green Area	3557.4 Sq. m
5.	Proposed Green Area	3557.4 Sq. m
6.	Fresh Water Consumption	3.9 KLD
7.	Fresh Water Source	Borewell
8.	Power Demand	89 KVA
9.	Power back up	
10.	Wastewater Management	Sewage:0.9KLD (Septic tank/soak Pit).

11.	Steam and heating system	
12.	Fuel Consumption	

Land use details:

S.No	Parameters	Description
1.	Ground Coverage	
2.	Road and Paved area	
3.	Parking area	
4.	Green Area	3557.4Sq.M
5.	Switchyard [OTS]	
6.	Future Expansion Area	
	Total Plot Area	10780 Sq.m

Raw material details:

S.No	Major Raw Material	Avg. consumption per month	Source	Mode of Transport
1.	RBM	15000 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]	15		0.9	0.9
2	Flushing water				
3	Canteen Facility				
4	Housekeeping				
5	Gardening	3557.4 Sq.M		1.0	0.0
6	Dust Suppression	10780 Sq.M		1.0	
7	Washing			1.0	
	Total			3.9	0.9

Industrial Water Demand and Effluent Generation:

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

Solid waste details:

S.No.	Waste Detail	Quantity Generation	Utilization/Disposal
1	Expired finish product [Category 28.3]		
2	ETP sludge [Category 35.3]		
3	Empty barrels /liners/containers contaminated with hazardous wastes/ chemicals [Category 33.1]		
4	Used Oil [Category 5.1]		

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

- The Project proponent has informed in his presentation that the actual distance of the project site from the bank of non-perennial river is 500 meters& no other perennial river falls within 500 meters of the said project.
- Govt. of Uttarakhand has issued G.O. in favour of this project vide its letter No- 1069 dated- 3.8.2018 which is valid for 5 years, the present E.C. will remain co-terminus with the duration of the Govt. G.O. In future if extension/renewal is provided by the Govt. then the current E.C. will be co-terminus accordingly.

- Project Proponent shall ensure compliance of CER activity through any Govt. Organization.
- The Project proponent has assured that he will use new and most advanced machineries, which are efficient to minimize air and noise pollution.
- The Project proponent has assured that they will ensure 3 layered plantation on the periphery of the premises.
- The Project proponent shall install Solar lights in the adjoining villages in consultation with local Authorities/Forest officials.
- The unit should properly provide covered processing area for control of fugitive emission.
- The unit should provide ducting and scrubbing system in cover shed to arrest dust as per State Policy, 2021.
- The unit should provide pucca drain for wastewater conveyance to settling tank.
- The unit shall provide proper overflow system in settling tank.
- The unit should provide proper water sprinklers with sufficient pressure as per State Policy, 2021.
- The unit should install interlock system for air pollution control device and process.
- The unit should expedite to construct brick wall of sufficient height. The unit should provide adequate green belt as per State Policy 2021. Till the adequate growth of plants, the unit may provide other alterative arrangement for fugitive emission control.
- The unit should provide complete metaled road as per State Policy, 2021.
- The unit should maintain proper log book of fresh water consumption.
- Project Proponent shall install solar lights on the periphery of its premises.
- Regular health checkup of workers by recognized medical practitioners shall be ensured by the Project proponent and shall submit report to SEIAA along with six monthly compliance report.
- The project proponent will submit fortnightly reports pertaining to ambient air quality, and quarterly 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 reports pertaining to ambient air quality shall be submitted before 10th day of every month and the reports pertaining to ground water quality and noise shall be submitted before 10th day of every fourth month to SEIAA.
- The Project proponent will install advanced dust suppression system at the project site.
- The Project Proponent shall develop multi layered green belt around the periphery of the plant. The green belt thus developed should be on more than 10 percent of the project area. The project proponent will develop additional green belt in the surrounding areas to complete the requirement of 33% green belt of the project area. The project proponent shall plant fast growing species such as bamboo in the premises.
- The Project proponent shall plant fast growing species on both the sides of road connecting from the project premises to main road.
- The project proponent shall submit the NoC from CGWB for utilization of ground water.
- The project proponent shall undertake rainwater harvesting activities in the surrounding villages preferably in the schools, primary health centers in consultation with local authorities.
- Barricading (boundary) of at least 20 feet height around the project site shall be constructed by the project proponent.
- The Proponent shall ensure installation of water sprinklers within the premises to prevent dust hazards.
- 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.
- All the vehicles being used for transportation from the Screening Plant should have a valid pollution under control certificate.
- The Project proponent shall submit dust emission dispersion modeling to SEIAA on yearly basis from Government recognized institution/NABET approved consultant.
- The project proponent shall ensure maintenance of the approach road.
- The project proponent is allowed to run the plant only during day time. The plant running hour shall not be more than 10 hours in a day.
- The Project Proponent shall obtain CTE/CTO from UKPCB prior to operation of the plant.
- 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 guidelines issued for Screening Plant by MoEF&CC, CPCB and UKPCB as amended from time to time.
- The Project Proponent shall follow directions/orders issued by Hon'ble High Court/NGT/ Supreme Court with respect to establishment of Screening Plant or on issues pertaining to pollution by Screening Plant.

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

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

Proposal – 2

Online proposal No.	SIA/UK/IND3/414053/2023
Name of the Project	Proposed Manufacturing of Pharmaceutical Formulation atKhata No 55, Khasra No 2755 Mauza Shankarpur, Hakumatpur, Pagrgana Pachwa Doon Tehsil-Vikas Nagar, District- Dehradun. (Plot no F -15 Sara Industrial Estate Selaqui, Dehradun)
Name & Address of Proponent	M/sAryatech Pharma Pvt. Ltd. by Shri Sanjeev Kumar Sharma (Managing Director)
Whether New/Expansion/ Modernization Project	New
Total Plot Area	905.00m^2
Project Category	B2, (Orange Category as per Doon Valley Notification 1989 & 2020)

The project was submitted vide proposal no SIA/UK/IND3/414053/2023on dated 11th January, 2023by the project proponent. The committee observed that the proponent is seeking Environmental Clearance for Proposed Manufacturing of Pharmaceutical Formulation. 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	1. Syrup- Zinc, Ascorbic Acid & Cholecalciferol Syrup, Pepsin & Fungal Diastase Syrup, Iron, Folic Acid, Vitamin B12 with Minerals Syrup, Hematinic Syrup of Iron, Folic Acid and Vitamin B_{12}, Multivitamin, Multimineral& Zinc Syrup, Palatable Preparation of Digestive Enzymes, Carminative Mixture with Digestive Enzymes, Lactulose Solution USP, Cyproheptadine Hydrochloride &Tricholine Citrate Syrup, Chlorpheniramine Maleate and Dextromethorphan Hydrobromide Syrup, levocetirizinedihydrochloride&montelukast syrup, Palatable Preparation of Digestive Enzymes, Carminative Mixture with Digestive Enzymes, Lycopene (10 %), Niacinamide, Pyridoxine Hydrochloride, Cyanocobalamin, Folic Acid, Selenium (As Sodium Selenate), Zinc (As Zinc Gluconate), Iodine (As Potassium Iodide), Copper (As Copper Sulphate Pentahydrate), Biotin Magnesium Gluconate, Chlorpheniramine Maleate and Dextromethorphan Hydrobromide Syrup, Paracetamol, Chlorpheniramine Maleate and Phenylephrine Hydrochloride, Diphenhydramine Hydrochloride, Ammonium Chloride, Sodium Citrate and Menthol, Ambroxol Hydrochloride, LevosalbutamolSulphate and Guaiphenesin 2. Drop- Pepsin & Fungal Diastase Drops, Simethicone, Dill Oil & Fennel Oil Drops, Pepsin & Fungal Diastase Drops 3. Suspension- Aceclofenac& Paracetamol Suspension, Phenylephrine Hydrochloride, Paracetamol, Chlorpheniramine Maleate,

		Sodium Citrate & Menthol Oral Suspension, Fexofenadine Hydrochloride & Phenylephrine Hydrochloride Suspension, Paracetamol pediatric oral suspension 4. Mouthwash- Chlorhexidine Mouthwash IP 5. Cream- Clobetasol Propionate, Neomycin, Tolnaflate, Iodochlorhydroxyquinoline and Ketoconazole CREAM 6. Gel- Diclofenac, 7. Spray- diclofenac, linseed oil, methyl salicylate with menthol spray, Isotonic Nasal Spray, Betamethasone Dipropionate and Zinc Sulphate spray 8. Ointment- diclofenac, linseed oil, methyl salicylate with menthol gel ointment 9. Lotion- Clobetasol Propionate, Neomycin, Tolnaflate, Iodochlorhydroxyquinoline and Ketoconazole Cream
2.	Estimated Project Cost	4.0 Cr.
3.	Total Plot Area	905.00 Sq.m
4.	Proposed Green Area	107.45 Sq.m
5.	Proposed Green Area	107.45 Sq.m
6.	Fresh Water Consumption	4.0 KLD
7.	Fresh Water Source	Borewell
8.	Power Demand	60 KVA
9.	Power back up	80 KVA (One DG Set)
10.	Wastewater Management	Proposed ETP (Capacity – 4.0 KLD) Proposed STP (Capacity – 2.0 KLD)
11.	Steam and heating system	Boiler 400 Kg/Hr.
12.	Fuel Consumption	HSD

Land use details:

S.No	Parameters	Description
1.	Ground Coverage	45.39 %
2.	Road and Paved area	
3.	Parking area	109.81Sq.M
4.	Green Area	107.45 Sq.M
5.	Switchyard [OTS]	
6.	Future Expansion Area	
	Total Plot Area	**905.0Sq.m**

Raw material details:

S.No	Major Raw Material	Avg. consumption Kg per Annum	Source	Mode of Transport
1.	Bromhexine HCL	500		Road
2.	Ambroxil HCL	600		Road
3.	Guaefenesine	500		Road
4.	Terbutaline	300		Road
5.	Pepsin	500		Road
6.	Fungal Disest	500		Road
7.	Paracetamol	2000		Road
8.	Acceclofenac	1500		Road
9.	Diclofenac Sodium	200		Road
10.	Menthol	1000		Road
11.	Propyl Glycol	4000		Road
12.	Sorbitol	4000		Road
13.	IPA	3000		Road
14.	SodiumBenzoate	200		Road
15.	Arosil	400		Road
16.	Iron	20		Road
17.	Biotin	20		Road
18.	Zinc	40		Road
19.	Pridoxine HCL	80		Road
20.	Riboflavin	30		Road

21.	Vitamin A	30		Road
22.	Phenylephrin	300		Road
23.	Certizine	400		Road
24.	Montelukast	400		Road
25.	Levocdertirizine	300		Road
26.	Calcium Carbonate	600		Road
27.	Sunset Yellow Colour	10		Road
28.	Colour Caramel	10		Road
29.	Pinapple flavour	200		Road
30.	Mango Flavour	200		Road
31.	Mix Fruit Flavour	200		Road
32.	Acebrophyline	300		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]	35 Nos.		1.0	0.75
2	Flushing water				
3	Canteen Facility				
4	Housekeeping				
5	Gardening	107.45 Sq m		0.5	
	Total			**1.5**	

Industrial Water Demand and Effluent Generation:

S.No.	Uses	Water requirement [KLD]	Effluent Generation [KLD]
1	Process – Boiler, Washing	4.5	2.35
2	Cooling Tower make up		
3	Laboratory		
4	APC devices [Fume scrubber]		
5	Rejects from Water Treatment		
	Total	**4.5**	**2.35**

Solid waste details:

S.No.	Waste Detail	Quantity Generation	Utilization/Disposal
1	Expired finish product [Category 28.3]	50.00 MTPA	Sent To TSDF
2	ETP sludge [Category 35.3]	25.00 MTPA	Sent To TSDF
3	Empty barrels /liners/containers contaminated with hazardous wastes/ chemicals [Category 33.1]	10 Nos.	Authorized Recycler
4	Used Oil [Category 5.1]	0.24 MTPA	Authorized Recycler

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

- Project Proponent shall not produce Beta lactum, Ceflosporin, Anti-Cancer drugs, Narcotics.
- Project Proponent shall install solar light in Anand Van suchaas Jhajhra.
- Project Proponent shall comply with the EPR authorization, if applicable.
- Project Proponent shall ensure compliance of CER activity through any Govt. Organization.
- Project Proponent shall dispose AHU filter dust and filters to TSDF.
- 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.
- 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.
- In case of further expansion or modification in the plan project proponent shall apply for modification/fresh E.C.
- The Project Authority shall strictly comply with provisions of Doon Valley Notification, 1989 & 2020
- During any type of construction in the existing land area, the topsoil excavated shall be used for backfilling/ landscape development/ green belt development. The same shall not

be disposed off outside the boundaries of project site without approval of Competent Authority.

- The groundwater samples shall be tested from accredited labs and it shall be ensured that test results comply with CPCB standards so as to ensure that there is no threat to groundwater quality by leaching of heavy metals and toxic contaminants.
- All stacking and loading areas should be provided with proper garland drains equipped with baffles to prevent runoff from the site to enter any adjoining water body. Construction spoils including bituminous materials must not be allowed to contaminate watercourse and dumpsites as these may leach into ground water
- No waste water shall be discharged outside the plant boundary and 'Zero Discharge' shall be strictly adhered to permissible standards.
- All the hazardous residue and wastes arising from units shall be either sent to TSDF for land filling or for incineration. Hazardous chemicals shall be stored in tanks in tank farms, drums, carboys etc.
- The gaseous emissions (SO_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.
- The DG set shall use Low Sulphur Diesel type fuel and should have stack height complying with CPCB norms. DG set should be operated only during power failure in emergency situation.
- The ambient air quality and noise levels as per CPCB norms shall be ensured through a monitoring system. Dust Suppression during construction activity shall be ensured. Acoustic enclosures shall be provided with all machineries and DG sets on site complying with Noise Levels as per CPCB standards.
- All necessary efforts shall be made to ensure safety and hygiene of workforce. First Aid facility shall be established and trained manpower to deal with emergency cases shall be engaged. The labour force engaged on site shall be screened for health from time to time
- Adequate drinking water and sanitation facility shall be provided on site for the workforce. Provision shall be made for supply of domestic fuel to the workforce so that they do not remain dependent on adjoining forest areas for fuel wood.
- The Project proponent shall install Solar lights in the adjoining villages in consultation with local Authorities/Forest officials.
- Project Proponent shall install solar lights on the periphery of its premises.
- Regular health checkup of workers by recognized medical practitioners shall be ensured by the Project proponent and shall submit report to SEIAA along with six monthly compliance report.
- The project proponent will submit reports pertaining to ambient air quality, report pertaining to ground water quality and noise. These reports should be monitored and generated by a NABL approved laboratory having scope of it.
- The Project proponent will install advanced dust suppression system at the project site.
- The Project Proponent shall develop multi layered green belt around the periphery of the plant. The green belt thus developed should be on more than 10 percent of the project area. The project proponent will develop additional green belt in the surrounding areas to complete the requirement of 33% green belt of the project area. The project proponent shall plant fast growing species such as bamboo in the premises.
- The Project proponent shall plant fast growing species on both the sides of road connecting from the project premises to main road.
- The project proponent shall submit the NoC from CGWB for utilization of ground water.
- The project proponent shall undertake rainwater harvesting activities in the surrounding villages preferably in the schools, primary health centers in consultation with local authorities.
- The Project Proponent shall follow all relevant directions/orders issued by Hon'ble High Court/NGT/ Supreme Court.
- This Environmental Clearance (E.C.) is subject to obtaining clearance under the Wildlife (Protection) Act, 1972 from the competent Authority as may be applicable to this project.
- The project proponent shall also submit six monthly reports on the status of the compliance of the stipulated E.C conditions including results of monitored data to this Authority and Integrated regional office of MoEF&CC, Govt of India at Dehradun.

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

Proposal – 3

Online proposal No.	SIA/UK/INFRA2/417248/2023
Name of the Project	Proposed Integrated Municipal Solid Waste Management Facility (IMSWMF) at Khasra No- 3660, 3661, 3697 & 3698 Vill- Khandakhal, Tehsil &Dist- TehriGarhwal.
Name & Address of Proponent	M/s Nagar Palika Parishad, Tehri Garhwal.
Whether New/Expansion Project	New
Total Plot Area	32550 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/INFRA2/417248/2023 on dated 7th February, 2023 by the project proponent. The committee observed that the proponent is seeking Environmental Clearance for Proposed Integrated Municipal Solid Waste Management Facility (IMSWMF). **The committee considered the proposal after EIA/EMP & Public Hearing.** The committee observed that the ToR was granted by the SEAC in its 18th Meeting dated- 09.07.2021& the ToR letter was issued vide letter No.- 228/SEAC dated- 15.07.2021 and the public hearing was conducted on dated- 20.04.2022. The project proponent has now submitted final EIA report consisting of chapters including description of environment, anticipated environmental impact and mitigation measures, environmental monitoring programme, project benefits, Disclosure of Consultants Engaged EMP etc.**Project was prepared by Accredited consultancy firm Centre For Envotech & Management Consultancy Pvt. Ltd.and project was presented by Shri Bidyut Patra, EIA Coordinator.** The details of the project are as follows:-

S.No	Parameters	Description			
1.	Products and quantity	MSW – 4.3TPD (Designed) from Chamba and MSW – 9.972TPD (Designed) from New Tehri Proposed Plant Capacity – 15 TPD			
2.	Estimated Project Cost	6.69Crore			
3.	Total Plot Area	32550sqm			
4.	Proposed Green Area	9765sqm			
5.	Proposed Green Area	9765sqm			
6.	Fresh Water Consumption	5KLD			
7.	Fresh Water Source	Surface Water from JalSansthan			
8.	Power Demand	250 KVA from UPCL			
9.	Power back up	DG set of 250 KVA			
10.	Wastewater Management	**Use of Water**	**Water requirement**	**Waste water generation**	**Mode of Disposal**
		Process (Leachate)	4KLD	3.5 KLD	ETP
		Domestic	1KLD	0.8KLD	Soak Pit
11.	Steam and heating system	N.A.			
12.	Fuel Consumption	Only for DG Set 20ltr/hrHSD in case of Power Failure.			

Land use details:

S.No	Parameters	Description
1.	Ground Coverage	1000 sqm
2.	Road and Paved area	2300sqm
3.	Parking area	3000sqm
4.	Green Area	9765sqm
5.	Switchyard [OTS]	Nil
6.	Future Expansion Area	N.A.
	Total Plot Area	32550sqm

Raw material details:

S.No	Major Raw Material	Avg. consumption per month	Source	Mode of Transport
1.	Municipal Solid Waste	15TPD	Household and other Waste Generating units of	Road

			Tehri & Chamba	

Domestic Water Demand and Effluent Generation:

S.No.	Uses	Population/ area	Consumption rate	Water requirement [KLD]	Domestic Effluent [KLD]
1	Domestic uses [drinking, sanitation]	35	30	1.0	0.8
2	Flushing water	35	---	0.2	0.15
3	Canteen Facility	N.A.	N.A.	N.A.	N.A.
4	Housekeeping	N.A.	N.A.	N.A.	N.A.
5	Gardening (Recycled Water)	9765 sqm	------	4KL	---

Industrial Water Demand and Effluent Generation:

S.No.	Uses	Water requirement [KLD]	Effluent Generation [KLD]
1	Process – ETP/Leachate	4	3.5
2	Cooling Tower make up	N.A.	N.A.
3	Laboratory	N.A.	N.A.
4	APC devices [Fume scrubber]	N.A.	N.A.
5	Rejects from Water Treatment	N.A.	N.A.
	Total	**4KLD**	**3.5KLD**

Solid waste details:

S.No.	Waste Detail	Quantity Generation	Utilization/Disposal
1	Municipal Solid Waste	15TPD	Composting and SLF

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

- The project site has few trees which should not be fell without due permission of competent authority.
- The Project proponent has submitted that there is no habitation within 500 meter from the proposed site.
- During the presentation before the committee the Project Proponent has assured that non segregated waste will not be brought to the facility.
- The facility should be enclosed from all sides by either a boundary wall or tin sheet wall of at least 8.00 feet height.
- Plantation should be ensured in nearby areas.
- The Project Proponent shall ensure that foul smell should not emanate from the premises.
- Proper impervious lining should be provided under the processing site and land fill site to prevent contamination of ground water.
- Proper leachate collection drain and collection pit should be provided to prevent contamination of surface water.
- The Project Proponent shall allow Solid Waste of adjoining helmets too.

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/INFRA2/423175/2023
Name of the Project	Establishing the new unit for manufacturing of EVA midsol/outsol and rubber outsol sheet at Khasra no. 1726, 1727k Majri Grant, Village- Lal Tappar, P/o- ReshamMajri, Tehsil- Rishikesh, Dist-Dehradun.
Name & Address of Proponent	M/s Goodsol Industries LLP by Shri Sukhbir Singh (Partner)
Whether New/Expansion/ Modernization Project	New
Total Plot Area	2787.00 m^2
Project Category	B2, (Orange Category as per Doon Valley Notification 1989 &2020)

The project was submitted vide proposal no SIA/UK/INFRA2/423175/2023on dated 23rdMarch, 2023 by the project proponent. The committee observed that the proponent is seeking Environmental Clearance for establishing the new unit for manufacturing of EVA midsol/outsol and rubber outsol sheet. 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 Environmental Management Division of M/s India Glycols Ltd. and project was presented by Shri Chakresh Pathak, EIA Coordinator.**

The committee (barring Dr. Ashutosh Gautam, Member SEAC who recused himself from attending the appraisal of the present proposal) considered the proposal after going through the EIA/EMP reports. The details of the project are given below:-

S.No	Parameters	Description
1.	Products and quantity	1. EVA Midsol/outsol (80,000 nos/month) 2. Rubber outsol/sheets (80,000nos/month)
2.	Estimated Project Cost	4.81Cr.
3.	Total Plot Area	2787 Sq.m
4.	Proposed Green Area	278.7 Sq. m
5.	Proposed Green Area	278.7Sq. m
6.	Fresh Water Consumption	4.5 KLD
7.	Fresh Water Source	Borewell
8.	Power Demand	500KVA
9.	Power back up	300 KVA
10.	Wastewater Management	STP 10.0 KLD, ETP 2.0 KLD
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	278.7Sq. m
5.	Switchyard [OTS]	
6.	Future Expansion Area	
	Total Plot Area	2787 Sq. m.

Raw material details:

S.No	Major Raw Material	Avg. consumption per month	Source	Mode of Transport
1.	EVA compounding,			Road
2.	Rubber compounding			Road
3.	Adhesives			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]	150		4.5	3.6
2	Flushing water				
3	Canteen Facility				
4	Housekeeping				
5	Gardening	278.7 Sq. m		3.0	
	Total			7.5	3.6

Industrial Water Demand and Effluent Generation:

S.No.	Uses	Water requirement [KLD]	Effluent Generation [KLD]
1	Process -	1.5	1.0

2	Cooling Tower make up		
3	Laboratory		
4	APC devices [Fume scrubber]		
5	Rejects from Water Treatment		
	Total	1.5	1.0

Solid waste details:

S.No.	Waste Detail	Quantity Generation	Utilization/Disposal
1	Empty barrels /liners/containers contaminated with hazardous wastes/ chemicals [Category 33.1]	50 Nos./Annum	Authorized Recyclers
2	Used Oil [Category 5.1]	2.0 MTPA	Authorized Recyclers

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

- Project Proponent shall install solar light in Nature Park & Nursery such as Lachhiwala.
- Project Proponent shall comply with the EPR authorization, if applicable.
- Project Proponent shall ensure compliance of CER activity through any Govt. Organization.
- Project Proponent shall dispose AHU filter dust and filters to TSDF.
- 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.
- 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.
- In case of further expansion or modification in the plan project proponent shall apply for modification/fresh E.C.
- The Project Authority shall strictly comply with provisions of Doon Valley Notification, 1989 & 2020
- During any type of construction in the existing land area, the topsoil excavated shall be used for backfilling/ landscape development/ green belt development. The same shall not be disposed off outside the boundaries of project site without approval of Competent Authority.
- The groundwater samples shall be tested from accredited labs and it shall be ensured that test results comply with CPCB standards so as to ensure that there is no threat to groundwater quality by leaching of heavy metals and toxic contaminants.
- All stacking and loading areas should be provided with proper garland drains equipped with baffles to prevent runoff from the site to enter any adjoining water body. Construction spoils including bituminous materials must not be allowed to contaminate watercourse and dumpsites as these may leach into ground water
- No waste water shall be discharged outside the plant boundary and 'Zero Discharge' shall be strictly adhered to permissible standards.
- All the hazardous residue and wastes arising from units shall be either sent to TSDF for land filling or for incineration. Hazardous chemicals shall be stored in tanks in tank farms, drums, carboys etc.
- The gaseous emissions (SO_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.
- The DG set shall use Low Sulphur Diesel type fuel and should have stack height complying with CPCB norms. DG set should be operated only during power failure in emergency situation.
- The ambient air quality and noise levels as per CPCB norms shall be ensured through a monitoring system. Dust Suppression during construction activity shall be ensured. Acoustic enclosures shall be provided with all machineries and DG sets on site complying with Noise Levels as per CPCB standards.
- All necessary efforts shall be made to ensure safety and hygiene of workforce. First Aid facility shall be established and trained manpower to deal with emergency cases shall be engaged. The labour force engaged on site shall be screened for health from time to time

- Adequate drinking water and sanitation facility shall be provided on site for the workforce. Provision shall be made for supply of domestic fuel to the workforce so that they do not remain dependent on adjoining forest areas for fuel wood.
- The Project proponent shall install Solar lights in the adjoining villages in consultation with local Authorities/Forest officials.
- Project Proponent shall install solar lights on the periphery of its premises.
- Regular health checkup of workers by recognized medical practitioners shall be ensured by the Project proponent and shall submit report to SEIAA along with six monthly compliance report.
- The project proponent will submit reports pertaining to ambient air quality, report pertaining to ground water quality and noise. These reports should be monitored and generated by a NABL approved laboratory having scope of it.
- The Project proponent will install advanced dust suppression system at the project site.
- The Project Proponent shall develop multi layered green belt around the periphery of the plant. The green belt thus developed should be on more than 10 percent of the project area. The project proponent will develop additional green belt in the surrounding areas to complete the requirement of 33% green belt of the project area. The project proponent shall plant fast growing species such as bamboo in the premises.
- The Project proponent shall plant fast growing species on both the sides of road connecting from the project premises to main road.
- The project proponent shall submit the NoC from CGWB for utilization of ground water.
- The project proponent shall undertake rain water harvesting activities in the surrounding villages preferably in the schools, primary health centers in consultation with local authorities.
- The Project Proponent shall follow all relevant directions/orders issued by Hon'ble High Court/NGT/ Supreme Court.
- This Environmental Clearance (E.C.) is subject to obtaining clearance under the Wildlife (Protection) Act, 1972 from the competent Authority as may be applicable to this project.
- The project proponent shall also submit six monthly reports on the status of the compliance of the stipulated E.C conditions including results of monitored data to this Authority and Integrated regional office of MoEF&CC, Govt of India at Dehradun.

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

Proposal – 5

Online proposal No.	SIA/UK/INFRA2/426299/2023
Name of the Project	Proposed expansion of manufacturing of Shoe component in the existing Complex at Khasra No. 3844, 3838, 3878, Lal Tappar Industrial Area, Tehsil- Rishikesh, District- Dehradun
Name & Address of Proponent	M/s Fabsol (A Unit of Mochiko Shoes Pvt. Ltd.) by Shri ParbalGiri(Sr. General Manager)
Whether New/Expansion/ Modernization Project	Expansion
Total Plot Area	5954.166 m^2
Project Category	B2, (Orange Category as per Doon Valley Notification 1989 &2020)

The project was submitted vide proposal no SIA/UK/INFRA2/426299/2023 on dated 19th April, 2023 by the project proponent. The committee observed that the proponent is seeking Environmental Clearance for proposed expansion of manufacturing of Shoe component in the existing Complex. 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 Environmental Management Division of M/s India Glycols Ltd. and project was presented by Shri Chakresh Pathak, EIA Coordinator.**

The committee (barring Dr. Ashutosh Gautam, Member SEAC who recused himself from attending the appraisal of the present proposal) considered the proposal after going through the EIA/EMP reports. The details of the project are given below:-

S.No	Parameters	Description
1.	Products and quantity	Shoe Component - 10.0 Lacs pair Nos./Month
2.	Estimated Project Cost	Rs. 10.58 Crores

3.	Total Plot Area	5954.166 Sq. m
4.	Proposed Green Area	1106.66Sq. m
5.	Proposed Green Area	1106.66Sq. m
6.	Fresh Water Consumption	31.0 KLD
7.	Fresh Water Source	Existing Borewell
8.	Power Demand	1500KVA
9.	Power back up	320 KVA, 620 KVA & 500 KVA (02 Nos.)
10.	Wastewater Management	36.0 KLD Sewage - Augmented STP (Capacity - 25.0 KLD to 40.0 KLD)
11.	Steam and heating system	
12.	Fuel Consumption	HSD

Land use details:

S.No	Parameters	Description
1.	Ground Coverage	3647.37 Sq. m.
2.	Road and Paved area	1170.0 Sq. m.
3.	Parking area	
4.	Green Area	1106.66 Sq. m.
5.	Switchyard [OTS]	
6.	Future Expansion Area	
	Total Plot Area	5954.166 Sq. m.

Raw material details:

S.No	Major Raw Material	Avg. consumption per month	Source	Mode of Transport
1.	IR 2200	27285.72 Kg		Road
2.	PBR 1220	44200 Kg		Road
3.	SBR 1502	4800 Kg		Road
4.	Steric Acid (Godrej)	357.1428 Kg		Road
5.	Zinc Oxide Active ZNO	3000 Kg		Road
6.	PEG-4000	2214.286 Kg		Road
7.	MBTS -70 Master Batch	1000 Kg		Road
8.	Antilux-654	228.5714 Kg		Road
9.	Rhenocin 268	428.5714 Kg		Road
10.	S-80 (Lanxess)	1642.857 Kg		Road
11.	CATALYST GRADE-1	428.5714 Kg		Road
12.	ENGAGE 8200	8.571428 Kg		Road
13.	Calcium Carbonate	3285.714 Kg		Road
14.	TIO2 R-104 (Du Pont Ti Pure)	500 Kg		Road
15.	WINGS STAY L 25 kg	71.42858 Kg		Road
16.	TMQ (VULKANIX HS/ LG)	500 Kg		Road
17.	RHENOCURE TP/S (20 Kg)	114.2857 Kg		Road
18.	RHENOGRA MMBI -70	285.7142 Kg		Road
19.	RHENOGRA TBZTD-70	142.8571 Kg		Road
20.	Silica TYSIL 175H	31928.58 Kg		Road
21.	Carbon Black N330 (Philip)	5000 Kg		Road
22.	Rubber Oil H-32	8400 Kg		Road
23.	SI-69 Evonik	2142.858 Kg		Road

24.	MonoCoat G 260 (400 ml)	245.7142 Nos.		Road
25.	EF-44 (20 Kg)	57.14286 Kg		Road
26.	RENOGRAM 1987-A	71.42858 Kg		Road
27.	Mould Release Agent 34/ Marbo (40kg)	42.85714 Kg		Road
28.	LOCTITE 233 M (26 kg)	160 Kg		Road
29.	Diamond Kote W-123 (18.9)	216 Kg		Road
30.	EVA Bags	12531.43 Nos.		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]			45	36
2	Flushing water				
3	Canteen Facility				
4	Housekeeping				
5	Gardening			7.0	0.00
	Total			52.0	36

Industrial Water Demand and Effluent Generation:

S.No.	Uses	Water requirement [KLD]	Effluent Generation [KLD]
1	Process -	2.0	0.5
2	Cooling Tower make up		
3	Laboratory		
4	APC devices [Fume scrubber]		
5	Rejects from Water Treatment		
	Total	2.0	0.5

Solid waste details:

S.No.	Waste Detail	Quantity Generation	Utilization/Disposal
1	Empty barrels /liners/containers contaminated with hazardous wastes/ chemicals [Category 33.1]	0.2 MTPA	Authorized Recyclers
2	Used Oil [Category 5.1]	1.0 MTPA	Authorized Recyclers

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

- Project Proponent shall maintain the green belt near Jollygrant airport developed by forest department.
- Project Proponent shall comply with the EPR authorization, if applicable.
- Project Proponent shall ensure compliance of CER activity through any Govt. Organization.
- Project Proponent shall dispose AHU filter dust and filters to TSDF.
- 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.
- 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.
- In case of further expansion or modification in the plan project proponent shall apply for modification/fresh E.C.
- The Project Authority shall strictly comply with provisions of Doon Valley Notification, 1989 & 2020
- During any type of construction in the existing land area, the topsoil excavated shall be used for backfilling/ landscape development/ green belt development. The same shall not

be disposed off outside the boundaries of project site without approval of Competent Authority.

- The groundwater samples shall be tested from accredited labs and it shall be ensured that test results comply with CPCB standards so as to ensure that there is no threat to groundwater quality by leaching of heavy metals and toxic contaminants.
- All stacking and loading areas should be provided with proper garland drains equipped with baffles to prevent runoff from the site to enter any adjoining water body. Construction spoils including bituminous materials must not be allowed to contaminate watercourse and dumpsites as these may leach into ground water
- No waste water shall be discharged outside the plant boundary and 'Zero Discharge' shall be strictly adhered to permissible standards.
- All the hazardous residue and wastes arising from units shall be either sent to TSDF for land filling or for incineration. Hazardous chemicals shall be stored in tanks in tank farms, drums, carboys etc.
- The gaseous emissions (SO_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.
- The DG set shall use Low Sulphur Diesel type fuel and should have stack height complying with CPCB norms. DG set should be operated only during power failure in emergency situation.
- The ambient air quality and noise levels as per CPCB norms shall be ensured through a monitoring system. Dust Suppression during construction activity shall be ensured. Acoustic enclosures shall be provided with all machineries and DG sets on site complying with Noise Levels as per CPCB standards.
- All necessary efforts shall be made to ensure safety and hygiene of workforce. First Aid facility shall be established and trained manpower to deal with emergency cases shall be engaged. The labour force engaged on site shall be screened for health from time to time
- Adequate drinking water and sanitation facility shall be provided on site for the workforce. Provision shall be made for supply of domestic fuel to the workforce so that they do not remain dependent on adjoining forest areas for fuel wood.
- The Project proponent shall install Solar lights in the adjoining villages in consultation with local Authorities/Forest officials.
- Project Proponent shall install solar lights on the periphery of its premises.
- Regular health checkup of workers by recognized medical practitioners shall be ensured by the Project proponent and shall submit report to SEIAA along with six monthly compliance report.
- The project proponent will submit reports pertaining to ambient air quality, report pertaining to ground water quality and noise. These reports should be monitored and generated by a NABL approved laboratory having scope of it.
- The Project proponent will install advanced dust suppression system at the project site.
- The Project Proponent shall develop multi layered green belt around the periphery of the plant. The green belt thus developed should be on more than 10 percent of the project area. The project proponent will develop additional green belt in the surrounding areas to complete the requirement of 33% green belt of the project area. The project proponent shall plant fast growing species such as bamboo in the premises.
- The Project proponent shall plant fast growing species on both the sides of road connecting from the project premises to main road.
- The project proponent shall submit the NoC from CGWB for utilization of ground water.
- The project proponent shall undertake rain water harvesting activities in the surrounding villages preferably in the schools, primary health centers in consultation with local authorities.
- The Project Proponent shall follow all relevant directions/orders issued by Hon'ble High Court/NGT/ Supreme Court.
- This Environmental Clearance (E.C.) is subject to obtaining clearance under the Wildlife (Protection) Act, 1972 from the competent Authority as may be applicable to this project.
- The project proponent shall also submit six monthly reports on the status of the compliance of the stipulated E.C conditions including results of monitored data to this Authority and Integrated regional office of MoEF&CC, Govt of India at Dehradun.

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

Proposal – 6

Online proposal No.	SIA/UK/INFRA2/426530/2023
Name of the Project	Proposal for existing Hot Mix Plant of 100 TPH under violation at Khata No. 426, Khasra no. 493 in Village - Khushalpur, Tehsil - Vikasnagar, District - Dehradun.
Name & Address of Proponent	M/s Shri Ram Construction by Shri Anmol Chaudhary (Proprietor)
Whether New/Expansion/ Modernization Project	Existing
Total Plot Area	0.3840 Ha.
Project Category	B2, (Orange Category as per Doon Valley Notification 1989 &2020)

The project was submitted vide proposal no SIA/UK/INFRA2/426530/2023 on dated 18th April, 2023by the project proponent. The committee observed that the proponent is seeking Environmental Clearance for existing Hot Mix Plant of 100 TPH under violation. 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 Environmental Management Division of M/s India Glycols Ltd. and project was presented by Shri Chakresh Pathak, EIA Coordinator.**

The committee (barring Dr. Ashutosh Gautam, Member SEAC who recused himself from attending the appraisal of the present proposal) considered the proposal after going through the EIA/EMP reports. The details of the project are given below:-

S.No	Parameters	Description
1.	Products and quantity	Hot Mix Plant 100 TPH
2.	Estimated Project Cost	0.9 Cr.
3.	Total Plot Area	3840 Sq. m.
4.	Proposed Green Area	1267.2 Sq. m
5.	Proposed Green Area	1267.2 Sq. m
6.	Fresh Water Consumption	8.60 KLD
7.	Fresh Water Source	Bore well
8.	Power Demand	125 KVA
9.	Power back up	125 KVA (DG Set)
10.	Wastewater Management	The outlet water from wet scrubber will be Recycled (5.40 KLD) after retaining in Sludge settling pond. Domestic effluent(0.20 KLD) is subjected to septic tank/soak pit.
11.	Steam and heating system	
12.	Fuel Consumption	35 LPH (HSD) 50 Kg/Mt Hot Mix Production(LDO)

Land use details:

S.No	Parameters	Description
1.	Ground Coverage	
2.	Road and Paved area	
3.	Parking area	
4.	Green Area	1267.2 Sq. m
5.	Switchyard [OTS]	
6.	Future Expansion Area	
	Total Plot Area	3840 Sq. m.

Raw material details:

S.No	Major Raw Material	Avg. consumption per Day	Source	Mode of Transport
1.	Aggregates - 20 MM	230 TPD	Open Market	Road
2.	Aggregates - 10 MM	380 TPD	Open Market	Road
3.	Stone Dust	190 TPD	Open Market	Road
4.	Reclaimed Filler	150 TPD	Open Market	Road
5.	Bitumen	50 TPD	Refineries	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		0.3	0.2
2	Flushing water				
3	Canteen Facility				
4	Housekeeping				
5	Gardening	1267.2Sq. m		7.7	
	Total			8.0	0.2

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]	6.0	
5	Rejects from Water Treatment		
	Total	6.0	

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 recycler
2	Used Oil [Category 5.1]	0.1 MTPA	Authorized recycler

The Committee examined the revised proposal and presentation made by the consultant wherein he informed that they have made violation by doing some construction work.

- The Project proponent proposed that they will install 2 Nos of solar light at village Jhiwarhedi, Shimla by pass road, Dehradun.
- Project Proponent shall comply with the EPR authorization, if applicable.
- Project Proponent shall ensure compliance of CER activity through any Govt. Organization.
- 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.
- In case of further expansion or modification in the plan project proponent shall apply for modification/fresh E.C.
- The Project Authority shall strictly comply with provisions of Doon Valley Notification, 1989 & 2020
- During any type of construction in the existing land area, the topsoil excavated shall be used for backfilling/ landscape development/ green belt development. The same shall not be disposed off outside the boundaries of project site without approval of Competent Authority.
- The groundwater samples shall be tested from accredited labs and it shall be ensured that test results comply with CPCB standards so as to ensure that there is no threat to groundwater quality by leaching of heavy metals and toxic contaminants.
- All stacking and loading areas should be provided with proper garland drains equipped with baffles to prevent runoff from the site to enter any adjoining water body. Construction spoils including bituminous materials must not be allowed to contaminate watercourse and dumpsites as these may leach into ground water
- No waste water shall be discharged outside the plant boundary and 'Zero Discharge' shall be strictly adhered to permissible standards.
- All the hazardous residue and wastes arising from units shall be either sent to TSDF for land filling or for incineration. Hazardous chemicals shall be stored in tanks in tank farms, drums, carboys etc.
- The gaseous emissions (SO_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.

- The DG set shall use Low Sulphur Diesel type fuel and should have stack height complying with CPCB norms. DG set should be operated only during power failure in emergency situation.
- The ambient air quality and noise levels as per CPCB norms shall be ensured through a monitoring system. Dust Suppression during construction activity shall be ensured. Acoustic enclosures shall be provided with all machineries and DG sets on site complying with Noise Levels as per CPCB standards.
- All necessary efforts shall be made to ensure safety and hygiene of workforce. First Aid facility shall be established and trained manpower to deal with emergency cases shall be engaged. The labour force engaged on site shall be screened for health from time to time
- Adequate drinking water and sanitation facility shall be provided on site for the workforce. Provision shall be made for supply of domestic fuel to the workforce so that they do not remain dependent on adjoining forest areas for fuel wood.
- The Project proponent shall install Solar lights in the adjoining villages in consultation with local Authorities/Forest officials.
- Project Proponent shall install solar lights on the periphery of its premises.
- Regular health checkup of workers by recognized medical practitioners shall be ensured by the Project proponent and shall submit report to SEIAA along with six monthly compliance report.
- The project proponent will submit reports pertaining to ambient air quality, report pertaining to ground water quality and noise. These reports should be monitored and generated by a NABL approved laboratory having scope of it.
- The Project proponent will install advanced dust suppression system at the project site.
- The Project Proponent shall develop multi layered green belt around the periphery of the plant. The green belt thus developed should be on more than 10 percent of the project area. The project proponent will develop additional green belt in the surrounding areas to complete the requirement of 33% green belt of the project area. The project proponent shall plant fast growing species such as bamboo in the premises.
- The Project proponent shall plant fast growing species on both the sides of road connecting from the project premises to main road.
- The project proponent shall submit the NoC from CGWB for utilization of ground water.
- The project proponent shall undertake rain water harvesting activities in the surrounding villages preferably in the schools, primary health centers in consultation with local authorities.
- The Project Proponent shall follow all relevant directions/orders issued by Hon'ble High Court/NGT/ Supreme Court.
- This Environmental Clearance (E.C.) is subject to obtaining clearance under the Wildlife (Protection) Act, 1972 from the competent Authority as may be applicable to this project.
- The project proponent shall also submit six monthly reports on the status of the compliance of the stipulated E.C conditions including results of monitored data to this Authority and Integrated regional office of MoEF&CC, Govt of India at Dehradun.
- The proponent submitted details of the cost incurred on the project so far to be Rs90,00,000.00 (Ninety Lakh only).
- Since the violation reported by mining department of Uttarakhand State hence, the penalty applicable is 1.0 % of the project cost incurred till date, thus the total amount of the penalty is calculated to be Rs 90,000.00 (Ninety Thousand Only). This non-refundable amount has been deposited by the project proponent vide DD No- 042079 dated- 25.04.2023 of Central Bank of India in the account of State Pollution Control Board.
- The Project Proponent has also submitted the budgetary allocation pertaining to remediation plan and natural and community resource augmentation plan which is as follows-

S.No.	Description	Amount(Rs.)
1	Cost estimate for natural resource augmentation plan	25,000/-
2	Community resource augmentation plan	20,000/-
3	Total cost related to environmental degradation and it's remediation	87,500/-
	Total (Rs.)	**1,32,500/-**

The Project Proponent shall give a bank guarantee equivalent to the above amount with the State Pollution Control Board before the next meeting of SEIAA. This bank guarantee will be refundable to the Project Proponent after submitting evidences

pertaining to implementation of the remediation plan and natural and community resource augmentation plan.

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

Proposal – 7

Online proposal No.	SIA/UK/INFRA/426691/2023
Name of the Project	Proposed establishment of 200 TPH Stone Crusher Plant along with 1000 KVA DG set at Khasra No. 1, 2, 3, 4, 5 & 6 Village – Bentwali Mandi, Pargana-Pachhwadoon, Tehsil - Vikasnagar, District - Dehradun.
Name & Address of Proponent	M/s Ganga Stone Crusher by Shri Anup Singh (Partner)
Whether New/Expansion/ Modernization Project	New
Total Plot Area	1.5400 Ha. out of 3.2540 Ha.
Project Category	B2, (Orange Category as per Doon Valley Notification 1989 & 2020)

The project was submitted vide proposal no SIA/UK/INFRA/426691/2023on dated 19th April, 2023by the project proponent. The committee observed that the proponent is seeking Environmental Clearance for Proposed establishment of 200 TPH Stone Crusher Plant along with 1000 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 200 TPH
2.	Estimated Project Cost	5.63 Cr.
3.	Total Plot Area	32540 Sq. m.
4.	Proposed Green Area	10738.2 Sq. m
5.	Proposed Green Area	10738.2 Sq. m
6.	Fresh Water Consumption	9.5 KLD
7.	Fresh Water Source	Borewell
8.	Power Demand	900KVA
9.	Power back up	1000 KVA
10.	Wastewater Management	Sewage – 0.8 KLD (Disposed through Septic Tank/Soak Pit).
11.	Steam and heating system	
12.	Fuel Consumption	200 LPH (DG set)

Land use details:

S.No	Parameters	Description
1.	Ground Coverage	1512.8 Sq. m
2.	Road and Paved area	27.2 Sq. m
3.	Parking area	
4.	Green Area	10738.2 Sq. m
5.	Switchyard [OTS]	
6.	Future Expansion Area	
	Total Plot Area	32540 Sq. m.

Raw material details:

S.No	Major Raw Material	Avg. consumption per day	Source	Mode of Transport
1.	RBM	1000 TPD	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]	30		1.0	0.8

2	Flushing water				
3	Canteen Facility				
4	Housekeeping				
5	Gardening	10738.2 Sq. m		2.0	
	Total			3.0	0.8

Industrial Water Demand and Effluent Generation:

S.No.	Uses	Water requirement [KLD]	Effluent Generation [KLD]
1	Process -	95.0	89.50
2	Cooling Tower make up		
3	Laboratory		
4	APC devices [Fume scrubber]		
5	Rejects from Water Treatment		
	Total	95.0	89.50

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 recycler
2	Used Oil [Category 5.1]	0.1 MTPA	Authorized recycler

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

- The Project proponent has informed in his presentation that the actual distance of the project site from the bank of perennial river is 823 meters & no other perennial river falls within 500 meters of the said project.
- Govt. of Uttarakhand has issued Office Order in favour of this project vide its letter No-538 dated- 13.04.2023
- Project Proponent shall ensure compliance of CER activity through any Govt. Organization.
- The Project proponent has assured that he will use new and most advanced machineries, which are efficient to minimize air and noise pollution.
- The Project proponent has assured that they will ensure 3 layered plantation on the periphery of the premises.
- The Project proponent shall install Solar lights in the adjoining villages in consultation with local Authorities/Forest officials.
- The unit should properly provide covered processing area for control of fugitive emission.
- The unit should provide ducting and scrubbing system in cover shed to arrest dust as per State Policy, 2021.
- The unit should provide pucca drain for wastewater conveyance to settling tank.
- The unit shall provide proper overflow system in settling tank.
- The unit should provide proper water sprinklers with sufficient pressure as per State Policy, 2021.
- The unit should install interlock system for air pollution control device and process.
- The unit should expedite to construct brick wall of sufficient height. The unit should provide adequate green belt as per State Policy 2021. Till the adequate growth of plants, the unit may provide other alterative arrangement for fugitive emission control.
- The unit should provide complete metaled road as per State Policy, 2021.
- The unit should maintain proper log book of fresh water consumption.
- Project Proponent shall install solar lights on the periphery of its premises.
- Regular health checkup of workers by recognized medical practitioners shall be ensured by the Project proponent and shall submit report to SEIAA along with six monthly compliance report.
- The project proponent will submit fortnightly reports pertaining to ambient air quality, and quarterly 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 reports pertaining to ambient air quality shall be submitted before 10th day of every month and the reports pertaining to ground water quality and noise shall be submitted before 10th day of every fourth month to SEIAA.
- The Project proponent will install advanced dust suppression system at the project site.

- The Project Proponent shall develop multi layered green belt around the periphery of the plant. The green belt thus developed should be on more than 10 percent of the project area. The project proponent will develop additional green belt in the surrounding areas to complete the requirement of 33% green belt of the project area. The project proponent shall plant fast growing species such as bamboo in the premises.
- The Project proponent shall plant fast growing species on both the sides of road connecting from the project premises to main road.
- The project proponent shall submit the NoC from CGWB for utilization of ground water.
- The project proponent shall undertake rainwater harvesting activities in the surrounding villages preferably in the schools, primary health centers in consultation with local authorities.
- Barricading (boundary) of at least 20 feet height around the project site shall be constructed by the project proponent.
- The Proponent shall ensure installation of water sprinklers within the premises to prevent dust hazards.
- 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.
- All the vehicles being used for transportation from the Stone Crusher Plant should have a valid pollution under control certificate.
- The Project proponent shall submit dust emission dispersion modeling to SEIAA on yearly basis from Government recognized institution/NABET approved consultant.
- The project proponent shall ensure maintenance of the approach road.
- The project proponent is allowed to run the plant only during day time. The plant running hour shall not be more than 10 hours in a day.
- The Project Proponent shall obtain CTE/CTO from UKPCB prior to operation of the plant.
- 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 guidelines issued for Stone Crusher Plant by MoEF&CC, CPCB and UKPCB as amended from time to time.
- The Project Proponent shall follow directions/orders issued by Hon'ble High Court/NGT/ Supreme Court with respect to establishment of Stone Crusher Plant or on issues pertaining to pollution by Stone Crusher Plant.
- The project proponent shall also submit six monthly reports on the status of the compliance of the stipulated E.C conditions including results of monitored data to this Authority and Integrated regional office of MoEF&CC, Govt of India at Dehradun.

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

Proposal – 8

Online proposal No.	SIA/UK/INFRA2/427038/2023
Name of the Project	Expansion of Proposed Enhancement in Production Capacity of Manufacture of Flip Flop i.e Slippers, Sandals and Parts thereof in the existing Complex at Khasra No. 3964 and 3965, Lal Tappar Industrial Area, MauzaMajri Grant, Tehsil Rishikesh, District – Dehradun
Name & Address of Proponent	M/s SOLTEC (Unit – II) (A Unit of Mochiko Shoes Pvt. Ltd.)by Shri VineetKaura& Shri Samrendra Kumar Parida(Director)
Whether New/Expansion/ Modernization Project	Expansion
Total Plot Area	3610.55 m^2
Project Category	B2, (Orange Category as per Doon Valley Notification 1989 &2020)

The project was submitted vide proposal no SIA/UK/INFRA2/427038/2023 on dated 25th April, 2023 by the project proponent. The committee observed that the proponent is seeking Environmental Clearance for Expansion of Proposed Enhancement in Production Capacity of Manufacture of Flip Flop i.e Slippers, Sandals and Parts thereof in the existing Complex. 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 Environmental Management Division of M/s India Glycols Ltd. and project was presented by Shri Chakresh Pathak, EIA Coordinator.**

The committee (barring Dr.AshutoshGautam, Member SEAC who recused himself from attending the appraisal of the present proposal) considered the proposal after going through the EIA/EMP reports. The details of the project are given below:-

S.No	Parameters	Description
1.	Products and quantity	Flip Flop Slippers -2.0 Lacs pair/month
2.	Estimated Project Cost	Rs. 1.74 Crores
3.	Total Plot Area	3610.55 Sqm
4.	Proposed Green Area	2155.52Sq. m
5.	Proposed Green Area	2155.52Sq. m
6.	Fresh Water Consumption	23.60 KLD
7.	Fresh Water Source	Bore well
8.	Power Demand	600 KVA
9.	Power back up	500 KVA & 125 KVA (on standby)
10.	Wastewater Management	Existing ETP (Capacity – 15.0 KLD) proposed STP (Capacity - 30.0 KLD)
11.	Steam and heating system	
12.	Fuel Consumption	HSD

Land use details:

S.No	Parameters	Description
1.	Ground Coverage	1094.77 Sq. m
2.	Road and Paved area	
3.	Parking area	
4.	Green Area	2155.52 Sq. m
5.	Switchyard [OTS]	
6.	Future Expansion Area	
	Total Plot Area	3610.55 Sq. m

Raw material details:

S.No	Major Raw Material	Avg. consumption per Annum	Source	Mode of Transport
1.	Rubber Strap	446660 Pair/Annum		Road
2.	Inner Box	593166 Pair/ Annum		Road
3.	Wover Bags	1600000 Pcs./Annum		Road
4.	Outer Box	133333 Pcs./Annum		Road
5.	Adhesive & Chemical	11.2 MT/Annum		Road
6.	Rubber Sole	196000 Pair/ Annum		Road
7.	Packing lable& Tags	1600000 Pcs./Annum		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]			30.0	24.0
2	Flushing water				
3	Canteen Facility				
4	Housekeeping				
5	Gardening			6.0	
	Total			36.0	24.0

Industrial Water Demand and Effluent Generation:

S.No.	Uses	Water requirement [KLD]	Effluent Generation [KLD]
1	Process -	5.0	3.0
2	Cooling Tower make up		
3	Laboratory		
4	APC devices [Fume scrubber]	4.0	3.0

5	Rejects from Water Treatment		
	Total	9.0	6.0

Solid waste details:

S.No.	Waste Detail	Quantity Generation	Utilization/Disposal
1	Empty barrels /liners/containers contaminated with hazardous wastes/ chemicals [Category 33.1]	0.5 MTPA	Authorized Recyclers
2	Used Oil [Category 5.1]	600 Nos./Annum	Authorized Recyclers

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

- Project Proponent shall install 2 water cooler in Nature Park & Nursery such as Lachhiwala.
- Project Proponent shall comply with the EPR authorization, if applicable.
- Project Proponent shall ensure compliance of CER activity through any Govt. Organization.
- Project Proponent shall dispose AHU filter dust and filters to TSDF.
- 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.
- 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.
- In case of further expansion or modification in the plan project proponent shall apply for modification/fresh E.C.
- The Project Authority shall strictly comply with provisions of Doon Valley Notification, 1989 & 2020
- During any type of construction in the existing land area, the topsoil excavated shall be used for backfilling/ landscape development/ green belt development. The same shall not be disposed off outside the boundaries of project site without approval of Competent Authority.
- The groundwater samples shall be tested from accredited labs and it shall be ensured that test results comply with CPCB standards so as to ensure that there is no threat to groundwater quality by leaching of heavy metals and toxic contaminants.
- All stacking and loading areas should be provided with proper garland drains equipped with baffles to prevent runoff from the site to enter any adjoining water body. Construction spoils including bituminous materials must not be allowed to contaminate watercourse and dumpsites as these may leach into ground water
- No waste water shall be discharged outside the plant boundary and 'Zero Discharge' shall be strictly adhered to permissible standards.
- All the hazardous residue and wastes arising from units shall be either sent to TSDF for land filling or for incineration. Hazardous chemicals shall be stored in tanks in tank farms, drums, carboys etc.
- The gaseous emissions (SO_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.
- The DG set shall use Low Sulphur Diesel type fuel and should have stack height complying with CPCB norms. DG set should be operated only during power failure in emergency situation.
- The ambient air quality and noise levels as per CPCB norms shall be ensured through a monitoring system. Dust Suppression during construction activity shall be ensured. Acoustic enclosures shall be provided with all machineries and DG sets on site complying with Noise Levels as per CPCB standards.
- All necessary efforts shall be made to ensure safety and hygiene of workforce. First Aid facility shall be established and trained manpower to deal with emergency cases shall be engaged. The labour force engaged on site shall be screened for health from time to time
- Adequate drinking water and sanitation facility shall be provided on site for the workforce. Provision shall be made for supply of domestic fuel to the workforce so that they do not remain dependent on adjoining forest areas for fuel wood.

- The Project proponent shall install Solar lights in the adjoining villages in consultation with local Authorities/Forest officials.
- Project Proponent shall install solar lights on the periphery of its premises.
- Regular health checkup of workers by recognized medical practitioners shall be ensured by the Project proponent and shall submit report to SEIAA along with six monthly compliance report.
- The project proponent will submit reports pertaining to ambient air quality, report pertaining to ground water quality and noise. These reports should be monitored and generated by a NABL approved laboratory having scope of it.
- The Project proponent will install advanced dust suppression system at the project site.
- The Project Proponent shall develop multi layered green belt around the periphery of the plant. The green belt thus developed should be on more than 10 percent of the project area. The project proponent will develop additional green belt in the surrounding areas to complete the requirement of 33% green belt of the project area. The project proponent shall plant fast growing species such as bamboo in the premises.
- The Project proponent shall plant fast growing species on both the sides of road connecting from the project premises to main road.
- The project proponent shall submit the NoC from CGWB for utilization of ground water.
- The project proponent shall undertake rain water harvesting activities in the surrounding villages preferably in the schools, primary health centers in consultation with local authorities.
- The Project Proponent shall follow all relevant directions/orders issued by Hon'ble High Court/NGT/ Supreme Court.
- This Environmental Clearance (E.C.) is subject to obtaining clearance under the Wildlife (Protection) Act, 1972 from the competent Authority as may be applicable to this project.
- The project proponent shall also submit six monthly reports on the status of the compliance of the stipulated E.C conditions including results of monitored data to this Authority and Integrated regional office of MoEF&CC, Govt of India at Dehradun.

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

Proposal – 9

Online proposal No.	SIA/UK/MIS/284967/2022
Name of the Project	Proposed Construction of Hotel at Hollow Oak Estate, (Dick Road), Company Garden – Hathipaon Road, Mussooire, Dehradun
Name & Address of Proponent	M/s Regency Holidayz Private Limited by Shri PrateekKaranwal (Owner)
Whether New/Expansion Project	New
Total Plot Area	3518.651m^2
Total Covered Area	5028.70 m^2
Project Category	8(a) enlisted in project /activity as per EIA Notification, 2006

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

S.No	Parameters	Description
1.	Plot Area	3518.65 sq m
2.	Proposed Built Up Area	5028.70 sq m
3.	Production capacity	Proposed Guest Rooms with toilets – 75 Nos. Proposed Kitchen – 02 Nos. Proposed Restaurant – 02 Nos. Proposed Club House & Banquet Hall – 01 No. Proposed SPA & Wellness Centre – 01 No. Proposed Gym – 01 No. Proposed Bar – 01 No. Proposed Cottages – 5 Nos.

		Proposed Swimming Pool – 2 Nos.
4.	Total EWS Unit	NA
5.	Max Height of Building (Upto Terrace)	10 meter
6.	Max No of Floors	(G+2 floors)
7.	Cost of Project	2829 lakhs
8.	Staff Manpower	60
9.	Proposed Ground Coverage Area	649.83 Sq m.
10.	Proposed FAR Area	-
11.	Total Water Requirement	48.015 KLD
12.	Fresh water requirement	33.41 KLD
13.	Waste water Generation	38.41 KLD
14.	Proposed STP Capacity	40 KLD
15.	No of RWH of Pits Proposed	06 no's
16.	Total Proposed Parking	41.45 ECS
17.	Proposed Green Area (15.14% of Plot Area)	530Sq m
18.	Municipal Solid Waste Generation	168 kg/day
19.	Total Power Requirement	400 KVA
20.	DG set backup	3 no's(200×1 KVA and 83×2 KVA)

Salient features details:

S.No	Parameters	Description
GENERAL		
1.	Plot Area	3518.65 Sq m
2.	Proposed Built Up Area	5028.70 Sq m
3.	Number of Building Blocks	5BLOCKS(G+2 floors)
4.	Total no of Saleable DU's	Not Applicable
5.	Max Height of Building (Upto Terrace)	10
6.	Max No of Floors	G+2 floors
7.	Cost of Project	2829 lakhs
8.	Expected Population	NA
9.	Permissible Ground Coverage Area (@40%)	1407.46 Sq m
10.	Proposed Ground Coverage Area (18.46)	649.83 Sq m.
11.	Permissible FAR Area (@400)	-
12.	Proposed FAR Area	0.561 & 1.21
13.	Proposed NoN FAR Area	-
14.	Proposed Built Up Area	5028.70 Sq m
WATER		
15.	Total Water Requirement	48.015 KLD
16.	Fresh water requirement	33.41 KLD
17.	Waste water Generation	38.41 KLD
18.	Proposed STP Capacity	40 KLD
19.	Treated Water Available for Reuse	30.728 KLD
20.	Recycled Water	17.705 KLD
21.	Surplus Treated water	13.023 KLD
RAIN WATER HARVESTING		
22.	Rain Water Harvesting Potential	112 KL
23.	No of RWH of Pits Proposed	06 no's
PARKING		
24.	Total Parking Required as per building Bye Laws	41.45 ECS
25.	Total Proposed Parking	41.45 ECS
26.	Proposed Surface Parking	953.58 Sq m
27.	Proposed Stilt/Podium Parking	-
28.	Proposed Basements Parking	953.58 Sq m
GREEN AREAS		
29.	Required Green Area	527Sq m.
30.	Proposed Green Area (15.14% of Plot Area) (360 numbers of tree proposed to planted)	530Sq. m.
WASTE GENERATION		

31.	Municipal Solid Waste Generation	168 kg/day
32.	Bio Degradable waste	100.8 kg/day
33.	Quantity of Sludge Generated from STP	67.2 kg/day
POWER		
34.	Total Power Requirement	400 KVA
35.	DG set backup	3 no's(200×1 KVA and 83×2 KVA)

Land use details:

S.No	Parameters	Description
1.	Ground Coverage Area	649.83 Sq m.
2.	Green Area	530Sq m.
3.	Road/Paved Parking Area	39.88 Sq m.
4.	Other Open Area	-
5.	Total Plot Area	3518.65 Sq m.

In the 3rd meeting of SEIAA dated-21.02.2023 the above proposal was referred back to SEAC with the remark "Whether 35.73 KLD fresh water can be generated by bore well in that area and how this will affect the present supply of fresh water in that area. SEAC should also appraise whether project proponent need to get prior approval of Central Ground Water (CGWA) before E.C".

In today's meeting the project proponent has informed that he will only use water supplied by Jal Sansthan, Mussoorie. In this regard, the project proponent submitted assurance letter from Jal Sansthan, Mussoorie by vide letter no- 339/2022-23 dated- 31.03.2023.

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

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

Proposal – 1

Online proposal No.	SIA/UK/INFRA2/426177/2023
Name of the Project	Proposed Establishment of Common Bio Medical Waste Treatment Facility (CBWTF) at Khasra No- 224, Khata No- 219, Village-Kunja (Bahadarpur), Tehsil- Bhagwanpur, District-Haridwar.
Name & Address of Proponent	M/s ECON Waste Solution by Shri MahadevSemwal& Shri PawanTyagi(Partner)
Whether New/Expansion Project	New
Total Plot Area	0.2049 m^2
Project Category	7(d) & activity 'B1' enlisted in project/activity as per EIA Notification, 2006

The project was submitted vide proposal no SIA/UK/INFRA2/426177/2023on dated 26th April, 2023 by the project proponent. The committee observed that the proponent is seeking Environmental Clearance for Proposed Establishment of Common Bio Medical Waste Treatment Facility (CBWTF). The proponent has submitted detailed project related information in Form 1, PFR &EMP. **Project was prepared by Accredited consultancy firm Environmental Management Division of M/s India Glycols Ltd. and project was presented by Shri Muzaffar Ahmad, EIA Coordinator.**

The committee (barring Dr.AshutoshGautam, Member SEAC who recused himself from attending the appraisal of the present proposal) considered the proposal after going through the EIA/EMP reports.

Hence, committee agreed to recommend **ToR (Annexure-4)** to the proponent for preparation of EIA report. The Project Proponent shall obtain clearance under the Wildlife (Protection) Act, 1972 from the competent Authority as may be applicable to this project. The Project Proponent shall follow all relevant directions/orders issued by Hon'ble High Court/NGT/ Supreme Court.

Proposal – 2

Online proposal No.	SIA/UK/INFRA2/426892/2023
Name of the Project	Affordable Housing Project under violation at Khasra No. 47/1, 49/3, 50, 48/2/9, 49/4 Village-Ukrauli, Block- Sitarganj, Dist-U.S.Nagar.
Name & Address of Proponent	M/s Grip Construction Private Limited by Shri P.K. Arora (Director)
Whether New/Expansion Project	New
Total Plot Area	29290.00 m^2
Total Built up Area	39471.46 m^2
Project Category	"B1"& 8(a) as enlisted in project /activity as per EIA Notification, 2006

The project was submitted vide proposal no SIA/UK/INFRA2/426892/2023on dated 21st April, 2023 by the project proponent. The committee observed that the proponent is seeking Environmental Clearance for Affordable Housing Project under violation. The proponent has submitted detailed project related information in Form 1, Form 1-A, Conceptual Plan & EMP. **Project was prepared by Accredited consultancy firm Environmental Management Division of M/s India Glycols Ltd. and project was presented by Shri Chakresh Pathak, EIA Coordinator.**

The committee (barring Dr. Ashutosh Gautam, Member SEAC who recused himself from attending the appraisal of the present proposal) considered the proposal after going through the EIA/EMP reports.

The Committee after examining the original proposal and after going throughthe presentation done by the consultant wherein he informed that they have made violation by doing some initial construction work.

The SEAC has raised following observations-

- SEAC asked the Project Proponent for submitting actual amount of money incurred so far by the project to estimate the penalty. Since the project proponent has suo-moto reported the violation hence, the penalty applicable is 0.5% of the project cost incurred till date. This non-refundable amount is to be deposited in the account of State Pollution Control Board.
- The Project Proponent isexpected to submit the total budgetary allocation pertaining to remediation plan and natural and community resource augmentation plan. The Project Proponent shall submit a bank guarantee equivalent to the above amount with the State Pollution Control Board. This bank guarantee is refundable to the Project Proponent after submitting evidences pertaining to implementation of the remediation plan and natural and community resource augmentation plan.
- The Project Proponent shall complete the impact assessment studies and submit Environmental Impact Assessment (EIA) report and Environmental Management Plan (EMP) in a time bound manner. Till this happens further operations/construction activities on the site shall be closed.

Hence, committee agreed to recommend **ToR (Annexure-5)** to the proponent for preparation of EIA report. The Project Proponent shall obtain clearance under the Wildlife (Protection) Act, 1972 from the competent Authority as may be applicable to this project. The Project Proponent shall follow all relevant directions/orders issued by Hon'ble High Court/NGT/ Supreme Court.

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

(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. 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
2. The project site should be well demarcated with fence/boundary wall and made a No Entry Zone. The building plan and structural design of composting plant shall comply with requirements of Seismic Zone – V as outlined in National Building Code
3. 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. There shall not be any felling of trees during construction
4. Temporary storage units should be erected in the construction site. Transportation of construction materials and also transportation of waste shall be restricted to non peak hours. The dust pollution shall be suppressed by regular water sprinkling
5. The use of ready mixed concrete/premised concrete, curing agents and other such practices shall be adopted to minimize use of water on site. Light and pre fabricated materials shall be used as far as possible to reduce load on ground/earth
6. The water requirement during construction phase shall be met from regular water supply/open source. The use of groundwater shall be strictly prohibited. Construction work requiring water shall not be carried out during 30th April to 15th June in the year
7. The construction machineries and also machineries used in composting plant/land fill and DG sets shall have acoustic enclosures to reduce noise level as per CPCB norms
8. During construction of service roads/link roads, cut and fill method/technique shall be followed
9. The garbage dump sites shall have proper confinement /protection to negate any chances of run off to adjoining water body during rains
10. The ambient air quality and noise levels as per CPCB norms shall be ensured through a monitoring system as approved by UKPCB
11. The vehicles used at the construction site and also transportation of solid waste shall comply with emission norms and noise level standards of CPCB and State Transport Department. They should be operated only during non peak hours. The transportation of waste shall be carried out in a closed environment and not in open vehicles. The vehicles carrying waste to collection points and processing areas shall be properly labeled for public awareness
12. Energy consumption measures like installation of CFLs/TFLs for the external lighting area should be ensured. The disposal of used CFLs/TFLs should be properly collected and disposed off as per the prevailing guidelines/rules of the regulatory authority to avoid mercury contamination
13. 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
14. 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
15. The fire safety arrangements and emergency exit plan in the composting plant/unit should be as per the norms of the concerned regulatory authority/agency.
16. The entire site after construction activities should carry signages of danger zone, garbage collection points, environment awareness etc.
17. SEIAA/SEAC, Uttarakhand shall be given full cooperation, facilities and documents/data by the project proponents during their inspection regarding implementation of environmental safeguards.
18. The SEIAA reserves the right to add additional safeguard measures subsequently, if found necessary, and to take action including revoking of the environment clearance under the provisions of the Environmental (Protection) Act, 1986, to ensure effective implementation of the suggested safeguard measures in a time bound and satisfactory manner.
19. All other statutory clearances shall be obtained, as applicable by project proponents from the competent authorities.
20. A copy of the clearance letter shall be sent by the proponent to concerned Panchayat, Zilla Parishad/Municipal Corporation, Urban local body and the local NGO, if any from whom suggestions/representations, if any, where received while processing the proposal. The clearance letter shall be put on the website of the Company by the proponent.
21. The project proponent shall advertise in at least two local Newspapers widely circulated in the region, one of which shall be in the vernacular language informing that the project has been accorded environmental clearance. The advertisement shall be made within 7 days from the day of issue of the clearance letter and a copy of the same shall be forwarded to the Regional office of MoEF&CC, Govt of India at Dehradun.

22. The project proponent shall also submit six monthly reports on the status of compliance of the stipulated EC conditions including results of monitored data (both in hard copies as well as by e-mail) to the respective Regional office of MoEF&CC, the respective Office of SEIAA.
23. Environmental clearance is subject to final order of the Hon'ble Supreme Court of India in the matter of Goa Foundation Vs. Union of India in Writ Petition (Civil) No. 460 of 2004 as may be applicable to this project. Any appeal against the Environmental Clearance shall lie with the National Environment Appellate Authority, if preferred within a period of 30 days as prescribed under provision of National Environment Appellate Act, 1997.

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Annexure-3

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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Terms of Reference (ToR)

7(d): STANDARD TERMS OF REFERENCE FOR CONDUCTING ENVIRONMENT IMPACT ASSESSMENT STUDY FOR COMMON HAZARDOUS WASTE TREATMENT, STORAGE AND DISPOSAL FACILITIES (TSDFS) AND INFORMATION TO BE INCLUDED IN EIA/EMP REPORT

1) Reasons for selecting the site with details of alternate sites examined/rejected/selected on merit with comparative statement and reason/basis for selection. The examination should justify site suitability in terms of environmental damages, resources sustainability associated with selected site as compared to rejected sites. The analysis should include parameters considered along with weightage criteria for short-listing selected site.
2) Submit the details of the road/rail connectivity along with the likely impacts and mitigative measures
3) Submit the present land use and permission required for any conversion such as forest, agriculture Etc
4) Examine the details of transportation of Hazardous wastes, and its safety in handling.
5) Examine and submit the details of on line pollutant monitoring.
6) Examine the details of monitoring of Dioxin and Furon.
7) MoU for disposal of ash through the TSDF.
8) MoU for disposal of scrubbing waste water through CETP.
9) Examine and submit details of monitoring of water quality around the landfill site.
10) Examine and submit details of the odour control measures.
11) Examine and submit details of impact on water body and mitigative measures during rainy season.
12) Environmental Management Plan should be accompanied with Environmental Monitoring Plan and environmental cost and benefit assessment. Regular monitoring shall be carried out for odour control.
13) Water quality around the landfill site shall be monitored regularly to examine the impact on the ground water.
14) The storage and handling of hazardous wastes shall be as per the Hazardous Waste Management Rules.
15) Submit details of a comprehensive Disaster Management Plan including emergency evacuation during natural and man-made disaster.
    Examine and submit a brief description of the project, project name, nature, size, its importance to the region/state and the country.
16) 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.
17) 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.
18) Details of litigation pending against the project, if any, with direction /order passed by any Court of Law against the Project should be given.
19) The cost of the Project (capital cost and recurring cost) as well as the cost towards implementation of EMP should be clearly spelt out.
20) 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/Incinerator"

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8(a): TERMS OF REFERENCE FOR CONDUCTING ENVIRONMENT IMPACT ASSESSMENT STUDY FOR BUILDING AND CONSTRUCTION PROJECTS UNDER VIOLATION CATEGORY AND INFORMATION TO BE INCLUDED IN EIA/EMP REPORT

1) Examine details of land use as per Master Plan and land use around 10 km radius of the project site. Analysis should be made based on latest satellite imagery for land use with raw images. Check on flood plain of any river.
2) Submit details of environmentally sensitive places, land acquisition status, rehabilitation of communities/villages and present status of such activities.
3) Examine baseline environmental quality along with projected incremental load due to the project.
4) One month baseline data to be generated on Air, Water, Noise & Soil.
5) Preparation of EMP comprising remediation plan and natural and community resource augmentation plan corresponding to the ecological damage assessed and economic benefits derived due to violation.
6) Environmental data to be considered in relation to the project development would be (a) land, (b) groundwater, (c) surface water, (d) air, (e) bio-diversity, (f) noise and vibrations, (g) socio economic and health.
7) Submit a copy of the contour plan with slopes, drainage pattern of the site and surrounding area. Any obstruction of the same by the project
8) Submit the details of the trees to be felled for the project.
9) Submit the present land use and permission required for any conversion such as forest, agriculture etc.
10) Submit Roles and responsibility of the developer etc for compliance of environmental regulations under the provisions of EP Act.
11) Ground water classification as per the Central Ground Water Authority.
12) Examine the details of Source of water, water requirement, use of treated waste water and prepare a water balance chart.
13) Rain water harvesting proposals should be made with due safeguards for ground water quality. Maximize recycling of water and utilization of rain water. Examine details.
14) Examine soil characteristics and depth of ground water table for rainwater harvesting.
15) Examine details of solid waste generation treatment and its disposal.
16) Examine and submit details of use of solar energy and alternative source of energy to reduce the fossil energy consumption. Energy conservation and energy efficiency.
17) DG sets are likely to be used during construction and operational phase of the project. Emissions from DG sets must be taken into consideration while estimating the impacts on air environment. Examine and submit details.
18) Examine road/rail connectivity to the project site and impact on the traffic due to the proposed project. Present and future traffic and transport facilities for the region should be analysed with measures for preventing traffic congestion and providing faster trouble free system to reach different destinations in the city.
19) A detailed traffic and transportation study should be made for existing and projected passenger and cargo traffic.
20) Examine the details of transport of materials for construction which should include source and availability.
21) Examine separately the details for construction and operation phases both for Environmental Management Plan and Environmental Monitoring Plan with cost and parameters.
22) Submit details of a comprehensive Disaster Management Plan including emergency evacuation during natural and man-made disaster.
23) Details of litigation pending against the project, if any, with direction /order passed by any Court of Law against the Project should be given.
24) The cost of the Project (capital cost and recurring cost) as well as the cost towards implementation of EMP should be clearly spelt out.
25) 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/Townships".

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