

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

Letter No. 27/SEAC
Dated: 15, June, 2023

The First Day of the 9th meeting of the Uttarakhand State Level Expert Appraisal Committee (SEAC) was held on 14th June, 2023 at the SEIAA/SEAC office Dehradun. The following were present at the meeting –

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

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

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

Proposal – 1

Online proposal No.	SIA/UK/IND/83129/2022
Name of the Project	Proposed Printed Aluminum Foil, Plain Aluminum Foils (Silted) at G-52, UPSIDC Industrial Area, Selaqui, Dehradun.
Name & Address of Proponent	M/s Siddhi Foils (Unit-II) by Shri Bhupesh Kumar Mishra (Manager)
Whether New/Expansion/Modernization Project	New
Total Plot Area	444.00m ²
Project Category	B2, (Orange Category as per Doon Valley Notification 1989 & 2020)

The project was submitted vide proposal no SIA/UK/IND/83129/2022 on dated 24th September, 2022 by the project proponent. The committee observed that the proponent is seeking Environmental Clearance for Proposed Printed Aluminum Foil, Plain Aluminum Foils (Silted). The committee observed that this project activity is covered under Orange Category as per the Doon Valley Notification 1989 (as amended). The proponent has submitted detailed project related information in Form 1, Pre Feasibility Report and EMP. **Project was prepared by Accredited consultancy firm Enviro Infra Solutions Pvt. Ltd. and project was presented by Shri Deepak Pandey, Functional Area Expert (FAE).** The details of the project are as follows:-

S.No	Parameters	Description			
		Sno	Products	TOTAL	
1.	Products and quantity	1	Printed Aluminium Foils	600MTA	
		2	Plain Aluminium Foils (Silted)	300MTA	
2.	Estimated Project Cost	158 Lakh			
3.	Total Plot Area	444.00sqm			
4.	Proposed Green Area	67.00 sqm			
5.	Proposed Green Area	67.00 sqm			
6.	Fresh Water Consumption	1KLD			
7.	Fresh Water Source	Uttarakhand Jal Sansthan			
8.	Power Demand	125 KVA			
9.	Power back up	65 KVA x 1no			
10.	Wastewater Management	Use of Water	Water requirement	Waste water generation	Mode of Dispos al



		Domestic	1KLD	0.8KLD	Soak pit and Septic tank
11.	Steam and heating system	Not Required			
12.	Fuel Consumption	HSD5ltr/hr for D.G. Set			

Land use details:

S.No	Parameters	Description
1.	Ground Coverage	196sqm
2.	Road and Paved area	155 sqm
3.	Parking area	26.37 sqm
4.	Green Area	67.00 sqm
5.	Switchyard [OTS]	Nil
6.	Future Expansion Area	N.A.
	Total Plot Area	444.00sqm

Raw material details:

S.No	Major Raw Material	Avg. consumption per month	Source	Mode of Transport
1.	Plain Aluminium Blister, Laminated, AluAlu Foils	10MT	Open	Road
2.	Printing & Ethyl Acetate	400 kg	Open	Road
3.	Corrugation Roll, Corrugation Box, Paper Board Box	500 kg	Open	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]	14	30	0.42	0.336
2	Flushing water	14	15	0.21	---
3	Canteen Facility	---	---	---	---
4	Housekeeping (Recycled Water)	---	---	---	---
5	Gardening (Recycled Water)	67sqm	6.25ltr/sqm	0.37	---

Industrial Water Demand and Effluent Generation:

S.No.	Uses	Water requirement [KLD]	Effluent Generation [KLD]
1	Process - Boiler Chiller	N.A.	N.A.
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	----	----
	Total		

Solid waste details:

S.No.	Waste Detail	Quantity Generation	Utilization/Disposal
1	Used Oil (Category 5.1)	0.05MTA	Authorized TSDF

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 ETP & VOC scrubbing system.
- Project Proponent shall install 1 water cooler & provide atleast 1 computer to the nearest Govt. Primary/Secondary School.
- 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.

Signature

Signature

Signature

- 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.

monoch *Dr* *ghe* *mpf*

- 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 – 2

Online proposal No.	SIA/UK/IND3/83125/2022
Name of the Project	Expansion in the existing manufacturing of pharmaceutical products incorporation of new products & enhancement of DG Set & Boiler at Plot No- 25-26, Pharma City, Selaqui, Dehradun.
Name & Address of Proponent	M/s Uni Medico Labs Unit-II (Formerly known as M/s Kalindi Medicure Pvt. Ltd.) by Shri Dheeraj Sharma (CEO)
Whether New/Expansion/Modernization Project	Expansion
Total Plot Area	8200.00 m ²
Project Category	B2, (Orange Category as per Doon Valley Notification 1989 & 2020)

The project was submitted vide proposal no SIA/UK/IND3/83125/2022 on dated 22nd September, 2022 by the project proponent. The committee observed that the proponent is seeking Environmental Clearance for Expansion in the existing manufacturing of pharmaceutical products incorporation of new products & enhancement of DG Set & Boiler. The committee observed that this project activity is covered under Orange Category as per the Doon Valley Notification 1989 (as amended). The proponent has submitted detailed project related information in Form 1, Pre Feasibility Report and EMP.

The project proponent informed SEAC that the above proposal has been uploaded twice on PARIVESH Portal. Thus the project proponent requested to withdraw the present application. A request for the same has been submitted by the project proponent vide his letter dated- 09.06.2023. Based on the request of the project proponent the committee decided to allow the withdrawal of the proposal.

Proposal – 3

Online proposal No.	SIA/UK/IND3/83126/2022
Name of the Project	Proposed Assaying & Hallmarking Centre at Plot No- 56, Dhamawala Bazar, Dehradun.
Name & Address of Proponent	M/s B.G. Assaying & Hallmarking Centre by Shri Sambhaji Shivaji Suryavanshi (Partner)
Whether New/Expansion/Modernization Project	New
Total Plot Area	256.05 m ²
Project Category	B2, (Orange Category as per Doon Valley Notification 1989 & 2020)

The project was submitted vide proposal no SIA/UK/IND3/83126/2022 on dated 23rd September, 2022 by the project proponent. The committee observed that the proponent is seeking Environmental Clearance for Proposed Assaying & Hallmarking Centre. The committee observed that this project activity is covered under Orange Category as per the Doon Valley Notification 1989 (as amended). The proponent has submitted detailed project related information in Form 1, Pre Feasibility Report and EMP. **Project was prepared by Accredited consultancy firm Enviro Infra Solutions Pvt. Ltd. and project was presented by Shri Deepak Pandey, Functional Area Expert (FAE).** The details of the project are as follows:-

S.No	Parameters	Description		
		Sno	Products	TOTAL
1.	Products and quantity	1	Hallmarking	35 kg/month
		2	Assaying	0.035 kg/month
2.	Estimated Project Cost	50 Lakh		

[Handwritten signatures and initials are present below the table]

	Total		
--	-------	--	--

Solid waste details:

S.No.	Waste Detail	Quantity Generation	Utilization/Disposal
1	Used Oil	5ltr/Annum	Authorized TSDF
2	Spent cupels bearing lead	10ltr/Annum	Authorized TSDF
3	Spent acid	5 ltr/Annum	Authorized TSDF
4	Scrubbed water	100 ltr/Annum	Authorized TSDF

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 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.

[Handwritten signatures and initials]

- 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 – 4

Online proposal No.	SIA/UK/INFRA2/413051/2023
Name of the Project	Proposed establishment of 200 TPH Stone Crusher Plant along with 500 KVA DG set at Khasra No. 258Mi, 233, 231Ka, 237Cha, 260Ka, 258Mi, 264, 232, 263 & 229Mi, Village-Abdullapur Kenchiwala, Sahaspur, Tehsil-Vikasnagar, District-Dehradun.
Name & Address of Proponent	M/s Dev Bhoomi Stone Crusher by Shri Ramesh Kumar (Partner)
Whether New/Expansion/Modernization Project	New
Total Plot Area	1.8860 Ha.
Project Category	B2, (Orange Category as per Doon Valley Notification 1989 & 2020)

The project was submitted vide proposal no SIA/UK/INFRA2/413051/2023 on dated 3rd January, 2023 by the project proponent. The committee observed that the proponent is seeking Environmental Clearance for Proposed establishment of 200 TPH Stone Crusher Plant along with 500 KVA DG set. The committee observed that this project activity is covered under Orange Category as per the Doon Valley Notification 1989 (as amended). The proponent has submitted detailed project related information in Form 1, Pre Feasibility Report and EMP. **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	200 TPH (Stone Crusher Plant)
2.	Estimated Project Cost	90.0 Lacs
3.	Total Plot Area	18,860 Sq. m
4.	Existing Green Area	
5.	Proposed Green Area	6224.00 Sq. m
6.	Fresh Water Consumption	7.74 KLD
7.	Fresh Water Source	Borewell
8.	Power Demand	400KVA
9.	Power back up	DG Set 500 KVA (01 No.)
10.	Wastewater Management	Sewage: 0.20 KLD (Septic tank/soakPit).
11.	Steam and heating system	Nil
12.	Fuel Consumption	HSD

Muzaffar Ahmad

R

Shri Muzaffar Ahmad

[Signature]

Land use details:

S.No	Parameters	Description
1.	Ground Coverage	
2.	Road and Paved area	
3.	Parking area	
4.	Green Area	6224.00 Sq. m
5.	Switchyard [OTS]	
6.	Future Expansion Area	
	Total Plot Area	18,860 Sq. m

Raw material details:

S.No	Major Raw Material	Avg. consumption per Day	Source	Mode of Transport
1.	RBM	2000 MTPD		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]	8		0.16	0.12
2	Flushing water	8		0.08	0.08
3	Canteen Facility				
4	Housekeeping				
5	Gardening	6224.00 Sq. m		2.00	0.00
6	Dust Suppression				
7	Washing				
	Total			2.24	0.20

Industrial Water Demand and Effluent Generation:

S.No.	Uses	Water requirement [KLD]	Effluent Generation [KLD]
1	Process	90.0	
2	Cooling Tower make up		
3	Laboratory		
4	APC devices [Fume scrubber]		
5	Rejects from Water Treatment		
	Total	90.0	

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 Recyclers
2	Used Oil [Category 5.1]	0.1 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-

- The Project proponent has informed in his presentation that the actual distance of the project site from the bank of non-perennial river is 115 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- 63 dated- 07.01.2022 which is valid for 10 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 with the extended/renewed G.O.
- 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 alternative 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 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 – 5

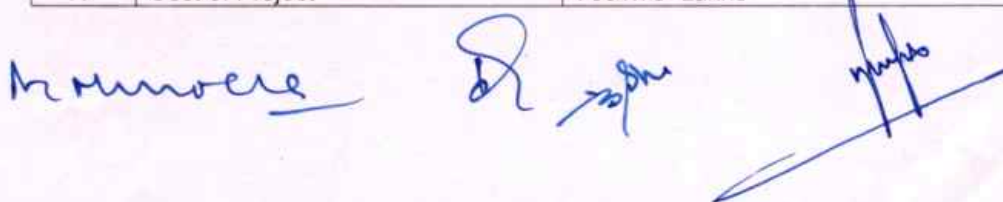
Online proposal No.	SIA/UK/INFRA2/415740/2023
Name of the Project	Proposal for Proposed Construction of 5 Stars Deluxe Hotel at Khasra No. 513, 605, PTC Road, Narendra Nagar, District - TehriGarhwal.
Name & Address of Proponent	M/s Gupta Jee Tent Services Pvt. Ltd. by Shri Amit Kumar Gupta (Director)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

The project was submitted vide proposal no SIA/UK/INFRA2/415740/2023 on dated 25th January, 2023 by the project proponent. The committee observed that the proponent is seeking Environmental Clearance for Proposed Construction of 5 Stars Deluxe Hotel. The proponent has submitted detailed project related information in Form 1, Form 1-A, Conceptual Plan. The details of the project are given below:-

S.No	Parameters	Description
1.	Plot Area	17,158.66 Sq. m
2.	Proposed Built Up Area	28,251.81 Sq. m
3.	Production Capacity	Proposed Guest Rooms with toilets – 109 Nos. Villas – 8 Nos. Proposed Restaurant – 02 Nos. Proposed Banquet Hall & Lawns – 01 Nos. Proposed Gym – 01 Nos. Proposed Indoor Game – 01 Nos. Proposed Kitchen – 01 Nos. Proposed Bar – 01 Nos. Proposed Spa – 01 Nos. Proposed swimming pool – 01 Nos. (40 sq m)
4.	Total EWS Unit	-
5.	Max Height of Building (Upto Terrace)	18 meter
6.	Max No of Floors	(G+5 floors)
7.	Cost of Project	7051.75 Lakhs
8.	Total Manpower	50
9.	Proposed Ground Coverage Area	6531.20 sq m.
10.	Proposed FAR Area	-
11.	Total Water Requirement	100.95 KLD
12.	Fresh water requirement	76.45 KLD
13.	Waste water Generation	77.56 KLD
14.	Proposed STP Capacity	80 KLD
15.	No of RWH of Pits Proposed	6 no's
16.	Total Proposed Parking	214.72 ECS
17.	Proposed Green Area (15.14% of Plot Area)	2489.81 sq m
18.	Municipal Solid Waste Generation	249.5 kg/day
19.	Total Power Requirement	850 KVA
20.	DG set backup	1 no's (1 x 410 KVA)

Salient features details:

S.No.	Parameters	Description
GENERAL		
1.	Plot Area	17,158.66 Sq. m
2.	Proposed Built Up Area	28251.81 Sq. m
3.	Number of Building Blocks	9 BLOCKS
4.	Total no of Saleable DU's	-
5.	Max Height of Building (Upto Terrace)	18 meter
6.	Max No of Floors	G+5 floors
7.	Cost of Project	7051.75 Lakhs



8.	Total Manpower	50
9.	Permissible Ground Coverage Area (@40%)	-
10.	Proposed Ground Coverage Area	6531.20 sq m.
11.	Permissible FAR Area (@400)	0.94
12.	Proposed FAR Area	0.94
13.	Proposed NoN FAR Area	-
14.	Proposed Built Up Area	28251.81 sq m
WATER		
15.	Total Water Requirement	100.95 KLD
16.	Fresh water requirement	76.45 KLD
17.	Waste water Generation	77.56 KLD
18.	Proposed STP Capacity	80 KLD
19.	Treated Water Available for Reuse	62.048 KLD
20.	Recycled Water used	24.50 KLD
21.	Surplus Treated water	37.548 KLD
RAIN WATER HARVESTING		
22.	Rain Water Harvesting Potential	100 cum
23.	No. of RWH of Pits Proposed	06 no's
PARKING		
24.	Total Parking Required as per building Bye Laws	-
25.	Total Proposed Parking	214.72 ECS
26.	Proposed Surface Parking	1042.37 sq m
27.	Proposed Stilt/Podium Parking	1327.61 sq m
28.	Proposed Basements Parking	-
GREEN AREAS		
29.	Required Green Area	2573 sq m.
30.	Proposed Green Area	2489.81 sq. m
WASTE GENERATION		
31.	Municipal Solid Waste Generation	249.5 kg/day
32.	Bio Degradable waste	149.7 kg/day
33.	Quantity of Sludge Generated from STP	10 kg/day
POWER		
34.	Total Power Requirement	850 KW
35.	DG set backup	1 x 410 KVA


Land use details:

S.No	Parameters	Description
1.	Ground Coverage Area	6531.20 sq m.
2.	Green Area	2489.81 sq. m.
3.	Road/Paved Parking Area	3743.37 sq m.
4.	Other Open Area	10627.46 sq m.
5.	Total Plot Area	17,158.66 sq m.

In the 6th meeting of SEIAA dated- 11.04.2023 the above proposal was referred back to SEAC with the remark "The information provided by P.P in online Form-1 submitted offline and affidavit by consultant found to be inconsistent and it may be a case of violation, hence the proposal is again referred back SEAC to examine it comprehensively and send their recommendation".

In today's meeting the project proponent has submitted that he has already submitted the revised proposal. The project proponent has also submitted the muck disposal plan of existing structure moreover the project proponent has also submitted the solid waste disposal action plan. A subcommittee of the SEAC has also visited the site on 23.03.2023. According to the valuation report submitted by the project proponent there are 7 completed villas and 5 under construction villas. The current owner has purchased the land along with these constructions and has paid the desired stamp duty as per extant rules. Thus, the committee is of the view that this cannot be considered as a case of violation.

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



Proposal – 6

Online proposal No.	SIA/UK/INFRA2/429564/2023
Name of the Project	Proposed Construction of Hotel along with laundry facility at Khasra no. 887/1/1, Mauza Central Hope Town, Tehsil- Vikasnagar, District - Dehradun.
Name & Address of Proponent	M/s Orions Hospitality by Smt. Rashmi Garg (Proprietor)
Whether New/Expansion Project	New
Total Plot Area	13014.59 m ²
Total Build up Area	12743.96 m ²
Project Category	8(a) enlisted in project /activity as per EIA Notification, 2006

The project was submitted vide proposal no SIA/UK/INFRA2/429564/2023 on dated 20th May, 2023 by the project proponent. The committee observed that the proponent is seeking Environmental Clearance for Proposed Construction of Hotel along with laundry facility. The proponent has submitted detailed project related information in Form 1, Form 1-A, Conceptual Plan. **Project was prepared by Accredited consultancy firm Enviro Infra Solutions Pvt. Ltd. and project was presented by Shri Deepak Pandey, Functional Area Expert (FAE).** The details of the project are as follows:-

S.No	Parameters	Description
1.	Total Plot Area	13014.59sqm
2.	Net Plot Area	12267.42 sqm
3.	Proposed Built Up Area	14243.66 sqm
4.	Total no of Rooms	97 nos
5.	Banquet Hall	01 no
6.	Restaurant	02 nos
7.	Kitchen	01 no
8.	Swimming Pool	01 no
9.	Total EWS Unit	Not Applicable
10.	Max Height of Building (Upto Terrace)	27mtr
11.	Max No of Floors	08 nos
12.	Cost of Project	22 Crore
13.	Manpower	75 nos
14.	Proposed Ground Coverage Area	3749sqm
15.	Proposed FAR Area	1.04
16.	Total Water Requirement	62KLD
17.	Fresh water requirement	50KLD
18.	Waste water Generation	44 KLD
19.	Proposed STP Capacity	40 KLD
20.	Proposed ETPCapcity	10 KLD
21.	No of RWH of Pits Proposed	05 nos.
22.	Total Proposed Parking	172.26E.C.S.
23.	Proposed Green Area	3240sqm
24.	Municipal Solid Waste Generation	50kg/day
25.	Total Power Requirement	1000KVA
26.	DG set backup	500 KVA x 1no&1000KVA x 1no

Salient features details:

S.No	Parameters	Description
GENERAL		
1.	Plot Area	13014.59sqm
2.	Net Plot Area	12267.42 sqm
3.	Proposed Built Up Area	14243.66sqm
4.	Number of Building Blocks	01nos
5.	Total no of Rooms	97 nos
6.	Max Height of Building (Upto Terrace)	27mtr
7.	Max No of Floors	08 nos
8.	Cost of Project	22 Crores
9.	Manpower	75 nos
10.	Permissible Ground Coverage Area (@40%)	4907sqm

[Handwritten signatures and initials in blue ink]

11.	Proposed Ground Coverage Area	3749 sqm
12.	Permissible FAR Area	2.20
13.	Proposed FAR Area	1.04
14.	Proposed NoN FAR Area	1499.70 sqm
15.	Proposed Built Up Area	14243.66
WATER		
16.	Total Water Requirement	62 KLD
17.	Fresh water requirement	50 KLD
18.	Waste water Generation	44 KLD
19.	Proposed STP Capacity	40 KLD
20.	Proposed ETP capacity	10KLD for Laundry
21.	Treated Water Available for Reuse	673 KLD
22.	Recycled Water	40 KLD
23.	Surplus Treated water	0
RAIN WATER HARVESTING		
24.	Rain Water Harvesting Potential	40.00 Cum
25.	No of RWH of Pits Proposed	05 nos
PARKING		
26.	Total Proposed Parking	165.03 E.C.S..
27.	Proposed Surface Parking	172.26 E.C.S
28.	Proposed Stilt/Podium Parking	N.A.
29.	Proposed Basements Parking	N.A.
GREEN AREAS		
30.	Required Green Area	3240 sqm
31.	Proposed Green Area (25% of Plot Area)	3240 sqm
WASTE GENERATION		
32.	Municipal Solid Waste Generation	50kg /day
33.	Bio Degradable waste Generation	50kg /day
34.	Quantity of Sludge Generated from ETP	8.5kg/month
35.	Quantity of Sludge Generated from STP	40kg/month
HAZARDOUS WASTE		
36.	Used Oil (Schedule 1 – 5.1)	0.50 MTA
37.	Dried Sludge from ETP (Schedule 1 – 35.3)	0.10 MTA
POWER		
38.	Total Power Requirement	1000KVA
39.	DG set backup	500 KVA x 1no& 1000KVA x 1no

Land use details:

S.No	Parameters	Description
40.	Ground Coverage Area	3749 sqm
41.	Green Area	3240 sqm
42.	Road/Paved Parking Area	5278.42sqm
43.	Other Open Area	8518.42 sqm
44.	Total Plot Area	13014.59sqm

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

- The Project proponent has submitted approval of hotel buildings from MDDA vide file no- C/0003/23-24 dated-01.04.2023. In case of any further change in the proposed layout plan of the Hotel drawing the Project Proponent shall inform the SEIAA and shall seek modified Environmental Clearance.
- Project Proponent shall comply green building norms.
- Project Proponent shall construct underground fire water storage tank having a capacity of 1.0 Lakh Liter.
- The project proponent shall construct rainwater harvesting pits in such a manner to prevent the ingress of contaminated water from ETP & STP into rainwater harvesting pit.
- The Project Proponent shall obtain clearance under the Wildlife (Protection) Act, 1972 from the competent Authority as may be applicable to this project.
- Construction site shall be adequately barricaded before the construction begins dust smoke and other air pollution measures shall be provided for the building as well as the site, these measures shall include screens for the building under construction continuous dust/wind breaking walls around the site (at least 3 meters high).

Manoj

De

[Signature]

- Consent to Establish shall be obtained from Uttarakhand Pollution Control Board under relevant provisions of Central Air Act and Central Water Act before starting up of any construction activity at the site
- The structural design and other aspects of the building shall comply with guidelines of National Building Code. This shall be ensured by concerned Department of State Government/Accredited Agencies
- The building plan and structural design shall comply with requirements of Seismic Zone – IV as outlined in National Building Code.
- Notification GSR 94(E) dated 25-10-2018 of MOEF&CC regarding mandatory implementation of Dust Mitigation Measures for construction and Demolition activity for projects requiring Environmental Clearance shall be complied with.
- The disposal of muck should adhere to standards of general safety and health concerns of local people and also it should have no adverse effect on the neighbouring community.
- DG Set shall be used only as backup power. The capacity of the proposed DG set shall not exceed 1 DG set of 1000 KVA & 1 DG set of 500 KVA and it should have stack height complying with CPCB norms.
- Fixtures of showers, toilet flushing and drinking should be of low flow either by use of aerators or pressure reducing devices/sensor based control. Dual plumbing system shall be installed separately for fresh water and waste water.
- The use of glass may be reduced by upto 40 percent to reduce the electricity consumption and load on air conditioning. If necessary then use of high quality double glass may be encouraged with special reflective coating in windows.
- The use of LED and such other power saving devices shall be maximized. Common areas and landscape areas shall be illuminated with solar lighting system. At least 40 percent of the total power requirement after completion of construction unit shall be met from solar energy.
- Rainwater harvesting for roof top and surface run off should be ensured as per the plan submitted. Before recharging the surface run off, pre treatment must be done to remove suspended matter, oil and other particles. The bore well for rain water recharging should be kept at 5 meters above the highest ground water table.
- One third of the total project site area shall be converted into green belt. The green belt shall not include kitchen garden, flower pots and grasses/herbs in the area. It shall comprise of tree stand of aesthetic/fruit/timber value. Quality planting material has to be used during plantation as per standards of State Forest Department.
- Acoustic enclosures shall be provided with all construction machineries and DG sets on site complying with Noise Levels of CPCB standards. The ambient air quality and noise levels as per CPCB norms shall be ensured through a monitoring system as approved by UKPCB.
- The construction debris may be used for land fill or disposed through authorized vendors. The Hazardous substances generated during construction activity shall be disposed off as required by Hazardous Waste (Management, Handling) Rules, 1989 (as amended from time to time). Efforts shall be maximized for use of low toxicity substitutes and low VOC materials.
- The vehicles used at the construction site should comply with emission norms and noise level standards of CPCB and State Transport Department. They should be operated only during non peak hours.
- All necessary efforts shall be made to ensure safety and hygiene of workforce. First Aid facility shall be established and trained manpower to deal with emergency cases shall be engaged. The labour force engaged on site shall be screened for health from time to time.
- Adequate drinking water and sanitation facility has to be provided on site for the workforce. Provision should be made for supply of domestic fuel to the workforce so that they do not remain dependent on adjoining forest areas for fuel wood.
- The fire safety arrangements and emergency exit plan should be as per the norms of the concerned regulatory authority/agency.
- The entire site after construction activities should carry signages of garbage collection points, environment awareness etc.
- The proponent shall ensure safety measures against river meandering. It shall also undertake river meandering study in the locality and then construct suitable protective structures for river training
- Any wastes from construction and demolition activities related thereto shall be managed so as to strictly conform to the Construction and Demolition Rules, 2016.
- All workers working at the construction site and involved in loading, unloading carriage of construction material and construction debris or working in any area with dust pollution shall be provided with dust mask.

[Handwritten signatures and initials]

- Emergency preparedness plan based on the Hazard identification and Risk Assessment (HIRA) and Disaster Management Plan shall be implemented.
- A first aid room shall be provided in the project both during construction and operations of the project.
- The quantity of fresh water usage, water recycling and rainwater harvesting shall be measured and recorded to monitor the water balance as projected by the project proponent the record shall be submitted to the Regional office, MoEF&CC, 25 Subhash Road, Dehradun and SEIAA Uttarakhand along with six monthly monitoring reports.
- On site treatment of capacity of treating 100% waste water to be installed. The installation of the Sewage Treatment Plant (STP) shall be certified by an independent expert a report in this regard shall.
- A STP of capacity 40 KLD shall be installed for treating waste water upto tertiary level. Sewage Treatment Plant shall be complying with parameters of CPCB/UKPCB guidelines. Treated water should be used for flushing, green belt development, road washing, DG cooling and other miscellaneous purposes.
- The excess treated waste water may be transported through tankers to adjoining construction sites or industrial areas as the demand arises.
- The installation of sewage treatment plant should be certified by an independent expert and a report in this regard should be submitted to the UKPCB. Necessary measures should be made to mitigate the odour problem from STP.
- Guidelines of Municipal Solid Waste (Management & Handling) Rules, 2000 (as amended from time to time) should be followed for disposal of solid waste. Two bin collection system for bio degradable and non-bio degradable waste should be adopted. Bio degradable waste shall be sent to composting pit and non biodegradable/inert waste disposed off through authorized recyclers. STP sludge shall be dried and used as organic manure.
- DG sets shall be used only in emergency purpose. The use of solar energy and inverter shall be ensured and maximized as backup power.
- Adequate parking space shall be develop for staff and guests.
- Proper restroom and toilets shall be provided for service workers, drivers & accompanying staff, if any
- All directions of Fire Department shall be complied.
- Provisions shall be made for the integration of Solar Power System.
- The project proponent shall submit halfyearly compliance report of stipulated conditions of Environment Clearance in soft copy through PARIVESH PORTAL given link: <https://parivesh.nic.in>. Yearly monitoring of ground water table and quality should be carried out and should be submitted to SEIAA and UKPCB, Uttarakhand.
- No further expansion or modifications in the plant shall be carried out without prior approval of the Ministry of Environment, Forests and Climate Change (MoEF&CC)
- The above conditions shall be enforced, inter-alia under the provisions of the Water (Prevention & Control of Pollution) Act, 1974, the air (Prevention & Control of Pollution) Act, 1981, the Environment (Protection) Act 1986, Hazardous and other Wastes (Management and Tranboundary Movement) Rules, 2016 and the Public Liability Insurance Act, 1991 along with their amendments and Rules and any other orders passed by the Hon'ble Supreme Court of India/High Courts and any other Court of Law relating to the subject matter.
- Project Proponent will operate on the principle of zero liquid discharge.
- Project Proponent will submit water balance chart especially in relation to maintaining zero liquid discharge.
- The Project Proponent shall follow all relevant directions/orders issued by Hon'ble High Court/NGT/ Supreme Court.
- Under CER, Project Proponent apart from other activities, will also install Solar lights and distribute forest fire fighting equipments to the local groups (Mahilamangal dal/ Yuvakmangal dal/ Vanpanchayat) in the adjoining villages close to forest areas in consultation with local Forest Officials. The project proponent will also strengthen the nearest government primary school in terms of infrastructure and other desired facilities.

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

Proposal – 7

Online proposal No.	SIA/UK/INFRA2/430456/2023
Name of the Project	Proposed expansion of existing Pharmaceutical Formulation Unit at Khasra No- 1034 to 1036, 1041 to 1043 & 1050, Camp Road, Selaqui, Tehsil-Vikasnagar, District- Dehradun.

Name & Address of Proponent	M/s Intas Pharmaceutical Limited by Shri Rahul Vatish (Dy. General Manager)
Whether New/Expansion/Modernization Project	Expansion
Total Plot Area	5.26 Ha. (52620.00m ²)
Project Category	B2, (Orange Category as per Doon Valley Notification 1989 & 2020)

The project was submitted vide proposal no SIA/UK/INFRA2/430456/2023 on dated 27th May, 2023 by the project proponent. The committee observed that the proponent is seeking Environmental Clearance for Proposed expansion of existing Pharmaceutical Formulation Unit. 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 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	Production Capacity (Nos. per Annum)
		Sr. No.
		Products
		Existing
		Proposed
		Total
		1. Tablets 500.0 Crore -- 500.0 Crore
		2. Capsules 45.0 Crore -- 45.0 Crore
2.	Estimated Project Cost	3. Soft Gelatin Capsules 12.4 Crore 11.60 Crore 24.0 Crore
		4. Ointment/Gel 3.5 Lacs/3500 kg -- 3.5 Lacs/3500 kg
		5. Liquid Dose 70.0 Lacs/15000 Litre -- 70.0 Lacs/15000 Litre
		6. Pessaries 30.0 Lacs -- 30.0 Lacs
		7. Parenterals 45.0 Lacs 45.0 Lacs 90.0 Lacs
3.	Total Plot Area	52,620 Sq. m
4.	Existing Green Area	
5.	Proposed Green Area	17,520 Sq. m
6.	Fresh Water Consumption	Existing – 108 KLD Proposed – 47 KLD Total – 155 KLD
7.	Fresh Water Source	Bore wells
8.	Power Demand	Existing – 2000 KVA Proposed – 600 KVA Total – 2600 KVA
9.	Power back up	Existing – 250 KVA (01 No.), 500 KVA (01 No.) & 750 KVA (01 No.) Proposed – 1010 KVA (02 Nos.) (Existing 750 KVA to be replaced with 1010 KVA) Total - 250 KVA (01 No.), 500 KVA (01 No.) & 1010 KVA (02 No.)
10.	Wastewater Management	Effluent from Ind. Activities: 50.0 KLD subjected to Augmented ETP (Capacity – 60.0 KLD) for treatment. Treated water will be recycled in cooling towers. Domestic Sewage: 22.0 KLD subjected to Existing STP (Capacity – 25.0 KLD) for treatment. Treated water will be recycled in Green belt.
11.	Steam and heating system	Existing: 5.0 TPH (01 No. Biomass Briquette) Proposed: 3.0 TPH (01 No. HSD Fired) Total: 5.0 TPH (01 No. Biomass Briquette) & 3.0 TPH (01 No. HSD Fired).

Muzaffar Ahmad

Rahul Vatish

[Signature]

12.	Fuel Consumption	Existing Steam Boiler (5 TPH) - 0.4 MT/hr. (Biomass Briquette) Proposed Steam Boiler (3 TPH) – 400 Lit./Hr. (HSD) Existing DG Set (250 KVA, 500 KVA & 750 KVA) – 170 Lit/Hr. (HSD) Proposed DG Sets (1010 KVA x 2 Nos.) – 200 Lit./Hr. (HSD)
13.	Cooling Tower	Existing – 225 TR, 125 TR & 80 TR (03 Nos.) Proposed – 500 TR (01 No.) Total – 225 TR, 125 TR, 80 TR & 500 TR (04 Nos.)

Land use details:

S.No	Parameters	Description
1.	Ground Coverage	10500
2.	Road and Paved area	2600
3.	Green Area	17520
4.	Common Plot area	22000
5.	Total Plot Area	52620

Raw material details:

Sr. No.	MATERIAL DESCRIPTION	UOM	ANNUAL CONSUMPTION		
			EXISTING	PROPOSED	TOTAL
1.	ACECLOFENAC IP & BP	KG	786.000	--	786.000
2.	ACECLOFENAC PH.EUR	KG	720.000	--	720.000
3.	AMLODIPINE BESILATE BP, IP & USP	KG	8.549	--	8.549
4.	ATENOLOL IP/BP	KG	170.000	--	170.000
5.	ATORVASTATIN CALCIUM	KG	424.752	--	424.752
6.	CARVEDILOL IP & BP	KG	22.500	--	22.500
7.	CIPROFLOXACIN HCL IP&USP	KG	3024.750	--	3024.750
8.	ENALAPRIL MALEATE IP/USP	KG	85.171	--	85.171
9.	FLUOXETINE HYDROCHLORIDE USP, IP & INH	KG	44.720	--	44.720
10.	HYDROCHLOROTHIAZIDE IP/USP	KG	70.076	--	70.076
11.	HYDROCHLOROTHIAZIDE PH.EUR. (IPCA)	KG	30.500	--	30.500
12.	LANSOPRAZOLE GRANULES 20.00% W/W	KG	389.850	--	389.850
13.	METOPROLOL SUCCINATE USP	KG	71.250	--	71.250
14.	MONTELUKAST SODIUM PHEUR(NEWROS-MNS)(EU)	KG	121.016	--	121.016
15.	NIFEDIPINE IP/USP	KG	66.000	--	66.000
16.	NIFEDIPINE IP&USP	KG	714.000	--	714.000
17.	OLANZAPINE	KG	21.050	--	21.050
18.	OXYBUTYNIN HYDROCHLORIDE PH.EUR.(HARMAN)	KG	48.000	--	48.000
19.	PARACETAMOL IP/BP	KG	332.500	--	332.500
20.	PREGABALIN (ROW)-MAPS LAB.	KG	142.500	--	142.500
21.	PIOGLITAZONE HCl PH.EUR (MSN)	KG	210.795	--	210.795
22.	RISPERIDONE BP, Ph. Eur & USP	KG	6.200	--	6.200
23.	ROSUVASTATIN CALCIUM(ROW)	KG	9.378	--	9.378
24.	SODIUM VALPROATE IP&BP	KG	1900.228	--	1900.228
25.	SPIRONOLACTONE PH.EUR. (ZHE-FOR INTAS)	KG	630.000	--	630.000
26.	SUMATRIPTAN SUCCINATE (PH. EUR)	KG	105.000	--	105.000
27.	TELMISARTAN USP	KG	36.000	--	36.000
28.	TELMISARTAN PH. EUR., IP & INH (GLENMARK)	KG	108.000	--	108.000
29.	TORSEMIDE USP(ROW)	KG	1.500	--	1.500
30.	VENLAFAXINE HYDROCHLORIDE BP	KG	32.500	--	32.500
31.	LEVOTHYROXINE SODIUM	KG	66.000	--	66.000
32.	HYDROXY PROGESTERONE	KG	25.000	--	25.000
33.	MEDROXY PROGESTERONE	KG	200.000	200.00	400.000
34.	PROGESTERONE	KG	14000.000	14000.00	28000.000
35.	TESTOSTERONE	KG	3200.000	--	3200.000
36.	MCC (Ceolus UF-711)	KG	24560.000	--	24560.000
37.	MICROCRYSTALLINE CELLULOSE	KG	36696.000	--	36696.000

hmmocle

DL

[Signature]

	(Avicel PH112)				
38.	LIGHT MAGNESIUM OXIDE	KG	1650.000		1650.000
39.	SODIUM STARCH GLYCOLATE	KG	1650.000		1650.000
40.	SODIUM STEARYL FUMERATE	KG	594.000		594.000
41.	LAKE BLEND COLOUR	KG	264.000		264.000

Domestic Water Demand and Effluent Generation:

S.No.	Uses	Population/ area	Consumption rate	Water requirement [KLD]	Domestic Effluent [KLD]
1	Domestic uses [drinking, sanitation]	900	20	18	13
2	Flushing water	900	10	9	9
3	Canteen Facility				
4	Housekeeping				
5	Gardening			23	
	Total			50	22

Industrial Water Demand and Effluent Generation:

S.No.	Uses	Water requirement [KLD]	Effluent Generation [KLD]
1	Process	50	
2	Cooling Tower make up	930	10
3	Boiler	150	10
4	Miscellaneous	35	30
	Total	1165	50

Solid waste details:

S. No.	Waste Detail	Quantity Generation (MTPA)			Utilization/ Disposal
		Existing	Proposed	Total	
1	Schedule I -35.3	2.0	-	2.0	Secure Landfill
2	Schedule I -5.1	0.2	-	0.2	Recyclable
3	Schedule I -28.1	35.0	10.0	45.0	As per rules
4	Schedule I - 33.2	2.0	-	2.0	Incinerable
5	Schedule I -33.1	1.0	-	1.0	Recyclable

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 ETP & VOC scrubbing system.
- Project Proponent shall install Wet Scrubber, re-cycling pit as air pollution control device in his premises.
- 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

monocle

R

zshu

[Signature]

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 – 8

Online proposal No.	SIA/UK/INFRA2/431749/2023
Name of the Project	Proposed Installation of DG Set for manufacturing of LED Bulbs at Khasra No-122 & 265, Central Hope Town, Selaqui, Dist- Dehradun.
Name & Address of Proponent	M/s Dixon Technologies Solution Private Limited by Shri Rajendra Negi (Dy. Manager)

m r m m e l e

Shri

[Signature]

Whether New/Expansion/Modernization Project	New
Total Plot Area	6117.00 m ²
Project Category	B2, (Orange Category as per Doon Valley Notification 1989 & 2020)

The project was submitted vide proposal no SIA/UK/INFRA2/431749/2023 on dated 1st June, 2023 by the project proponent. The committee observed that the proponent is seeking Environmental Clearance for Proposed Installation of DG Set for manufacturing of LED Bulbs. 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	S. No.	Particulars	Production Capacity		
				Existing	Proposed	Total
		1.	LED Bulb PCB	150Lacs Nos./Month	-	150 Lacs Nos./Month
		2.	MCPCB LED Bulb	150 Lacs Nos./Month	-	150 Lacs Nos./Month
		3.	Downlighter	30 Lacs Nos./Month	-	30 Lacs Nos./Month
		4.	Batten MCPCB	30 Lacs Nos./Month	-	30 Lacs Nos./Month
		5.	SHW	3 Lacs Nos./Month	-	3 Lacs Nos./Month
		6.	Smart Bulb	1 Lacs Nos./Month	-	1 Lacs Nos./Month
		7	Emergency Bulb	10 Lacs Nos./Month	-	10 Lacs Nos./Month
		8.	Strip Light	12.5 Lac meter/Month	-	12.5Lac meter/Month
		9.	Batten Driver PCB	-	30Lacs Nos./Month	30 Lacs Nos./Month
		10.	Smart Batten	-	2 Lacs Nos./Month	2 Lacs Nos./Month
		11.	Frameless DL	-	2 Lacs Nos./Month	2 Lacs Nos./Month
		12.	Strip Light Driver	-	5 Lacs Nos./Month	5 Lacs Nos./Month
		13.	DECCO/0.5 W	-	10Lacs Nos./Month	10 Lacs Nos./Month
		14.	Plug and Play	-	2 Lacs Nos./Month	2 Lacs Nos./Month
		15.	COB Light	-	1 Lacs Nos./Month	1 Lacs Nos./Month
2.	Estimated Project Cost	46.32 Cr.				
3.	Total Plot Area	6117.00Sq.m				
4.	Existing Green Area	532.00 Sq. m				
5.	Proposed Green Area	2019.00 Sq. m				
6.	Fresh Water Consumption	10.00 KLD				
7.	Fresh Water Source	Existing Borewells				
8.	Power Demand	Existing - 1600 KVA (Sources from UPCL) Proposed – Nil Total - 1600 KVA (Sources from UPCL)				
9.	Power back up	Existing –DG Set of 910 KVA (for emergency power failure) Proposed - DG Set of 500 KVA (for emergency power failure) Total - DG Sets of 910 KVA & 500 KVA (for emergency power failure)				
10.	Wastewater Management	Existing STP (Capacity – 50.0 KLD)				
11.	Steam and heating					

	system	
12.	Fuel Consumption	HSD (200 Lit. per Hour.)

Land use details:

S.No	Parameters	Description
1.	Ground Coverage	3322.00 Sq. m
2.	Road and Paved area	
3.	Parking area	
4.	Green Area	532.00 Sq. m
5.	Switchyard [OTS]	
6.	Open Area	2263.00 Sq. m
	Total Plot Area	6117.00 Sq.m

Raw material details:

S.No.	Major Raw Material	Avg. consumption	Source	Mode of Transport
1.	LED CHIP	36.3 Crores No's/Month		Road
2.	PCB	231 Lacs No's /Month		Road
3.	ELCO	495 Lacs No's/Month		Road
4.	CHIP REGISTER	165 Lacs No's /Month		Road
5.	SMT COMPONENTS	16.5 Crore No's/Month		Road
6.	Top/Bottom Cover for DRIVER	2 Lacs No's /Month		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]	500	20	10.0	7.0
2	Flushing water	500	10	5.0	5.0
3	Canteen Facility				
4	Housekeeping				
5	Gardening			5.0	0.0
	Total			20.0	12.0

Industrial Water Demand and Effluent Generation:

S.No.	Uses	Water requirement [KLD]	Effluent Generation [KLD]
1	Process – Boiler, Washing		
2	Cooling Tower make up		
3	Laboratory		
4	APC devices [Fume scrubber]		
5	Rejects from Water Treatment		
	Total	0.00	0.00

Solid waste details:

S.No.	Waste Detail	Quantity Generation	Utilization/Disposal
1	Used Oil [Category 5.1]	0.1 MT/Annum	Authorized Recycler
2	Empty barrels /liners/containers contaminated with hazardous wastes/ chemicals [Category 33.1]	10 Nos./Annum	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 informed SEAC during the presentation that the manufacturing process is though in green category but, due to enhancement in DG capacity beyond the prescribed limit the project falls under orange category.
- 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.

M. M. M. M. M.

[Signature]

[Signature]

- 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.

Munoo

R

[Signature]

- 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/288132/2022
Name of the Project	Proposed Construction of Hotel at Plot no. 19, Adarsh Gram, Dehradun Road, Tehsil- Rishikesh, District - Dehradun.
Name & Address of Proponent	M/s Hotel Holy Vivasa by Shri Dinesh Kothari (Director)
Whether New/Expansion Project	New
Total Plot Area	1921.00 m ²
Project Category	B(a) enlisted in project /activity as per EIA Notification, 2006

The project was submitted vide proposal no SIA/UK/MIS/288132/2022 on dated 10th August, 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.

The project proponent has requested SEAC vide his letter dated- 13.06.2023 to defer this proposal as the project proponent is unable to present the case due to unavoidable circumstances. Hence, with the permission of the chair, the committee decided to defer the project.

Proposal – 10

Online proposal No.	SIA/UK/NCP/281473/2022
Name of the Project	Proposed establishment of 25 MTPH Mobile Stone Crusher Plant at Khasra no.237,238 &279/2 Village-FathepurTandaParwa Dun, Tehsil -Doiwala, District - Dehradun
Name & Address of Proponent	M/s RKC- Bharat (JV)
Whether New/Expansion/Modernization Project	New
Total Plot Area	1.854 Ha.
Project Category	B2, (Orange Category as per Doon Valley Notification 1989 & 2020)

The project was submitted vide proposal no SIA/UK/NCP/281473/2022 on dated 3rd July, 2022 by the project proponent. The committee observed that the proponent is seeking Environmental Clearance for Proposed establishment of 25MTPH Mobile Stone Crusher Plant. The committee observed that this project activity is covered under Orange Category as per the Doon Valley Notification 1989 (as amended). The proponent has submitted detailed project related information in Form 1, Pre Feasibility Report and EMP.

The project proponent did not turn-up for the meeting. Hence, with the permission of chair committee decided to reject the project.

(Shri S.S. Bist)
Chairman, SEAC
(Attended Online)

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

(Dr. Ashutosh Gautam)
Member, SEAC

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

(Shri Nitish Mani Tripathi)
Member Secretary, SEAC

- 1) 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

[Handwritten signature]

[Handwritten signature]

[Handwritten signature]

[Handwritten signature]

- 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.

-----x-----x-----

M. M. M. M. *SPM* *R* *Y. K. S.*

- 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.

-----X-----X-----

M. M. M. Singh *S. M. R.* *[Signature]*