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: 21 /SEAC
Dated: 13, May, 2023

The Second Day of the 7th meeting of the Uttarakhand State Level Expert Appraisal Committee (SEAC) was held on 12th 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. 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 includesConstruction, Industrialetc.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/IND3/426465/2023
Name of the Project	Expansion in the existing manufacturing of pharmaceutical products incorporationof new products& enhancement of DG Set & Boiler at Plot No- 25-26,Pharma City, Selaqui, Dehradun.
Name & Address of Proponent	M/s Uni Medico LabsUnit-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/IND3/426465/2023on dated 20th April,2023by the project proponent. The committee observed that the proponent is seeking Environmental Clearance for Expansion in the existing manufacturing of pharmaceutical products incorporationof 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. **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.	Products and quantity	**Tablets-** API(Paracetamol, Azithromycin, Lactic acid, Bacillus) Excipients (Magnesium, Talcum, Maizestarch Lactose). **Capsules-** Probiotic, Rabeprazol Pellets, Domperidone-C, Empty Gelatin Capsules Shells, Excipients (Magnesium, Talcum, Arocil) **Capsules-** Cetostearyl alchol, Cetomacrogol, Emulsifying Wax, Liquid Paraffin, Hydrogenated Casteroil **Dry Syrup + Sachet-** Lactic Acid Bacillus, Sugar, Other Excipients.
2.	Estimated Project Cost	9.87Crore
3.	Total Plot Area	8200sqm
4.	Proposed Green Area	2706sqm
5.	Proposed Green Area	2706sqm

6.	Fresh Water Consumption	90KLD			
7.	Fresh Water Source	Borewell and SIDCUL water supply			
8.	Power Demand	1000 KVA (existing) + 500KVA (Proposed)			
9.	Power back up	125 KVA x 1, 380 KVA x 2, 500 KVA x 1 &625 KVA x 1			
10.	Wastewater Management	**Use of Water**	**Water requirement**	**Waste water generation**	**Mode of Disposal**
		Process	65KLD	52 KLD	ETP
		Domestic	25KLD	20KLD	STP
11.	Steam and heating system	Boiler 600 Kg/Hr x 1 (existing) 850 Kg/Hr x 1 (Proposed) &1500 Kg/Hrx1 (Proposed)			
12.	Fuel Consumption	HSD850ltr/hr for D.G. Set			

Land use details:

S.No	Parameters	Description
1.	Ground Coverage	2798.90
2.	Road and Paved area	1252.60
3.	Parking area	795.38
4.	Green Area	2706 sqm
5.	Switchyard [OTS]	Nil
6.	Future Expansion Area	N.A.
	Total Plot Area	8200sqm

Raw material details:

S.No	Major Raw Material	Avg. consumption per Year	Source	Mode of Transport
A.	**CAPSULES**			
1.	Probiotic	38MTA	Open Source	Road
2.	Rabeprazol Pellets	60 MTA	Open Source	Road
3.	Domperidone-C	83MTA	Open Source	Road
4.	Empty Gelatin Capsules Shells	47MTA	Open Source	Road
5.	Excipients	50MTA	Open Source	Road
B.	**TABLETS**			
1.	API	750MTA	Open Source	Road
2.	Excipients& Lubricants (Azithromycin, Lactic acid, Bacillus)	750 MTA	Open Source	Road
C.	**Ointment**			
1.	Cetostearylalcohol	2000MTA	Open Source	Road
2.	Cetomacrogol	200 MTA	Open Source	Road
3.	Emulsifying Wax	600MTA	Open Source	Road
4.	Liquid Paraffin	800MTA	Open Source	Road
5.	Hydrogenated Casteroil	200MTA	Open Source	Road
D.	**Dry Syrup**			
1.	Lactic Acid Bacillus	1200MTA	Open Source	Road
2.	Sugar	3500 MTA	Open Source	Road
3.	Other Excipients	100MTA	Open Source	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	40	20	16
2	Flushing water	500	---	4	3.5
3	Canteen Facility	---	---	1	0.5
4	Housekeeping (Recycled Water)	2000sqm	1.25ltr/sqm	2.5 (Recycled)	---

5	Gardening (Recycled Water)	2706sqm	6.25ltr/sqm	16 (Recycled)	---

Industrial Water Demand and Effluent Generation:

S.No.	Uses	Water requirement [KLD]	Effluent Generation [KLD]
1	Process - Boiler Chiller	62.00	51.00
2	Cooling Tower make up	1.0	0.00
3	Laboratory	0.5	0.2
4	APC devices [Fume scrubber]	1.5	0.8
5	Rejects from Water Treatment	-----	-----
	Total	**65KLD**	**52KLD**

Solid waste details:

S.No.	Waste Detail	Quantity Generation	Utilization/Disposal
1	ETP sludge [Category 35.3]	12 MTA	Authorized TSDF
2	Expired finished product and raw materials[Category 28.4]	22 MTA	Authorized TSDF
3	Used Oil [Category 5.1]	1.2 MTA	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 not produce Beta lactum, Ceflosporin, Anti-Cancer drugs, Narcotics.
- Project Proponent shall submit revised EMP and CER activities along with revised budgetary allocation.
- 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 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 – 2

Online proposal No.	SIA/UK/IND3/426545/2023
Name of the Project	Expansion in the existing manufacturingof pharmaceutical productsincorporationof new products& enhancement of DG Set &Boiler at Plot No- 21-22,Pharma City, Selaqui, Dehradun.
Name & Address of Proponent	M/s Uni Medico Labs Unit-II by Shri Dheeraj Sharma (CEO)
Whether New/Expansion/ Modernization Project	Expansion
Total Plot Area	8278.00 m^2
Project Category	B2, (Orange Category as per Doon Valley Notification 1989 & 2020)

The project was submitted vide proposal no SIA/UK/IND3/426545/2023on dated 20th April, 2023by the project proponent. The committee observed that the proponent is seeking Environmental Clearance for Expansion in the existing manufacturing of pharmaceutical products incorporationof 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.**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.	Products and quantity	**Tablets-** API(Paracetamol, Azithromycin, Lactic acid, Bacillus) Excipients (Magnesium, Talcum, Maizestarch Lactose). **Capsules-** Probiotic, Rabeprazol Pellets, Domperidone-C, Empty Gelatin Capsules Shells, Excipients (Magnesium, Talcum, Arocil). **Capsules-** Cetostearyl alchol, Cetomacrogol, Emulsifying Wax, Liquid Paraffin, Hydrogenated Casteroil. **Dry Syrup-** Lactic Acid Bacillus, Sugar, Other Excipients. **Dry Injection-** Pipracillin, Tazobactum. **Liquid Syrup-** Sugar, Paracetamol, Sorbitol 70%, Glycerine.			
2.	Estimated Project Cost	97.86Crore			
3.	Total Plot Area	8278sqm			
4.	Proposed Green Area	1656sqm			
5.	Proposed Green Area	1656 sqm			
6.	Fresh Water Consumption	70KLD			
7.	Fresh Water Source	Borewell and SIDCUL water supply			
8.	Power Demand	1000 KVA (existing) + 500KVA (Proposed)			
9.	Power back up	380 KVA x 2, 500 KVA x 2, 625 KVA x 1&125 KVA x 1			
10.	Wastewater Management	**Use of Water**	**Water requirement**	**Waste water generation**	**Mode of Disposal**
		Process	50KLD	45KLD	ETP
		Domestic	20 KLD	17.5KLD	STP
11.	Steam and heating system	Boiler 850 Kg/Hr. x 2 (Existing) Boiler 1500Kg/Hr. x 1 (Proposed)			
12.	Fuel Consumption	HSD1000ltr/hr for D.G. Set			

Land use details:

S.No	Parameters	Description
1.	Ground Coverage	4226.64 sqm
2.	Road and Paved area	1148.00 sqm
3.	Parking area	1585.16 sqm
4.	Green Area	1656 sqm
5.	Switchyard [OTS]	Nil
6.	Future Expansion Area	N.A.
	Total Plot Area	8278sqm

Raw material details:

S.No	Major Raw Material	Avg. consumption per month	Source	Mode of Transport
1.	Sugar	1000MT	Open Source	Road
2.	Paracetamol	25MT	Open Source	Road
3.	Sorbitol 70%	225KL	Open Source	Road
4.	Glycerine	112KL	Open Source	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	30	15	13.2
2	Flushing water	500	---	4	3.5
3	Canteen Facility	---	---	1	0.8
4	Housekeeping (Recycled Water)	2000sqm	1.25ltr/sqm	2.5 (Recycled)	---

5	Gardening (Recycled Water)	1656 sqm	6.25ltr/sqm	10 (Recycled)	---

Industrial Water Demand and Effluent Generation:

S.No.	Uses	Water requirement [KLD]	Effluent Generation [KLD]
1	Process - Boiler Chiller	47.5	44.0
2	Cooling Tower make up	1.0	0.00
3	Laboratory	0.5	0.2
4	APC devices [Fume scrubber]	1.0	0.8
5	Rejects from Water Treatment	-----	-----
	Total	**50 KLD**	**45 KLD**

Solid waste details:

S.No.	Waste Detail	Quantity Generation	Utilization/Disposal
1	ETP sludge [Category 35.3]	12 MTA	Authorized TSDF
2	Expired finished product and raw materials[Category 28.4]	22 MTA	Authorized TSDF
3	Used Oil [Category 5.1]	1.2 MTA	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 not produce Beta lactum, Ceflosporin, Anti-Cancer drugs, Narcotics.
- Project Proponent shall submit revised EMP and CER activities along with revised budgetary allocation.
- 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 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/INFRA2/412834/2023
Name of the Project	Proposed Manufacturing of Pharmaceutical Formulation at Khasra No- 88/1359 (E-8) Situated At (Sara Industrial, Estate,Selaqui) Mauza Central Hopetown,Pargana Pachwa Doon, Distt. Dehradun.
Name & Address of Proponent	M/s Aryatech Lifesciences Pvt Ltd. by Shri Sanjeev Kumar Sharma (Partner)
Whether New/Expansion/ Modernization Project	New
Total Plot Area	2001.14 m^2
Project Category	B2, (Orange Category as per Doon Valley Notification 1989 & 2020)

The project was submitted vide proposal no SIA/UK/INFRA2/412834/2023on dated 7th 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	**Tablets**-CefpdoximeProxetil and Potassium Clavulate Tablet, CefpodoximePrxetil Tablet IP, CefpodoximeProxetil Dispersible Tablet5s IP, CefpodoximeProxetil Dispersible Tablet IP, Cefixime Tablets IP, Cefixime Tablets IP, Cefixme Dispersible Tablets, Cefixime Dispersible Tablets IP, Cefixime Dispersible Tablets IP, Cefixime and Lactic Acid Bacillus Tablets IP, Cefixime and Ofloxacin Tablets IP, Cefixime and Clavulante& Lactic Acid Bacillus Tablets IP, Cefixime and Clavulanate Potassium Tablets, Cefuroxime Axetil Tablets, Cefuroxime Axetil Tablets, Cefuroxime Axetilm and Clavulanic Acid, **Injectable**-Ceftriaxone and Sulbactam for Injection, Ceftriaxone Injection IP, Ceftriaxone and Tazobactam for Injection, Cefoperazone for Injection, Cefoperazone for Injection, Salbactam&Cefoperaxone for Injection, Cefoperazone&Tazobactam for Injection, Cefepime&Tazobactam Injection, Cefepime injection, CefuraximeAxetil and Salbactam Injection. **Dry Syrup**- Cefuroxime Axetil and Clavulanic Acid for dry syrup, Cefodroxil dry syrup, CefpodoximeProxetil and Potassium Clavulate dry syrup, Cefixime dry syrup.
2.	Estimated Project Cost	3.0 Cr.
3.	Total Plot Area	2001.14Sq.m
4.	Proposed Green Area	660.00 m2
5.	Proposed Green Area	660.00 m2
6.	Fresh Water Consumption	7.0 KLD
7.	Fresh Water Source	Borewell
8.	Power Demand	60 KVA
9.	Power back up	80 KVA
10.	Wastewater Management	Proposed ETP (Capacity – 4.0 KLD) Proposed STP (Capacity – 2.0 KLD)
11.	Steam and heating system	Boiler 600 x 2 Kg/Hr.
12.	Fuel Consumption	HSD

Land use details:

S.No	Parameters	Description
1.	Ground Coverage	54.98 %
2.	Road and Paved area	
3.	Parking area	340.93 Sq.M
4.	Green Area	249.57 Sq.M
5.	Switchyard [OTS]	
6.	Future Expansion Area	
	Total Plot Area	2001.14Sq.m

Raw material details:

S.No	Major Raw Material	Avg. consumption per month	Source	Mode of Transport
1.				
2.				
3.				

Domestic Water Demand and Effluent Generation:

S.No.	Uses	Population/ area	Consumption rate	Water requirement [KLD]	Domestic Effluent [KLD]
1	Domestic uses	35		2.0	1.4

	[drinking, sanitation]				
2	Flushing water				
3	Canteen Facility				
4	Housekeeping				
5	Gardening	249.57 Sq.M		1.0	
	Total			3.0	

Industrial Water Demand and Effluent Generation:

S.No.	Uses	Water requirement [KLD]	Effluent Generation [KLD]
1	Process - Boiler Chiller	5.0	2.0
2	Cooling Tower make up		
3	Laboratory		
4	APC devices [Fume scrubber]		
5	Rejects from Water Treatment		
	Total	5.0	2.0

Solid waste details:

S.No.	Waste Detail	Quantity Generation	Utilization/Disposal
1	Expired finish product [Category 28.3]	50 MTPA	Sent To TSDF
2	ETP sludge [Category 35.3]	25 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]	0.1 MTPA	Sent To 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 not produce Beta lactum, Ceflosporin, Anti-Cancer drugs, Narcotics.
- 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.
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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.

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- 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 – 4

Online proposal No.	SIA/UK/INFRA2/424606/2023
Name of the Project	Expansion of Existing Hospital at Village- Karaundi Mustakim &Village- Karaundi Jadeed Mustakim, Paragana- Bhagwanpur, Tehsil- Roorkee, District- Haridwar.
Name & Address of Proponent	M/s Arogyam Educational Trust by Shri Sudhir Mittal
Whether New/Expansion Project	Expansion
Total Plot Area	1,07,338.00 m^2
Built up Area	74,826.00m^2
Project Category	8(a) enlisted in project /activity as per EIA Notification, 2006

The project was submitted vide proposal no SIA/UK/INFRA2/424606/2023on dated 14th April, 2023by the project proponent. The committee observed that the proponent is

seekingEnvironmental Clearance for Expansion of Existing Hospital. 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.	Plot Area	107338.00sqm
2.	Proposed Built Up Area	19237sqm (existing) + **55589sqm Proposed = 74826sqm**
3.	Total no of Rooms	Not Applicable
4.	Total EWS Unit	Not Applicable
5.	Max Height of Building (Upto Terrace)	30mtr
6.	Max No of Floors	10 nos
7.	Cost of Project	70(existing) + **150 (Proposed) = 220 Crore**
8.	Expected Population	300(existing) **+ 1500 (Proposed) = 1800nos**
9.	Proposed Ground Coverage Area	9000 sqm
10.	Proposed FAR Area	0.98
11.	Total Water Requirement	786KLD
12.	Fresh water requirement	718 KLD
13.	Waste water Generation	708 KLD
14.	Proposed STP Capacity	100KLD(existing) + **600(KLD) proposed =700KLD**
15.	No of RWH of Pits Proposed	Not required
16.	Total Proposed Parking	1967.21 E.C.S.
17.	Proposed Green Area	19500 sqm
18.	Municipal Solid Waste Generation	18kg/day
19.	Total Power Requirement	6385KVA
20.	DG set backup	320 KVA x 1no&500KVA x 1no(Existing) **+1500 KVA x 3 nos + 750 KVA x 1no (proposed)**

Salient features details:

S.No	Parameters	Description
GENERAL		
1.	Plot Area	107338.00sqm
2.	Proposed Built Up Area	19237sqm (existing) + **55589sqm Proposed = 74826sqm**
3.	Number of Building Blocks	06nos
4.	Total no of Rooms	Not Applicable
5.	Max Height of Building (Upto Terrace)	30mtr
6.	Max No of Floors	10nos
7.	Cost of Project	70(existing) + **150 (Proposed) = 220 Crore**
8.	Expected Population	300(existing) **+ 1500 (Proposed) = 1800nos**
9.	Permissible Ground Coverage Area (@40%)	42935 sqm
10.	Proposed Ground Coverage Area	9000 sqm
11.	Permissible FAR Area	2.10
12.	Proposed FAR Area	0.98
13.	Proposed NoN FAR Area	90000sqm
14.	Proposed Built Up Area	19237sqm (existing) + **55589sqm Proposed = 74826sqm**
WATER		
15.	Total Water Requirement	786KLD
16.	Fresh water requirement	718 KLD
17.	Waste water Generation	708KLD
18.	Proposed STP Capacity	100KLD(existing) + **600(KLD) proposed =700KLD**

19.	Treated Water Available for Reuse	673 KLD
20.	Recycled Water	673 KLD
21.	Surplus Treated water	0
RAIN WATER HARVESTING		
22.	Rain Water Harvesting Potential	Due to the ground water table being very high rain water harvesting is not possible so direct discharge into river after de-silting chambers.
23.	No of RWH of Pits Proposed	Not required.
PARKING		
24.	Total Parking Required as per building Bye Laws	56 E.C.S
25.	Total Proposed Parking	1000E.C.S.
26.	Proposed Surface Parking	1813.60 E.C.S
27.	Proposed Stilt/Podium Parking	153.61E.C.S
28.	Proposed Basements Parking	N.A.
GREEN AREAS		
29.	Required Green Area	19500 sqm
30.	Proposed Green Area (15.14% of Plot Area) (360 numbers of tree proposed to planted)	5000sqm (existing) **+ 14500sqm (Proposed) = 19500 sqm**
WASTE GENERATION		
31.	Municipal Solid Waste Generation	500kg/day
32.	Bio Degradable waste	500kg /day
33.	Quantity of Sludge Generated from STP	50kg/day
POWER		
34.	Total Power Requirement	6385KVA
35.	DG set backup	320 KVA x 1no&500KVA x 1no(Existing) **+1500 KVA x 3 nos + 750 KVA x 1no (proposed)**

Land use details:

S.No	Parameters	Description
1.	Ground Coverage Area	9000 sqm
2.	Green Area	19500 sqm
3.	Road/Paved Parking Area	59189sqm
4.	Other Open Area	1076.01sqm
5.	Total Plot Area	2361.36 sqm

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 has submitted approval of existing hospital buildings from Zila Panchayat. The project proponent shall get the approval of HRDA as per the layout submitted. In case of any change in the proposed layout plan the Project Proponent shall inform the SEIAA and shall seek amended Environmental Clearance.
- Project Proponentshall install oxygen plant.
- Project Proponentshall install organic waste composter
- Project Proponent shall sign an MoU with authorized CBWTF for picking Bio Medical waste.
- Project Proponent shall install Electric Vehicle charging station for vehicles in its parking area.
- Project Proponent shall install 1000 KW solar plant in his premises
- Project Proponent shall assure that he will invest 25.00 Lakh for infrastructure and other requirements of nearby primary/secondary schools in consultation with district officials of education department.
- Project Proponentshall organize atleast 15 health camps in rural villages of Haridwar district in consultation with CMO Haridwar. Free distribution of medicines at the expense of Project Proponent shall be ensured in these health camps.
- Project Proponent shall ensure compliance of CER activity through any Govt. Organization.
- The project proponent shall construct rainwater harvesting pits in such a manner to prevent the ingress of contaminated water from ETP &STP into rainwater harvesting pit.

- The Project Proponent shall obtain clearance under the Wildlife (Protection) Act, 1972 from the competent Authority as may be applicable to this project.
- Construction site shall be adequately barricaded before the construction begins dust smoke and other air pollution measures shall be provided for the building as well as the site, these measures shall include screens for the building under construction continous dust/wind breaking walls around the site (at least 3 meters high).
- Consent to Establish shall be obtained from Uttarakhand Pollution Control Board under relevant provisions of Central Air Act and Central Water Act before starting up of any construction activity at the site
- The structural design and other aspects of the building shall comply with guidelines of National Building Code. This shall be ensured by concerned Department of State Government/Accredited Agencies
- The building plan and structural design shall comply with requirements of Seismic Zone – IV as outlined in National Building Code.
- Notification GSR 94(E) dated 25-10-2018 of MOEF&CC regarding mandatory implementation of Dust Mitigation Measures for construction and Demolition activity for projects requiring Environmental Clearance shall be complied with.
- The disposal of muck should adhere to standards of general safety and health concerns of local people and also it should have no adverse effect on the neighbouring community.
- DG Set shall be used only as backup power. The capacity of the proposed DG set shall not exceed 3 DG sets of 1500 KVA and 1 DG set of 750 KVAand it should have stack height complying with CPCB norms.
- Fixtures of showers, toilet flushing and drinking should be of low flow either by use of aerators or pressure reducing devices/sensor based control. Dual plumbing system shall be installed separately for fresh water and waste water.
- The use of glass may be reduced by upto 40 percent to reduce the electricity consumption and load on air conditioning. If necessary then use of high quality double glass may be encouraged with special reflective coating in windows.
- The use of LED and such other power saving devices shall be maximized. Common areas and landscape areas shall be illuminated with solar lighting system. At least 40 percent of the total power requirement after completion of construction unit shall be met from solar energy.
- Rainwater harvesting for roof top and surface run off should be ensured as per the plan submitted. Before recharging the surface run off, pre treatment must be done to remove suspended matter, oil and other particles. The bore well for rain water recharging should be kept at 5 meters above the highest ground water table.
- One third of the total project site area shall be converted into green belt. The green belt shall not include kitchen garden, flower pots and grasses/herbs in the area. It shall comprise of tree stand of aesthetic/fruit/timber value. Quality planting material has to be used during plantation as per standards of State Forest Department.
- Acoustic enclosures shall be provided with all construction machineries and DG sets on site complying with Noise Levels of CPCB standards. The ambient air quality and noise levels as per CPCB norms shall be ensured through a monitoring system as approved by UKPCB.
- The construction debris may be used for land fill or disposed through authorized vendors. The Hazardous substances generated during construction activity shall be disposed off as required by Hazardous Waste (Management, Handling) Rules, 1989 (as amended from time to time). Efforts shall be maximized for use of low toxicity substitutes and low VOC materials.
- The vehicles used at the construction site should comply with emission norms and noise level standards of CPCB and State Transport Department. They should be operated only during non peak hours.
- All necessary efforts shall be made to ensure safety and hygiene of workforce. First Aid facility shall be established and trained manpower to deal with emergency cases shall be engaged. The labour force engaged on site shall be screened for health from time to time.
- Adequate drinking water and sanitation facility has to be provided on site for the workforce. Provision should be made for supply of domestic fuel to the workforce so that they do not remain dependent on adjoining forest areas for fuel wood.
- The fire safety arrangements and emergency exit plan should be as per the norms of the concerned regulatory authority/agency.
- The entire site after construction activities should carry signages of garbage collection points, environment awareness etc.

- The proponent shall ensure safety measures against river meandering. It shall also undertake river meandering study in the locality and then construct suitable protective structures for river training
- Any wastes from construction and demolition activities related thereto shall be managed so as to strictly conform to the Construction and Demolition Rules, 2016.
- All workers working at the construction site and involved in loading, unloading carriage of construction material and construction debris or working in any area with dust pollution shall be provided with dust mask.
- Emergency preparedness plan based on the Hazard identification and Risk Assessment (HIRA) and Disaster Management Plan shall be implemented.
- A first aid room shall be provided in the project both during construction and operations of the project.
- The quantity of fresh water usage, water recycling and rainwater harvesting shall be measured and recorded to monitor the water balance as projected by the project proponent the record shall be submitted to the Regional office, MoEF&CC, 25 Subhash Road, Dehradun and SEIAA Uttarakhand along with six monthly monitoring reports.
- On site treatment of capacity of treating 100% waste water to be installed. The installation of the Sewage Treatment Plant (STP) shall be certified by an independent expert a report in this regard shall.
- A STP of capacity 700 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 (Mahila mangal dal/ Yuvak mangal dal/ Vanpanchayat) in the adjoining villages close to forest areas in consultation with local Forest Officials. The project proponent will also strengthen the nearest government primary school in terms of infrastructure and other desired facilities.

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

Proposal – 5

Online proposal No.	SIA/UK/INFRA2/426075/2023
Name of the Project	Proposed construction of Cancer Hospital and Research Center at Khasra no.- 1148 kha & 1185 ka, Mauza - Dehrakhas -Pargana - Central Doon, District – Dehradun.
Name & Address of Proponent	M/s Shri Mahant Indresh Cancer Hospital and Research Center by Shri Guru Ram Rai Educational Mission Managing Committee (Lessee)
Whether New/Expansion Project	New
Total Plot Area	22,888.50 m^2
Built up Area	47,372.89m^2
Project Category	8(a) enlisted in project /activity as per EIA Notification, 2006

The project was submitted vide proposal no SIA/UK/INFRA2/426075/2023on dated 14th April, 2023by the project proponent. The committee observed that the proponent is seeking Environmental Clearance for Proposed construction of Cancer Hospital and Research Center. The proponent has submitted detailed project related information in Form 1, Form 1-A, Conceptual Plan. **Project was prepared by Accredited consultancy firm M/s Rian Enviro Pvt. Ltd. and project was presented by Shri Muzaffar Ahmad, EIA Coordinator.** The details of the project are as follows:-

S.No	Parameters	Description
1.	Plot Area	22888.5 Sqm. (2.29 Ha.)
2.	Proposed Built Up Area	47372.89 Sqm.
3.	Total no of Saleable DU's	NA
4.	Total EWS Unit	NA
5.	Max Height of Building (Upto Terrace)	32.7
6.	Max No of Floors	B+ G+7
7.	Cost of Project	Rs. 250 Cr
8.	Expected Population	300 beds
9.	Proposed Ground Coverage Area	4998.84 Sqm.
10.	Proposed FAR Area	35352.52 Sqm.
11.	Total Water Requirement	230 KLD
12.	Fresh water requirement	143 KLD
13.	Waste water Generation	173KLD
14.	Proposed STP Capacity	200 KLD
15.	No of RWH of Pits Proposed	10
16.	Total Proposed Parking	**697 ECS**
17.	Proposed Green Area (24.79 % of Plot Area)	5675 Sqm. (24.79 %)
18.	Municipal Solid Waste Generation	415 Kg/day
19.	Total Power Requirement	3000KVA
20.	DG set backup	3 DGs of 2x1250 KVA + 1 x 500 kVA

Salient features details:

S.No	Parameters	Description
GENERAL		
1.	Plot Area	22888.5 Sqm. (2.29 Ha./5.66 acer)
2.	Proposed Built Up Area	**47372.89 Sqm.**
3.	Number of Building Blocks	01
4.	Total no of Saleable DU's	NA
5.	Max Height of Building (Upto Terrace)	32.7
6.	Max No of Floors	B+G+7
7.	Cost of Project	Rs 250 Cr.
8.	Expected Population	300 Beds
9.	Permissible Ground Coverage Area (@40%)	9155.2 sqm
10.	Proposed Ground Coverage Area (21.84 %)	4998.84 Sqm. (21.84 %)
11.	Permissible FAR Area (@210)	48065.85 sqm (210)

12.	Proposed FAR Area (@154)	35352.52 Sqm. (154)
13.	Proposed NoN FAR Area	12020.37 Sqm
14.	Proposed Built Up Area	**47372.89 Sqm.**
WATER		
15.	Total Water Requirement	230 KLD
16.	Fresh water requirement	143 KLD
17.	Waste water Generation	173 KLD
18.	Proposed STP Capacity	200 KLD
19.	Treated Water Available for Reuse	138 KLD
20.	Recycled Water	87 KLD
21.	Surplus Treated water	51 KLD
RAIN WATER HARVESTING		
22.	Rain Water Harvesting Potential	31189.37 Cum/year
23.	No of RWH of Pits Proposed	10
PARKING		
24.	Total Parking Required as per building Bye Laws	600
25.	Total Proposed Parking	697
26.	Proposed Surface Parking	352
27.	Proposed Stilt/Podium Parking	0
28.	Proposed Basements Parking	345
GREEN AREAS		
29.	Required Green Area	5675 Sqm
30.	Proposed Green Area (24.79 % of Plot Area)	286
WASTE GENERATION		
31.	Municipal Solid Waste Generation	415 Kg/day
32.	Bio Degradable waste	249 Kg/day
33.	Quantity of Sludge Generated from STP	50 Kg/day
POWER		
34.	Total Power Requirement	3000KVA
35.	DG set backup	3 DGs of 2x1250 KVA + 1 x 500 kVA

Land use details:

S.No	Parameters	Description
36.	Ground Coverage Area	4998.84 Sqm.
37.	Green Area	5675 Sqm.
38.	Road/Paved Parking Area	11035.54
39.	Other Open Area	1179.12
40.	Total Plot Area	22888.5 Sqm. (2.29 Ha.)

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 has submitted a demand letter of hospital building from MDDA vide file no- MDDA/NC/AA/0012/22-23 dated-25.04.2023. The project proponent shall get the approval of MDDA as per the layout submitted. In case of any change in the proposed layout plan the Project Proponent shall inform the SEIAA and shall seek amended Environmental Clearance.
- Project Proponent shall install oxygen plant.
- Project Proponent shall install organic waste composter
- Project Proponent shall sign an MoU with authorized CBWTF for picking Bio Medical waste.
- Project Proponent shall sign an MoU with Bhabha Atomic Research Center (BARC) for picking Radio Active Waste.
- Project Proponent shall install Electric Vehicle charging station for vehicles in its parking area.
- Project Proponent shall install 1000 KW solar plant in his premises
- Project Proponent shall assure that he will invest 1.50 Crore for infrastructure and other requirements of nearby primary/secondary schools in consultation with district officials of education department.
- Project Proponent shall organize atleast 15 health camps in rural villages of Dehradun district in consultation with CMO Dehradun.Free distribution of medicines at the expense of Project Proponent shall be ensured in these health camps. In addition to this the

project proponent shall invest 85.00 Lakh Rupees for infrastructural and other requirements of nearby PHC & CHC in consultation with CMO, Dehradun.

- Project Proponent shall ensure that he will invest Rupees 1.0 Crore in plantation activities withconsultation of local DFO.
- Project Proponent shall ensure that the green net/protection cover is installed during construction phase.
- The project proponent shall construct rainwater harvesting pits in such a manner to prevent the ingress of contaminated water from ETP & STP into rainwater harvesting pit.
- The Project Proponent shall obtain clearance under the Wildlife (Protection) Act, 1972 from the competent Authority as may be applicable to this project.
- Construction site shall be adequately barricaded before the construction begins dust smoke and other air pollution measures shall be provided for the building as well as the site, these measures shall include screens for the building under construction continous dust/wind breaking walls around the site (at least 3 meters high).
- Consent to Establish shall be obtained from Uttarakhand Pollution Control Board under relevant provisions of Central Air Act and Central Water Act before starting up of any construction activity at the site
- The structural design and other aspects of the building shall comply with guidelines of National Building Code. This shall be ensured by concerned Department of State Government/Accredited Agencies
- The building plan and structural design shall comply with requirements of Seismic Zone – IV as outlined in National Building Code.
- Notification GSR 94(E) dated 25-10-2018 of MOEF&CC regarding mandatory implementation of Dust Mitigation Measures for construction and Demolition activity for projects requiring Environmental Clearance shall be complied with.
- The disposal of muck should adhere to standards of general safety and health concerns of local people and also it should have no adverse effect on the neighbouring community.
- DG Set shall be used only as backup power. The capacity of the proposed DG set shall not exceed 2 DG sets of 1250 KVA and 1 DG set of 500 KVAand it should have stack height complying with CPCB norms.
- Fixtures of showers, toilet flushing and drinking should be of low flow either by use of aerators or pressure reducing devices/sensor based control. Dual plumbing system shall be installed separately for fresh water and waste water.
- The use of glass may be reduced by upto 40 percent to reduce the electricity consumption and load on air conditioning. If necessary then use of high quality double glass may be encouraged with special reflective coating in windows.
- The use of LED and such other power saving devices shall be maximized. Common areas and landscape areas shall be illuminated with solar lighting system. At least 40 percent of the total power requirement after completion of construction unit shall be met from solar energy.
- Rainwater harvesting for roof top and surface run off should be ensured as per the plan submitted. Before recharging the surface run off, pre treatment must be done to remove suspended matter, oil and other particles. The bore well for rain water recharging should be kept at 5 meters above the highest ground water table.
- One third of the total project site area shall be converted into green belt. The green belt shall not include kitchen garden, flower pots and grasses/herbs in the area. It shall comprise of tree stand of aesthetic/fruit/timber value. Quality planting material has to be used during plantation as per standards of State Forest Department.
- Acoustic enclosures shall be provided with all construction machineries and DG sets on site complying with Noise Levels of CPCB standards. The ambient air quality and noise levels as per CPCB norms shall be ensured through a monitoring system as approved by UKPCB.
- The construction debris may be used for land fill or disposed through authorized vendors. The Hazardous substances generated during construction activity shall be disposed off as required by Hazardous Waste (Management, Handling) Rules, 1989 (as amended from time to time). Efforts shall be maximized for use of low toxicity substitutes and low VOC materials.
- The vehicles used at the construction site should comply with emission norms and noise level standards of CPCB and State Transport Department. They should be operated only during non peak hours.
- All necessary efforts shall be made to ensure safety and hygiene of workforce. First Aid facility shall be established and trained manpower to deal with emergency cases shall be engaged. The labour force engaged on site shall be screened for health from time to time.

- Adequate drinking water and sanitation facility has to be provided on site for the workforce. Provision should be made for supply of domestic fuel to the workforce so that they do not remain dependent on adjoining forest areas for fuel wood.
- The fire safety arrangements and emergency exit plan should be as per the norms of the concerned regulatory authority/agency.
- The entire site after construction activities should carry signages of garbage collection points, environment awareness etc.
- The proponent shall ensure safety measures against river meandering. It shall also undertake river meandering study in the locality and then construct suitable protective structures for river training
- Any wastes from construction and demolition activities related thereto shall be managed so as to strictly conform to the Construction and Demolition Rules, 2016.
- All workers working at the construction site and involved in loading, unloading carriage of construction material and construction debris or working in any area with dust pollution shall be provided with dust mask.
- Emergency preparedness plan based on the Hazard identification and Risk Assessment (HIRA) and Disaster Management Plan shall be implemented.
- A first aid room shall be provided in the project both during construction and operations of the project.
- The quantity of fresh water usage, water recycling and rainwater harvesting shall be measured and recorded to monitor the water balance as projected by the project proponent the record shall be submitted to the Regional office, MoEF&CC, 25 Subhash Road, Dehradun and SEIAA Uttarakhand along with six monthly monitoring reports.
- On site treatment of capacity of treating 100% waste water to be installed. The installation of the Sewage Treatment Plant (STP) shall be certified by an independent expert a report in this regard shall.
- A STP of capacity 200 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 (Mahila mangal dal/ Yuvak mangal dal/ Vanpanchayat) in the adjoining villages close to forest areas in consultation with local Forest Officials. The project proponent will also strengthen the nearest government primary school in terms of infrastructure and other desired facilities.

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

Proposal – 6

Online proposal No.	SIA/UK/INFRA2/427592/2023
Name of the Project	Proposed establishment of 250MTPH Mobile Stone Crusher Plant (One year only) along with installation of 500 KVA DG set at Khasra No.-659, 662, 663, 664, 504/750, 654, 692, 653, 686, 698, 713 & 714 Village -Jassowala, Tehsil - Vikasnagar, District - Dehradun.
Name & Address of Proponent	M/s MKC Infrastructure Ltd. by Shri Nishant Rameshbhai Bambhaniya (Director)
Whether New/Expansion/ Modernization Project	New
Total Plot Area	5.439 Ha.
Project Category	B2, (Orange Category as per Doon Valley Notification 1989 & 2020)

The project was submitted vide proposal no SIA/UK/INFRA2/427592/2023 on dated 29th April, 2023by the project proponent. The committee observed that the proponent is seeking Environmental Clearance for Proposed establishment of 250MTPH Mobile Stone Crusher Plant (One year only)along with installation of 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	RBM 250 TPH
2.	Estimated Project Cost	5.71Cr.
3.	Total Plot Area	54390 Sq. m.
4.	Proposed Green Area	17948.7Sq. m
5.	Proposed Green Area	17948.7 Sq. m
6.	Fresh Water Consumption	9.0KLD
7.	Fresh Water Source	Borewell
8.	Power Demand	400KVA
9.	Power back up	500 KVA
10.	Wastewater Management	Septic Tank/Soak Pit
11.	Steam and heating system	
12.	Fuel Consumption	100 LPH(DG set)

Land use details:

S.No	Parameters	Description
1.	Ground Coverage	1742.98Sq.m
2.	Road and Paved area	564 Sq.m
3.	Parking area	
4.	Green Area	17948.7Sq. m
5.	Switchyard [OTS]	
6.	Future Expansion Area	
	Total Plot Area	54390 Sq. m.

Raw material details:

S.No	Major Raw Material	Avg. consumption per month	Source	Mode of Transport
1.	RBM	250 TPH	Open Market	Road
2.				

3.				

Domestic Water Demand and Effluent Generation:

S.No.	Uses	Population/ area	Consumption rate	Water requirement [KLD]	Domestic Effluent [KLD]
1	Domestic uses [drinking, sanitation]	50		1.5	1.2
2	Flushing water				
3	Canteen Facility				
4	Housekeeping				
5	Gardening	17948.7Sq. m		2.5	
	Total			4.0	1.2

Industrial Water Demand and Effluent Generation:

S.No.	Uses	Water requirement [KLD]	Effluent Generation [KLD]
1	Process -	5.0	--
2	Cooling Tower make up		
3	Laboratory		
4	APC devices [Fume scrubber]		
5	Rejects from Water Treatment		
	Total	5.0	--

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]	50 Nos./Year	Sent to Authorized recyclers.
4	Used Oil [Category 5.1]	1.0 MTPA	Sent to 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 ensure compliance of CER activity through any Govt. Organization.
- The Project proponent has informed in his presentation that the actual distance of the project site from the bank of perennial river is 250 meters & no other perennial river falls within 500 meters of the said project.
- District Magistrate has issued permission in favour of this project vide its letter No-01/Mobile Stone Crusher/Bhandarandated- 24.04.2023 which is valid for 1 yeari.e 24.04.2024. The current E.C will remain co-terminus with this permission.
- Project Proponentshall assure use of raw material only from legal resources.
- 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 – 7

Online proposal No.	SIA/UK/INFRA2/427607/2023
Name of the Project	Proposed Installation of DG Set & Enhancement in Production Capacity at Plot No. C-8, SIIDCUL Industrial Area Selaqui, Dist-Dehradun.
Name & Address of Proponent	M/s Dixon Technologies (India) Limited by Shri Jagdish Singh Rawat (AGM-HR)

Whether New/Expansion/ Modernization Project	New
Total Plot Area	13039.00 m^2
Project Category	B2, (Orange Category as per Doon Valley Notification 1989 & 2020)

The project was submitted vide proposal no SIA/UK/INFRA2/427607/2023on dated 29th April, 2023by the project proponent. The committee observed that the proponent is seeking Environmental Clearance for Proposed Installation of DG Set & Enhancement in Production Capacity. 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	Plastic Moulding & Assembling of Washing Machine- 1 Lac/Month
2.	Estimated Project Cost	94.0 Cr.
3.	Total Plot Area	13039 Sq. M.
4.	Proposed Green Area	1230 Sq. m
5.	Proposed Green Area	1230 Sq. m
6.	Fresh Water Consumption	23.0 KLD
7.	Fresh Water Source	Borewell
8.	Power Demand	800 KVA
9.	Power back up	910 KVA
10.	Wastewater Management	Proposed STP (Capacity – 50.0 KLD)
11.	Steam and heating system	
12.	Fuel Consumption	

Land use details:

S.No	Parameters	Description
1.	Ground Coverage	5299 Sq.M
2.	Road and Paved area	
3.	Parking area	
4.	Green Area	1230 Sq.M
5.	Switchyard [OTS]	
6.	Future Expansion Area	
	Total Plot Area	13039 Sq. M. Sq.m

Raw material details:

S.No	Major Raw Material	Avg. consumption per month	Source	Mode of Transport
1.	PP	1950 MT/Month		Road
2.	ABS	750 MT/Month		Road
3.	HIPS	150 MT/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]	1000		30.0	24.0
2	Flushing water				
3	Canteen Facility				
4	Housekeeping				
5	Gardening	1230.0 Sq.M		12.0	
	Total			42	24.0

Industrial Water Demand and Effluent Generation:

S.No.	Uses	Water requirement [KLD]	Effluent Generation [KLD]
1	Process - Boiler Chiller	50.0	47.0
2	Cooling Tower make up		

3	Laboratory		
4	APC devices [Fume scrubber]		
5	Rejects from Water Treatment		
	Total	50.0	47.0

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]	3.0 MTPA	Sent To TSDF

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 white 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.
- 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 –8

Online proposal No.	SIA/UK/MIS/267878/2022
Name of the Project	Proposed construction of Affordable Housing Project at Khata No-00004, Khasra No- 611, 610, 609 Village- Mahuakhedaganj, Tehsil-Kashipur, Dist- Udham Singh Nagar.
Name & Address of Proponent	M/s Aliya Enterprises by Shri Asif Hussain (Director)
Whether New/Expansion Project	New
Total Plot Area	20,184.82 m^2
Builtup Area	23,468.24 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/267878/2022 on dated 14th April, 2023by the project proponent. The committee observed that the proponent is seeking Environmental Clearance for Proposed construction of Affordable Housing Project. The proponent has submitted detailed project related information in Form 1, Form 1-A, Conceptual Plan.

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

Proposal –9

Online proposal No.	SIA/UK/MIS/267906/2022

Name of the Project	Proposed construction of Affordable Housing Project at Khata no. 00130, Khasra no. 708K & 709K, Khata no. 00050 no. Khasra no. 708GA Vill. Shimla Pistor, Pargana - Rudrapur, Teh. - Rudrapur, Dist- Udham Singh Nagar.
Name & Address of Proponent	M/s Shri Padmavati Balaji Pvt. Ltd. by Shri Asif Hussain (Director)
Whether New/Expansion Project	New
Total Plot Area	19,580.00 m^2
Built up Area	23,823.16 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/267906/2022 on dated 14th April, 2023by the project proponent. The committee observed that the proponent is seeking Environmental Clearance for Proposed construction of Affordable Housing Project.The proponent has submitted detailed project related information in Form 1, Form 1-A, Conceptual Plan.

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

Proposal –10

Online proposal No.	SIA/UK/MIS/268130/2022
Name of the Project	Proposed construction of Affordable Housing Project at Khasra no. 20, Village- Shyam Nagar, Tehsil- Gadarpur, Dist- Udham Singh Nagar.
Name & Address of Proponent	M/s Rajesh Kumar Gupta by Shri Rajesh Kumar Gupta (Proprietor)
Whether New/Expansion Project	New
Total Plot Area	20,234.00 m^2
Built up Area	29,403.1 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/268130/2022 on dated 15th April, 2023by the project proponent. The committee observed that the proponent is seeking Environmental Clearance for Proposed construction of Affordable Housing Project. The proponent has submitted detailed project related information in Form 1, Form 1-A, Conceptual Plan.

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

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

Proposal – 1

Online proposal No.	SIA/UK/INFRA2/426575/2023
Name of the Project	Affordable Housing Project under violation at Khasra No. 33 Min Village- Shikarpur, Pargana- Manglaur, Tehsil- Roorkee Dist- Haridwar.
Name & Address of Proponent	M/s Lakshmi ConstructionCompany by Shri Sachin Tyagi (Proprietor)
Whether New/Expansion Project	New
Total Plot Area	16,165.00 m^2
Total Built up Area	25,138.00m^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/INFRA2/426575/2023on dated 19thApril, 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-3)** to the proponent for preparation of EIA report. The Project Proponent shall obtain clearance under the Wildlife (Protection) Act, 1972 from the competent Authority as may be applicable to this project. The Project Proponent shall follow all relevant directions/orders issued by Hon'ble High Court/NGT/ Supreme Court.

(Shri S.S. Bist)
Chairman,SEAC

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

(Dr. Ashutosh Gautam)
Member,SEAC

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

(Shri Nitish Mani Tripathi)
Member Secretary, SEAC

Annexure-01

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

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

20) Training shall be imparted to all employees on safety and health aspects of handling of chemicals. Pre-employment and routine periodical medical examinations for all employees shall be undertaken on regular basis.

21) A separate Environmental Management Cell equipped with full fledged laboratory facilities shall be set up to carry out the Environmental Management and Monitoring functions.

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

23) Rainwater harvesting for surface run off shall be ensured. Before recharging the surface run off, pre treatment must be done to remove suspended matter, oil and other particles.

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

25) One third of the total project site area shall be converted into green belt. The green belt shall not include kitchen garden, flower pots and grasses/herbs in the area. It shall comprise of tree stand of aesthetic/fruit/timber value. Quality planting material shall be used during plantation in consultation with State Forest Department. The species should include criterion of fruit bearing and fast growth.

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

27) The project proponent shall undertake in eco-developmental measures including community welfare measures in the project area for the overall improvement of the environment.

28) The project proponent shall ensure compliance to provisions of the all Acts, Rules, Regulations and Guidelines, for the time being in force, as applicable to the project.

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

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Annexure-02

1.1. Consent to Establish shall be obtained from Uttarakhand Pollution Control Board under relevant provisions of Central Air Act and Central Water Act before starting up of any construction activity at the site

1.2. No further expansion or modifications in the plan shall be carried out without the prior approval of competent authority.

1.3. The Site Lay out plan and Building plan should have been approved by the concerned Department/Agency of the State Government before work start up at the construction site. The structural design and other aspects of the building shall comply with guidelines of National Building Code. This shall be ensured by concerned Department of State Government/Accredited Agencies

1.4. The building plan and structural design shall comply with requirements of Seismic Zone – IV as outlined in National Building Code

1.5. The topsoil excavated during construction work shall be used for backfilling/landscape development/green belt development. The same shall not be disposed off outside the boundaries of project site without approval of Competent Authority

1.6. The onsite levelling and dressing should ensure minimal vegetation clearing and soil erosion. If necessary organic mulching should be done to avoid soil erosion. There shall not be any felling of green trees for the purpose of this project

1.7. The disposal of muck should adhere to standards of general safety and health concerns of local people and also it should have no adverse effect on the neighbouring community. The muck shall not be disposed off in adjoining forest areas without meeting requirements of Forest (Conservation) Act, 1980.

1.8. Temporary storage units should be erected in the construction site and transportation of construction materials shall be restricted to non-peak hours. The dust pollution shall be suppressed by regular water sprinkling

1.9. The use of ready mixed concrete/premised concrete, curing agents and other such practices shall be adopted to minimize use of water on site

1.10. All stacking and loading areas should be provided with proper 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. The capacity of DG sets shall not exceed capacity 3 no's(200×1 KVA and 83×2 KVA) and it should have stack height complying with CPCB norms.

1.14. Fixtures of showers, toilet flushing and drinking should be of low flow either by use of aerators or pressure reducing devices/sensor based control. Dual plumbing system shall be installed separately for fresh water and waste water.

1.15. The use of glass may be reduced by upto 40 percent to reduce the electricity consumption and load on air conditioning. If necessary then use of high quality double glass may be encouraged with special reflective coating in windows.

1.16. The use of LED and such other power saving devices shall be maximized. Common areas and landscape areas shall be illuminated with solar lighting system. At least 10 percent of the total power requirement after completion of construction unit shall be met from solar energy.

1.17. Opaque wall should meet prescriptive requirement as per Energy Conservation Building Code, 2006 which is proposed to be mandatory for all air-conditioned spaces while non air-

conditioned spaces should have appropriate thermal insulation materials. The U values of the roof, external wall and fenestration shall also meet specifications of ECBC, 2006.

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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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".