

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

Letter No: 31/SEAC
Dated: 26th July, 2023

The Second day of the 11th meeting of the Uttarakhand State Level Expert Appraisal Committee (SEAC) was held on 26th July, 2023 at the SEIAA/SEAC office Dehradun. The following were present at the meeting –

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| 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 (Attended Online) |

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

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

Proposal – 1

Online proposal No.	SIA/UK/INFRA2/419087/2023
Name of the Project	Proposed Installation of RBM Screening Plant having capacity of 70 TPH along with 250 KVA DG set at Khasra No. 212/2, 212/1 & 215, Village- Fatehpur Tanda, Parwadun, Tehsil- Doiwala, District- Dehradun
Name & Address of Proponent	M/s Sand N Stone (Screening Plant) by Shri Gurnam Singh (CEO)
Whether New/Expansion/Modernization Project	New
Total Plot Area	0.936 m ²
Project Category	B2, (Orange Category as per Doon Valley Notification 1989 & 2020)

The project was submitted vide proposal no SIA/UK/INFRA2/419087/2023 on dated 20th February, 2023 by the project proponent. The committee observed that the proponent is seeking Environmental Clearance for Proposed Installation of RBM Screening Plant having capacity of 70 TPH along with 250 KVA DG. The committee observed that this project activity is covered under Orange Category as per the Doon Valley Notification 1989 (as amended). The proponent has submitted detailed project related information in Form 1, Pre Feasibility Report and EMP.

The project proponent has requested SEAC vide his letter dated- 20.07.2023 to defer this proposal as the project proponent is unable to present the case due to unavoidable circumstances. Hence with the permission of the chair, the committee decided to defer the project.

Proposal – 2

Online proposal No.	SIA/UK/INFRA2/425479/2023
Name of the Project	Expansion and modification of Existing Hotel, Restaurant & Others Amenities at Khasra no. 268/293, Laxman Jhula, Tapovan, Tehri Garhwal.
Name & Address of Proponent	M/s Laxman Jhula Divine Resorts(a unit of S.N. Forestry Limited) by Shri Ajay Singh (Proponent)
Whether New/Expansion Project	New
Total Plot Area	3903.34 m ²

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Total Covered Area	5100.00 m ²
Project Category	8(a) enlisted in project /activity as per EIA Notification, 2006

The project was submitted vide proposal no SIA/UK/INFRA2/425479/2023 on dated 10th April, 2023 by the project proponent. The committee observed that the proponent is seeking Environmental Clearance for Expansion and modification of Existing Hotel, Restaurant & Others Amenities. 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 Natureanalytica Envirocare Solutions Pvt. Ltd. and project was presented by Shri O.P. Shukla, EIA Coordinator.** The details of the project are as follows:-

S.No	Parameters	Description
1.	Plot Area	3903.34 Sq. m
2.	Proposed Built Up Area	5100.50 Sq. m
3.	Total no of Saleable DU's	NA
4.	Total EWS Unit	Guest Rooms – 80 Nos. Kitchen – 02 Nos. Restaurant – 01 No. Spa Rooms – 04 Nos. Halls – 01 No. Laundry – 01 No. Swimming pool – 01 No.
5.	Max Height of Building (Upto Terrace)	25 meter
6.	Max No of Floors	(G+7 floors)
7.	Cost of Project	150 Lakhs
8.	Expected Population	350 (approx)
9.	Proposed Ground Coverage Area	-
10.	Proposed FAR Area	-
11.	Total Water Requirement	104.375Kld
12.	Fresh water requirement	34.25Kld
13.	Waste water Generation	40Kld
14.	Proposed STP Capacity	80 Kld
15.	No of RWH of Pits Proposed	02 Nos.
16.	Total Proposed Parking	75 ECS
17.	Proposed Green Area (15.14% of Plot Area)	780 Sq m
18.	Municipal Solid Waste Generation	142.5 Kg/day
19.	Total Power Requirement	520 KVA
20.	DG set backup	2 No's(1 x 200 KVA & 1 x 320 KVA)

Salient features details:

S.No.	Parameters	Description
GENERAL		
1.	Plot Area	3903.34 Sq. m
2.	Proposed Built Up Area	5100.50 Sq. m
3.	Number of Building Blocks	
4.	Total no of Saleable DU's	-
5.	Max Height of Building (Upto Terrace)	25 meter
6.	Max No of Floors	(G+7 floors)
7.	Cost of Project	150 Lakhs
8.	Expected Population	350 (approx)
9.	Permissible Ground Coverage Area (@40%)	-
10.	Proposed Ground Coverage Area	-
11.	Permissible FAR Area (@400)	-
12.	Proposed FAR Area	-
13.	Proposed NoN FAR Area	-
14.	Proposed Built Up Area	5100.50 Sq. m
WATER		
15.	Total Water Requirement	104.375 Kld
16.	Fresh water requirement	34.25 Kld
17.	Waste water Generation	40 Kld

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18.	Proposed STP Capacity	80 Kld
19.	Treated Water Available for Reuse	32 Kld
20.	Recycled Water used	17 Kld
21.	Surplus Treated water	15 Kld
RAIN WATER HARVESTING		
22.	Rain Water Harvesting Potential	20 Cum
23.	No. of RWH of Pits Proposed	02
PARKING		
24.	Total Parking Required as per building Bye Laws	-
25.	Total Proposed Parking	75 ECS
26.	Proposed Surface Parking	-
27.	Proposed Stilt/Podium Parking	-
28.	Proposed Basements Parking	-
GREEN AREAS		
29.	Required Green Area	780 m ²
30.	Proposed Green Area	780 m ²
WASTE GENERATION		
31.	Municipal Solid Waste Generation	142.5 Kg/day
32.	Bio Degradable waste	85.5 Kg/day
33.	Quantity of Sludge Generated from STP	5 Kg/day
POWER		
34.	Total Power Requirement	520 KW
35.	DG set backup	2 no's(1 x 200 KVA & 1 x 320 KVA)

Land use details:

S.No	Parameters	Description
1.	Ground Coverage Area	-
2.	Green Area	780 m ²
3.	Road/Paved Parking Area	-
4.	Other Open Area	-
5.	Total Plot Area	3903.34 Sq. m

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

- The Project proponent has submitted approval of hotel buildings from Haridwar Vikas Pradhikarandated-08.06.1990. In case of any further change in the proposed layout plan of the Hotel drawing the Project Proponent shall inform the SEIAA and shall seek modified Environmental Clearance.
- **The committee is of the view that this EC is valid for internal alteration and modification only. No new construction/expansion is to be carried out further.**
- Project Proponent shall comply green building norms.
- Project Proponent shall install solar panel in its roof top premises.
- Project Proponent shall strengthen green belt by planting more trees in the vacant space.
- The project proponent shall upgrade ETP & STP.
- The Project proponent shall submit an affidavit pertaining to the proper disposal of solid waste through municipal body/ NGO. In case the project proponent is unable to dispose of the solid waste through municipal body/ NGO then in this case the project proponent shall develop composting unit on its own expenditure and desired budgetary provision shall be made for it.
- The Project Proponent shall obtain clearance under the Wildlife (Protection) Act, 1972 from the competent Authority as may be applicable to this project.
- Construction site shall be adequately barricaded before the construction begins dust smoke and other air pollution measures shall be provided for the building as well as the site, these measures shall include screens for the building under construction continuous dust/wind breaking walls around the site (at least 3 meters high).
- 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

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- The building plan and structural design shall comply with requirements of Seismic Zone – IV as outlined in National Building Code.
- Notification GSR 94(E) dated 25-10-2018 of MOEF&CC regarding mandatory implementation of Dust Mitigation Measures for construction and Demolition activity for projects requiring Environmental Clearance shall be complied with.
- The disposal of muck should adhere to standards of general safety and health concerns of local people and also it should have no adverse effect on the neighbouring community.
- DG Set shall be used only as backup power. The capacity of the proposed DG set shall not exceed 1 DG set of 320 KVA & 1 DG set of 200 KVA and it should have stack height complying with CPCB norms.
- Fixtures of showers, toilet flushing and drinking should be of low flow either by use of aerators or pressure reducing devices/sensor based control. Dual plumbing system shall be installed separately for fresh water and waste water.
- The use of glass may be reduced by upto 40 percent to reduce the electricity consumption and load on air conditioning. If necessary then use of high quality double glass may be encouraged with special reflective coating in windows.
- The use of LED and such other power saving devices shall be maximized. Common areas and landscape areas shall be illuminated with solar lighting system. At least 40 percent of the total power requirement after completion of construction unit shall be met from solar energy.
- Rainwater harvesting for roof top and surface run off should be ensured as per the plan submitted. Before recharging the surface run off, pre treatment must be done to remove suspended matter, oil and other particles. The bore well for rain water recharging should be kept at 5 meters above the highest ground water table.
- One third of the total project site area shall be converted into green belt. The green belt shall not include kitchen garden, flower pots and grasses/herbs in the area. It shall comprise of tree stand of aesthetic/fruit/timber value. Quality planting material has to be used during plantation as per standards of State Forest Department.
- Acoustic enclosures shall be provided with all construction machineries and DG sets on site complying with Noise Levels of CPCB standards. The ambient air quality and noise levels as per CPCB norms shall be ensured through a monitoring system as approved by UKPCB.
- The construction debris may be used for land fill or disposed through authorized vendors. The Hazardous substances generated during construction activity shall be disposed off as required by Hazardous Waste (Management, Handling) Rules, 1989 (as amended from time to time). Efforts shall be maximized for use of low toxicity substitutes and low VOC materials.
- The vehicles used at the construction site should comply with emission norms and noise level standards of CPCB and State Transport Department. They should be operated only during non peak hours.
- All necessary efforts shall be made to ensure safety and hygiene of workforce. First Aid facility shall be established and trained manpower to deal with emergency cases shall be engaged. The labour force engaged on site shall be screened for health from time to time.
- Adequate drinking water and sanitation facility has to be provided on site for the workforce. Provision should be made for supply of domestic fuel to the workforce so that they do not remain dependent on adjoining forest areas for fuel wood.
- The fire safety arrangements and emergency exit plan should be as per the norms of the concerned regulatory authority/agency.
- The entire site after construction activities should carry signages of garbage collection points, environment awareness etc.
- The proponent shall ensure safety measures against river meandering. It shall also undertake river meandering study in the locality and then construct suitable protective structures for river training
- Any wastes from construction and demolition activities related thereto shall be managed so as to strictly conform to the Construction and Demolition Rules, 2016.
- All workers working at the construction site and involved in loading, unloading carriage of construction material and construction debris or working in any area with dust pollution shall be provided with dust mask.
- Emergency preparedness plan based on the Hazard identification and Risk Assessment (HIRA) and Disaster Management Plan shall be implemented.
- A first aid room shall be provided in the project both during construction and operations of the project.

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- 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 80 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 half-yearly compliance report of stipulated conditions of Environment Clearance in soft copy through PARIVESH PORTAL given link: <https://parivesh.nic.in>. Yearly monitoring of ground water table and quality should be carried out and should be submitted to SEIAA and UKPCB, Uttarakhand.
- No further expansion or modifications in the plant shall be carried out without prior approval of the Ministry of Environment, Forests and Climate Change (MoEF&CC)
- The above conditions shall be enforced, inter-alia under the provisions of the Water (Prevention & Control of Pollution) Act, 1974, the air (Prevention & Control of Pollution) Act, 1981, the Environment (Protection) Act 1986, Hazardous and other Wastes (Management and Tranboundary Movement) Rules, 2016 and the Public Liability Insurance Act, 1991 along with their amendments and Rules and any other orders passed by the Hon'ble Supreme Court of India/High Courts and any other Court of Law relating to the subject matter.
- Project Proponent will operate on the principle of zero liquid discharge.
- Project Proponent will submit water balance chart especially in relation to maintaining zero liquid discharge.
- The Project Proponent shall follow all relevant directions/orders issued by Hon'ble High Court/NGT/ Supreme Court.
- Under CER, Project Proponent apart from other activities, will also install Solar lights and distribute forest fire fighting equipments to the local groups (Mahilamangal dal/ Yuvakmangal dal/ Vanpanchayat) in the adjoining villages close to forest areas in consultation with local Forest Officials. The project proponent will also strengthen the nearest government primary school in terms of infrastructure and other desired facilities.

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

Proposal – 3

Online proposal No.	SIA/UK/MIN/415043/2023
Site Details	Extraction of Sand/Bajri/Boulder at Khasra No- 2152-2154, 2196, 2899-2914, 3003-3005, 3316, 3435, Village -Naithana, Patti- Chauras, Tehsil - Kirtinagar, District- Tehri Garhwal.
Name & Address of	M/s Kilkileshwar Mining Company by Shri Satye Singh Rama, R/o-

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Proponent	KailashGate Muni-Ki-Reti, District- Tehri Garhwal.
Coordinates	Lat - 30°13'41.86"N to 30°13'43.247"N Long- 78°46'21.14"E to 78°46'21.767"E
Mining Lease Area	9.72Ha.
Category	B1 & 1(a) enlisted in project /activity as per EIA Notification, 2006

The project was submitted vide proposal no SIA/UK/MIN/415043/2023 on dated 25th May, 2023 by the project proponent. The committee observed that proponents seek Environmental Clearance for extraction of Sand/Bajri/Boulder in accordance with the provisions of EIA Notification, 2006 as enlisted in Schedule 1(a). The committee observed that the ToR was granted by the SEAC in its meeting dated- 08.07.2021, the ToR letter was issued vide letter No.- 230/SEAC dated-15.07.2021 and the public hearing was conducted on dated-30.05.2022. The project proponent has now submitted final EIA report consisting of chapters including description of environment, anticipated environmental impact and mitigation majors, environmental monitoring programme, project benefits, Disclosure of Consultants Engaged EMP etc.

The Committee is of the view that due to unavailability of updated District Survey Report (DSR) of concerned District, the present case is deferred till the approved DSR is made available to SEAC.

Proposal – 4

Online proposal No.	SIA/UK/MIN/415250/2023
Site Details	Extraction of Sand, Bajari and Boulder at Vill-Ranihat, Patti- Chauras, Tehsil - Keertinagar District- Tehri Garhwal.
Name & Address of Proponent	Smt. Sushila Devi W/o Shri Sateye Singh R/o- Muni Ki Reti, District- Tehri Garhwal
Coordinates	Pillar wise (A to G) Lat - 30°12'34.965"N to 30°13'33.540"N Long- 78°46'0.327"E to 78°46'59.18"E
Mining Lease Area	10.65 Ha.
Category	B1 & 1(a) enlisted in project /activity as per EIA Notification, 2006

The project was submitted vide proposal no SIA/UK/MIN/415250/2023 on dated 25th May, 2023 by the project proponent. The committee observed that proponents seek Environmental Clearance for extraction of Sand/Bajri/Boulder in accordance with the provisions of EIA Notification, 2006 as enlisted in Schedule 1(a). The committee observed that the ToR was granted by the SEAC in its meeting dated- 08.07.2021, the ToR letter was issued vide letter No.- 229/SEAC dated- 15.07.2021 and the public hearing was conducted on dated- 31.05.2022. The project proponent has now submitted final EIA report consisting of chapters including description of environment, anticipated environmental impact and mitigation majors, environmental monitoring programme, project benefits, Disclosure of Consultants Engaged EMP etc.

The Committee is of the view that due to unavailability of updated District Survey Report (DSR) of concerned District, the present case is deferred till the approved DSR is made available to SEAC.

Proposal – 5

Online proposal No.	SIA/UK/MIN/415495/2023
Site Details	Extraction of Sand/Bajri/Boulder at Khata No: 109: Khasra No:1, 17 22ma, 23ma, 84ma, Village-Jhalakudi, Tehsil- Poornagiri District- Champawat.
Name & Address of Proponent	M/s Kumaon Mandal Vikas Nigam Limited (KMVN) Oak Park House, Mallital, Nainital.
Coordinates	Pillar wise- A to L Lat-29°11'47.70"N to 29°11'46.40"N Long- 80°3'27.21"E to 80°3'29.90"E
Mining Lease Area	5.83 Ha.
Category	B1 & 1(a) enlisted in project /activity as per EIA Notification, 2006

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The project was submitted vide proposal no SIA/UK/MIN/415495/2023 on dated 25th May, 2023 by the project proponent. The committee observed that proponents seek Environmental Clearance for extraction of Sand/Bajri/Boulder in accordance with the provisions of EIA Notification, 2006 as enlisted in Schedule 1(a). The committee observed that the ToR was granted by the SEAC in its meeting dated- 30.09.2021, the ToR letter was issued vide letter No.-245/SEAC dated- 08.10.2021 and the public hearing was conducted on dated-28.06.2022. The project proponent has now submitted final EIA report consisting of chapters including description of environment, anticipated environmental impact and mitigation majors, environmental monitoring programme, project benefits, Disclosure of Consultants Engaged EMP etc.

The Committee is of the view that due to unavailability of updated District Survey Report (DSR) of concerned District, the present case is deferred till the approved DSR is made available to SEAC.



(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
(Attended Online)

Annexure-01

- 1.1. Consent to Establish shall be obtained from Uttarakhand Pollution Control Board under relevant provisions of Central Air Act and Central Water Act before starting up of any construction activity at the site
- 1.2. No further expansion or modifications in the plan shall be carried out without the prior approval of competent authority.
- 1.3. The Site Lay out plan and Building plan should have been approved by the concerned Department/Agency of the State Government before work start up at the construction site. The structural design and other aspects of the building shall comply with guidelines of National Building Code. This shall be ensured by concerned Department of State Government/Accredited Agencies
- 1.4. The building plan and structural design shall comply with requirements of Seismic Zone – IV as outlined in National Building Code
- 1.5. The topsoil excavated during construction work shall be used for backfilling/landscape development/green belt development. The same shall not be disposed off outside the boundaries of project site without approval of Competent Authority
- 1.6. The onsite levelling and dressing should ensure minimal vegetation clearing and soil erosion. If necessary organic mulching should be done to avoid soil erosion. There shall not be any felling of green trees for the purpose of this project
- 1.7. The disposal of muck should adhere to standards of general safety and health concerns of local people and also it should have no adverse effect on the neighbouring community. The muck shall not be disposed off in adjoining forest areas without meeting requirements of Forest (Conservation) Act, 1980.
- 1.8. Temporary storage units should be erected in the construction site and transportation of construction materials shall be restricted to non-peak hours. The dust pollution shall be suppressed by regular water sprinkling
- 1.9. The use of ready mixed concrete/premised concrete, curing agents and other such practices shall be adopted to minimize use of water on site
- 1.10. All stacking and loading areas should be provided with proper garland drains equipped with baffles to prevent runoff from the site to enter any adjoining water body. Construction spoils including bituminous materials must not be allowed to contaminate watercourse and dumpsites as such materials leach into ground water.
- 1.11. The water requirement during construction phase shall be met from regular water supply/private tankers. There shall be no extraction of ground water and water requirement for the project in operational phase shall be met entirely from private tankers. Construction work requiring water shall not be carried out during 30th April to 15th June in the year
- 1.12. The soil and groundwater samples shall be tested from accredited agencies and it shall be ensured that they comply with CPCB standards so as to ensure that there is no threat to groundwater quality by leaching of heavy metals and toxic contaminants.
- 1.13. DG Sets shall be used only as backup power and it should have stack height complying with CPCB norms.
- 1.14. Fixtures of showers, toilet flushing and drinking should be of low flow either by use of aerators or pressure reducing devices/sensor based control. Dual plumbing system shall be installed separately for fresh water and waste water.
- 1.15. The use of glass may be reduced by upto 40 percent to reduce the electricity consumption and load on air conditioning. If necessary then use of high quality double glass may be encouraged with special reflective coating in windows.
- 1.16. The use of LED and such other power saving devices shall be maximized. Common areas and landscape areas shall be illuminated with solar lighting system. At least 10 percent of the total power requirement after completion of construction unit shall be met from solar energy.
- 1.17. Opaque wall should meet prescriptive requirement as per Energy Conservation Building Code, 2006 which is proposed to be mandatory for all air-conditioned spaces while non air-conditioned spaces should have appropriate thermal insulation materials. The U values of the roof, external wall and fenestration shall also meet specifications of ECBC, 2006.
- 1.18. Rainwater harvesting for roof top and surface run off should be ensured as per the plan submitted. Before recharging the surface run off, pre treatment must be done to remove suspended matter, oil and other particles. The bore well for rain water recharging should be kept at 5 metres above the highest ground water table
- 1.19. The storm water management shall be so designed as to avoid discharge of water directly to the forest areas/adjoining locality which may lead to water logging in nearby areas. The storm water shall be put to use for recharging of aquifers and also pond creation within the campus

- 1.20. One third of the total project site area shall be converted into green belt. The green belt shall not include kitchen garden, flower pots and grasses/herbs in the area. It shall comprise of tree stand of aesthetic/fruit/timber value. Quality planting material has to be used during plantation as per standards of State Forest Department.
- 1.21. Acoustic enclosures shall be provided with all construction machineries and DG sets on site complying with Noise Levels of CPCB standards. The ambient air quality and noise levels as per CPCB norms shall be ensured through a monitoring system as approved by UEPPCB.
- 1.22. The construction debris may be used for land fill or disposed through authorized vendors. The Hazardous substances generated during construction activity shall be disposed off as required by Hazardous Waste (Management, Handling) Rules, 1989 (as amended from time to time). Efforts shall be maximized for use of low toxicity substitutes and low VOC materials.
- 1.23. The construction work shall be restricted to Sunrise to Sunset period in a day. Any construction activity beyond this period shall be subject to approval of Competent/Designated Authority from time to time.
- 1.24. The vehicles used at the construction site should comply with emission norms and noise level standards of CPCB and State Transport Department. They should be operated only during non peak hours.
- 1.25. All necessary efforts shall be made to ensure safety and hygiene of workforce. First Aid facility shall be established and trained manpower to deal with emergency cases shall be engaged. The labour force engaged on site shall be screened for health from time to time.
- 1.26. Adequate drinking water and sanitation facility has to be provided on site for the workforce. Provision should be made for supply of domestic fuel to the workforce so that they do not remain dependent on adjoining forest areas for fuel wood.
- 1.27. The use of plastics during construction activity shall be bare minimum and efforts to use timber substitute materials should be maximized.
- 1.28. The fire safety arrangements and emergency exit plan should be as per the norms of the concerned regulatory authority/agency.
- 1.29. The entire site after construction activities should carry signages of garbage collection points, environment awareness etc.
- 1.30. A STP shall be installed for treating waste water upto permissible standards and complying with parameters of CPCB/UEPPCB guidelines & no treated waste water is allowed to take outside the premises for any uses.
- 1.31. Guidelines of Municipal Solid Waste (Management & Handling) Rules, 2000 (as amended from time to time) should be followed for disposal of solid waste. Two bin collection system for bio degradable and non bio degradable waste should be adopted. Bio degradable waste shall be sent to composting pit and non biodegradable/inert waste disposed off through authorized recyclers. STP sludge shall be dried and used as organic manure.
- 1.32. Energy consumption measures like installation of LED/TFLS for the external lighting area should be ensured. The disposal of used LED/TFLS should be properly collected and disposed off as per the prevailing guidelines/rules of the regulatory authority to avoid mercury contamination.
- 1.33. DG sets shall be used only in emergency purpose. The use of solar energy and inverter shall be ensured and maximized as backup power.
- 1.34. Solar panel/energy should be encouraged/installed in the premises.
- 1.35. The project proponent shall ensure compliance to provisions of the all Acts, Rules, Regulations and Guidelines from time to time in force, as applicable to the project.
- 1.36. The project proponent shall also submit six monthly reports on the status of the compliance of the stipulated E.C conditions including results of monitored data to this Authority and Integrated regional office of MoEF&CC, Govt of India at Dehradun.

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