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State Expert Appraisal Committee Add. Chief - Secy " Cum PCCF Forest and Environment Deptt. Govt. of
Sikkim Forest Secretariat Block " A, Deorali - 737101
(Sikkim)
Minutes of SEAC Meeting
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Subject:- Agenda: 1. Scrutiny of proposal 2. Determination & finalization of terms of reference (TOR) 3. Any other issue

Venue:- Tragopan Meeting hall/ Sidkeong Tulku Conference Hall, Forest And Environment Government of Sikkim, Deorali-737102

From :- 31 Aug 2021

To :- 31 Aug 2021

Date :- 01 Oct 2021

(1.) Proposal No. :- SIA/SK/MIS/216255/2021 File No- 214/Env. & E & Sc

Type- EC

INTRODUCTION

The proponent made online application vide proposal no. SIA/SK/MIS/216255/2021 dated 22 Jun 2021 along with copies of EIA/EMP seeking environment clearance under the provisions of the EIA Notification, 2006 for the above mentioned project. The proposed project activity is listed at SL.No. , under Category " " of EIA Notification 2006 and the proposal is appraised at State level.

PROJECT DETAILS

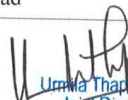
The project of M/s UDD GOVT OF SIKKIM located in as follows :

State of the project				
S. No.	State	District	Tehsil	Village
(1.)	Sikkim	North	Mangan	Ringdang

The production details / project configuration is as follows :

Project configuration/product details						
S. No.	Project configuration/product details	Quantity	Unit	Other Unit	Mode of Transport/Transmission of Product	Other Mode of Transport
(1.)	16 TPD	5340	1		Road	

Raw Material Requirement is as follows :


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Forest Env. & W/L Mangt. Deptt.
Govt. of Sikkim

Raw Material Requirement details								
S. No.	Item	Quantity per annum	Unit	Other Unit	Source	Mode of Transport/Transmission of Product	Other Mode of Transport	Distance of Source from Project Site(Kilometers)
(1.)	RCC	2503	6		Ranipool	Road		85

DELIBERATION IN SEAC

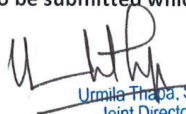
After detailed deliberations, the committee observed:- Based on the presentation and documents Furnished by the project proponent, SEAC decided to recommend the proposal for the grant of Environmental Clearance in addition to normal condition- 1.) Project Proponent to submit 10 km radius map from KNP. 2.) Soil Fragility report to be furnished by Project Proponent. 3.) Wildlife Management plan to be included along with EMP. 4.) Biomedical and Hazardous waste plan of the district to be submitted which cannot be mixed at SWM site.

RECOMMENDATIONS OF SEAC

The committee's recommendation: Based on the presentation and documents Furnished by the project proponent, SEAC decided to recommend the proposal for the grant of Environmental Clearance in addition to normal condition- 1.) Project Proponent to submit 10 km radius map from KNP. 2.) Soil Fragility report to be furnished by Project Proponent. 3.) Wildlife Management plan to be included along with EMP. 4.) Biomedical and Hazardous waste plan of the district to be submitted which cannot be mixed at SWM site.

Conclusion

Recommended


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Member Secretary Condition

Specific Condition

S.No	Condition
(1)	1) Submit a 10 km , radius map (on survey of India Topo sheet)showing co-ordinates of project site. 2) Examine and submit details of storm water/ leachate collection from the composted area. 3) Examine and submit details of Alternative Technologies viz. RDF shall also be evolved. 4) Examine and submit details of monitoring of water quality around the landfill site. Water Analysis shall also be included of nitrate and phosphate. 5) Examine and submit details of the odour control measure. 6) Examine and submit details of impact water bodies/river/ponds and mitigate measure during rainy season. 7) submit a copy of the layout plan of project site showing solid waste storage, green belt(width & length, 33% of the project area), all roads, prominent wind direction, processing plant &building etc. should be provided. 8) Submit a copy of the land use certificate from the competent authority. 9) Submit a copy of the status of ambient air quality and surface and ground water quality, soil type, cropping pattern, land use pattern, socio-economic status, anticipated air and water pollution. 10) Submit a copy of the topography of the area indicating whether the site requires any filling, if so, the details of filling, quantity of fill material required, its source and transportation, etc. 11) Examine and submit the details of impact on the drainage and nearby habitats/settlements(surroundings). 12) Examine and submit the details of surface hydrology and water regime and water regime and impact on the same. 13) Examine and submit the details of one complete season AAQ data (except monsoon) with the dates of monitoring, impact of the project on

the AAQ of the area(including H₂S, CH₄). 250 14) Submit Wildlife Management Plan 15) Submit Environmental Management Plan. 16) Submit Soil Fragility/ Stability Report 17) Biomedical And Hazardous waste plans of the district to be submitted which cannot be mixed at SWM site.


And also enclosed as **Annexure-I**

The proposal was considered by Expert Appraisal Committee in its **Agenda: 1. Scrutiny of proposal 2. Determination & finalization of terms of reference (TOR) 3. Any other issue** the meeting held during **31 Aug 2021 to 31 Aug 2021**. After detailed deliberation the committee recommended for grant of Environment Clearance subject to Specific and General conditions.

Minutes of SEAC Meeting Dated 27/09/2021

The Meeting of SEAC was held in the Environment Circle of Forest Secretariat through dual mode (physically/virtually) at 11:30 AM on 27/09/2021. Following Members participated in the meeting.

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|----------------------------|----------------------------|
| 1. Shri H.P Pradhan | Chairman SEAC |
| 2. Shri B.B Gurung | Member Secretary SEAC |
| 3. Shri Pradhumna Shrestha | Member SEAC |
| 4. Shri Tshering Tashi | Member SEAC |
| 5. Smt. Urmila Thapa | Joint Director/Environment |
| 6. Dr. Satya Deep Chettri | Member SEAC |
| 7. Dr. Dinesh Agarwal | Member SEAC |
| 8. Chandan Kumar | Master Trainer |


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The Chairman welcomed all the members and informed the house about the Solid Waste Management project at Ringdang, North Sikkim.

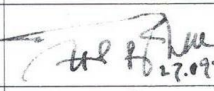
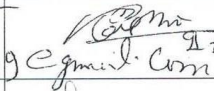
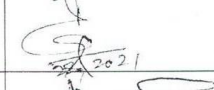
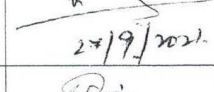
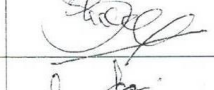
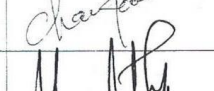
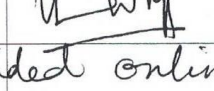
1. The user Agency re-submitted the SWM Project Proposal on 10th August 2021.
2. The local inhabitants (Community) residing in and around 05 (five) KM radius of the proposed project area must furnished their consent (N.O.C) to SEAC with due recommendation of concerned District Collector.
3. The SEAC recommends the proposal To SEIAA subject to strict compliance of following condition by the User Agency :
 - (i) The solid waste disposal in Eco-sensitive Zone shall be carried out as per the provision of the Municipal Solid Waste(Management and Handling) Rules, 2000 published by the Government of India in the Ministry of Environment , Forest and Climate Change vide notification number S.O 908(E), dated 25th September 2000.
 - (ii) The Biomedical waste disposed in the Eco-sensitive zone shall be carried out as per the provision of the Bio Medical Waste (management and Handling) Rules 1998 published by the government of India in the Ministry of Environment Forest and Climate Change vide Notification number S.O. 630(E), dated 20th July, 1998
 - (iii) Structural Engineers also be engaged along with Government Engineers.
 - (iv) The User Agency should prepare Environmental Management Plan (EMP) to formulate measures which will mitigate adverse impacts on various environmental components being identified during the process of construction and development of the project to protect environment resources.
 - (v) In view of the Project Area being connected River Teesta and in proximity to protected Areas (PAS) like Kanchenjunga Biosphere Reserve, the User Agency should prepare Wildlife Management Plans (WLPN) to formulate measure for effective management of wildlife habitats, population, animal corridors to maintain seasonal movements of wildlife outside KNP.


- (vi) The committee in the meeting has discussed in respect of the Draft Terms of Reference (TOR) needs to be submitted by the User Agency in proper formats through medium of PARIVESH to SEAC & SEIAA for necessary scrutiny, its finalization and approval.
- (vii) Biomedical Waste cannot be mixed in the SWM site therefore, Biomedical Waste Plan, E-Waste Plan, Hazardous Waste Plan of the district be submitted and the project proponent ensure that all these wastes do not make its way into the landfill.
- (viii) All clearance like FCA, 1980 and any other clearance will have to be taken by the Project Proponent.
- (ix) Based on all Deliberations State Expert Appraisal Committee (SEAC) recommends the Solid Waste Management (SWM) Ringdang, North Sikkim, and Project to State Environment Impact Assessment Authority (SEIAA) for consideration of Environment Clearance.


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Govt. of Sikkim

Meeting of State Expert Appraisal Committee (SEAC), Sikkim

Date: 27/09/2021

Sl.No.	Name & Designation	Phone & Email	Signature
01.	H.P. Bhadani	702968801 sh.bhadani@gmail.com	 27.09.21
02.	Pradhumna Shrestha	9434193825 shrestha.p99@gmail.com	 27/9/2021
03.	TSERING TASHI	8436403523	 2021
04.	Dr. Satyadeep S. Chakraborty	9434153131	 27/9/2021
05.	B.D. Gurung, MS	943503990	
06.	Chandan	880667083	
07.	Urmila Thapa SPS		
08.	Dr. Dinesh Agarwal	(attended online)	


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