

File No: IA-J-11011/306/2022-IA-II(IND-I)

Government of India Ministry of Environment, Forest and Climate Change IA Division



Date 18/07/2023



To,

M/s CALCOM CEMENT INDIA LIMITED

Calcom Cement India Ltd. 3rd & 4th Floor, Anil Plaza II, ABC G.S. Road, Guwahati, GUWAHATI,

KAMRUP, ASSAM, , 781005

chakravarty.padmanav@dalmiacement.com

Subject:

Proposed Greenfield Clinekrisation Plant of 3.63 Million TPA capacity along with WHRS of 16 MW & DG Set of 750 kVA by M/s. Calcom Cement India Ltd. [A subsidiary of Dalmia Cement (Bharat) Ltd.], located at village 19 Kilo Umrangso, Tehsil: Umrangso, District: Dima Hasao (earlier N.C. Hills), Assam—Grant of Environmental Clearance.

Sir/Madam,

This is in reference to your application submitted to MoEF&CC vide proposal number IA/AS/IND1/425585/2023 dated 24.04.2023 for grant of prior Environmental Clearance (EC) to the proposed project under the provision of the EIA Notification 2006 and as amended thereof. Further, the PP has uploaded the information on portal on 29.05.2023.

2. The particulars of the proposal are as below:

(i) EC Identification No. EC23A1102AS5537937N

(ii) File No. IA-J-11011/306/2022-IA-II(IND-I)

(iii) Clearance Type Fresh EC

(iv) Category A

(v) **Project/Activity Included Schedule No.** 3(b) Cement plants ,1(d) Thermal Power Plants

(vi) Sector Industrial Projects - 1

Proposed Greenfield Clinekrisation Plant of 3.63 Million TPA capacity along with WHRS of 16 MW & DG Set of 750 kVA at village 19 Kilo Umrangso, Tehsil: Umrangso, District: Dima Hasao (earlier N.C. Hills), Assam by M/s. Calcom

(vii) Name of Project Umrangso, Tehsil: Umrangso, District: Dima

Cement India Ltd. [A subsidiary of Dalmia Cement

(Bharat) Ltd.]

(viii) Name of Company/Organization CALCOM CEMENT INDIA LIMITED

(ix) Location of Project (District, State)DIMA HASAO, ASSAM(x) Issuing AuthorityMoEF&CC

(xi) Applicability of General Conditions as per EIA Notification, 2006

No

- 3. In view of the particulars given in the Para 1 above, the project proposal interalia including Form-1(Part A, B and C)/ EIA & EMP Reports were submitted to the MoEF&CC for an appraisal by the EAC under the provision of EIA notification 2006 and its subsequent amendments.
- 4. The above-mentioned proposal has been considered by EAC in the meeting held on 16/05/2023. The minutes of the meeting and all the project documents are available on PARIVESH portal which can be accessed from the PARIVESH portal by scanning the QR Code above or through the following web link <u>click here</u>.
- 5. The EAC noted the following:
- 1. The instant proposal is for setting up of a New Clinkerisation Plant for production of 3.63 Million TPA (@ 11000 TPD) clinker along with 16 MW power by Waste Heat Recovery Boiler (WHRB) and DG Set of 750 KVA for emergency back-up.
- 2. The EAC noted that the TOR proposal was initially considered during the 13th meeting of the EAC for Industry-I sector held on 14-15th September, 2022. After detailed deliberation the Committee recommended for site visit of the proposed project area by a subcommittee of EAC Industry-1 members. Accordingly, the EAC (Industry-1) sub-committee conducted a site visit to M/s. Calcom Cement India Limited, Umrangso was undertaken during 30th-31st October, 2022. Based on the report of the sub-committee, the proposal was further considered and recommended for grant of ToR by the EAC (Industry 1) in its 17th meeting of the EAC for Industry-I sector held on 14-16th November, 2022. Accordingly, ToR was granted by the Ministry vide letter No. J-11011/306/2022-IA-II(I) dated 15.12.2022.
- 3. The EAC, constituted under the provision of the EIA Notification, 2006 comprising Expert Members/domain experts in various fields, examined the proposal submitted by the Project Proponent in desired format along with EIA/EMP reports prepared and submitted by the Consultant accredited by the QCI/NABET on behalf of the Project Proponent.
- 4. The EAC noted that the Project Proponent has given an undertaking that the data and information given in the application and enclosures are true to the best of his knowledge and belief and no information has been suppressed in the EIA/EMP reports. If any part of data/information submitted is found to be false/misleading at any stage, the project will be rejected and Environmental Clearance given, if any, will be revoked at the risk and cost of the project proponent.
- 5. The Committee noted that the EIA reports are in compliance of the ToR issued for the project, reflecting the present environmental status and the projected scenario for all the environmental components. The Committee deliberated on the proposed mitigation measure towards Air, Water, Noise and Soil pollutions. The Committee suggested that the storage of toxic/explosive raw materials/products shall be undertaken with utmost precautions and following the safety norms and best practices.
- 6. The total project area is 37.47 ha. Land admeasuring 280 Bighas (37.47 Ha) has been allotted to CCIL by Land & Revenue Deptt., N.C. Hills Autonomous Council, Haflong with renewable Periodic Patta No. 1007 till 31st March 2040. The present land is Council Waste (Khas) land which has been converted into industrial use.
- 7. Umrangso 19 Kilo Village is a distance of 2 km in NW direction of the project site. There are approx. 48 other villages in 10 km radius study area. The EAC is of the opinion that PP shall strictly implement the environmental safeguard measures proposed to minimise the impact on the habitation of the locals.
- 8. Amrang Nalla (0.14 km, E), Langyen Nadi (0.25 km, SE) and Langjin Nallah (1.05 km, SSW) exists adjacent to the project site. Also other water bodies such as Mongle Nadi, Langlai River, Kopili River and Umrong Reservoir exists within the study area of 10 km of the project site. The EAC is of the opinion that water bodies shall not be disturbed. Mitigation measures w.r.t. safeguarding the water bodies shall be implemented.

- 9. The EAC noted that Krungming Reserve Forest falls at a distance of 2.3 km in West direction of the project site.
- 10. The water requirement for the proposed project is estimated as 1550 m³/day, which will be sourced from surface water such as nearby flowing Longlai river, Amrang nalla, other rivers/ streams, Nallah, within a radius of 25 km from the Plant site as permitted by North Cachar Hills Autonomous Council Secretariat, Haflong, Dima Hasao District DHAC vide Letter dated 05.04.2023.
- 11. The Committee has found that the baseline data and incremental GLC due to the proposed project and found it satisfactory.
- 12. The EAC noted that the major raw material i.e. limestone will be obtained from Captive Limestone Mine (New Umarangsho) which is adjacent to the plant site. PP has reported that Limestone will be conveyed through the covered conveyor belt from the Crusher proposed within the Plant. Road will only be used during breakdown. The EAC deliberated and agreed on the same.
- 13. The PP has submitted that Greenbelt will be developed within 2 years over an extent of 10.6 ha in the plant area by planting 26500 nos. @ 2500 trees/ha. All peripheral areas covering 3.59 ha with 8975 nos. of trees during 1st year (2023-24). Greenbelt will be developed in identified blocks from A to K covering 7.01 ha area with 17,525 nos. of trees during 2nd year (2024-25). 3-Tier plantation with width ranging from 2-20 m along plant boundaries will be developed as greenbelt and green cover as per CPCB/MoEF&CC, New Delhi guidelines. Also, the thickness of the Green Belt towards the eastern side of plant, is proposed to be min. 20 m. The EAC deliberated on the revised greenbelt action plan along with the budget earmarked and is of the opinion that as committed, the greenbelt shall be completed within two years, with maximum plantation during the 1st year itself.
- 14. The Committee also deliberated the TOR compliances and recommendation of subcommittee visit report and noted that the Action plan found it satisfactory.
- 15. The committee deliberated details of carbon foot prints and carbon sequestration study w.r.t. proposed project and found them to be satisfactory.
- 16. PP has reported revised budget towards addressing the Public Hearing issues and village adoption (8 nos. in 4 km radius) as Rs. 33.6 Cr (1.5%). The Committee also deliberated on the public hearing issues along with revised action plan submitted by the proponent to address the issues raised during the public hearing and the action plan alongwith revised budget earmarked for village adoption program and found it satisfactory.
- 17. The EAC also deliberated on the submitted written representation of project proponent and found it satisfactory.
- 18. The EAC deliberated on the proposal with due diligence in the process as notified under the provisions of the EIA Notification, 2006, as amended from time to time and accordingly made the recommendations to the proposal. The Experts Members of the EAC found the proposal in order and recommended for grant of environmental clearance.
- 19. The environmental clearance recommended to the project/activity is strictly under the provisions of the EIA Notification 2006 and its subsequent amendments. It does not tantamount/construe to approvals/consent/permissions etc. required to be obtained or standards/conditions to be followed under any other Acts/ Rules/ Subordinate legislations, etc., as may be applicable to the project. The project proponent shall obtain necessary permission as mandated under the Water (Prevention and Control of Pollution) Act, 1974 and the Air (Prevention and Control of Pollution) Act, 1981, as applicable from time to time, from the State Pollution Control Board, prior to construction & operation of the project.
- 20. The EAC also reviewed the EC conditions (specific and general) pertaining to Industry-I projects and observed that some of the specific conditions stipulated so far in the previously recommended EC projects are common and applicable to most of the projects in general. In view of the same, the General Conditions have been revised through reallocation of these common conditions from specific to General Conditions. Accordingly, the instant project is also being stipulated with the modified General conditions.
- 6. The details of the proposal are as per the EIA/EMP report submitted by the proponent. The salient features of the proposal as presented during the above-mentioned meetings of EAC (Industry 1 Sector) are given at **Annexure 1**, Unit configuration and capacity are given at **Annexure 2** and PH Action Plan is given at **Annexure 3**.
- 7. The EAC, in its 31th meeting of Expert Appraisal Committee (Industry-1 Sector) held on held on 16th

May, 2023, based on information & clarifications provided by the project proponent and after detailed deliberations **recommended** the instant proposal for grant of Environment Clearance under the provisions of EIA Notification, 2006 subject to stipulation of following specific conditions and general conditions(at **Annexure 4**) as per the Ministry's Office Memorandum No. 22-34/2018-III dated 9/8/2018 based on project specific requirements.

- 8. The MoEF&CC has examined the proposal in accordance with the Environment Impact Assessment (EIA) Notification, 2006 & further amendments thereto and after accepting the recommendations of the Expert Appraisal Committee (Industry-1 Sector) hereby decided to grant **Environment Clearance** for instant proposal of **M/s. Calcom Cement India Ltd** under the provisions of EIA Notification, 2006 subject to the specific conditions and general conditions as mentioned in Annexure 4.
- 9. 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 Transboundary 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.
- 10. This issues with approval of the competent authority.

(Dr. R. B. Lal) Scientist 'F'/Director Tel: 011-20819346 Email-rb.lal@nic.in

Annexure 1

Annexure 2

Additional EC Conditions

The Specific and General EC conditions are stipulated in Annexure-4.

Copy To

- 1. The Secretary, Department of Environment, Government of Assam, Assam Secretariat, Guwahati-781 006.
- 2. Chief Wildlife Warden, Govt. of Assam, Basistha Forest Complex, Guwahati-781029.
- 3. The Director General of Forest, Ministry of Environment, Forest and Climate Change, New Delhi.
- 4. The Member Secretary, Central Pollution Control Board, Parivesh Bhawan, East Arjun Nagar, Delhi 32
- 5. Chairman, Central Pollution Control Board, Parivesh Bhawan, CBD-cum-Office Complex, East Arjun Nagar, Delhi-110032.
- 6. Regional Officer, Ministry of Environment, Forest and Climate Change, Integrated Regional Office, 4th Floor, HOUSEFED Building, G.S. Road Rukminigaon, Guwahati 781022.
- 7. Chairman, Assam Pollution Control Board, Bamunimaidan, Guwahati-781 021
- 8. The Member Secretary, Central Ground Water Authority, Jamnagar House, 18/11, Man Singh Road Area, New Delhi, Delhi 110001
- 9. District Collector, Umrangso District, Assam.
- 10. Monitoring Cell, Ministry of Environment, Forest and Climate Change, Indira Paryavaran Bhawan, Jor Bagh Road, New Delhi
- 11. Guard File/Monitoring File/Website/Record File/Parivesh Portal

The salient features of the proposal as presented during the meetings of EAC

S. No.	Particulars		Details submitted by PP											
a.	Terms of Reference for undertaking EIA study	15.12.2022												
b.	Period of baseline data collection	Post Monsoo	n Season (Oct., to Dec.,	2022)										
c.	Date of Public Consultation	14th March,	1											
d.	Action plan to address the PH issues	address the i Annexure 3.												
e.	Location of the project	village 19 Kilo Umrangso, Tehsil: Umrangso, District: Dima Hasao (earlier N.C. Hills), Assam												
f.	Latitude and	Plant Area:												
75	Longitude of	Point No	Latitude (North)	Longitude (East)										
	the project site	1	25°31'27.6500"	09 <mark>2°</mark> 47'44.1699"										
		2	25°31'19.4637"	09 <mark>2°</mark> 47'44.1228"										
		3	25°31'19.0799"	09 <mark>2°</mark> 47'53.3801"										
Ú		4	25°31'22.5400"	0 <mark>92</mark> °47'53.4499"										
5 /		5	25°31'23.1200"	092°48'01.7801"										
	3	6	25°31'23.4101"	092°48'11.4701"										
		7	25°31'22.5699"	092°48'11.5901"										
	To a	8	25°31'22.2802"	092°48'18.6101"										
		9	25°31'22.0401"	092°48'29.3601"										
		10	25°31'21.6801"	092°48'41.0601"										
		11	25°31'25.1801"	092°48'41.3301"										
		12	25°31'29.2399"	092°48'41.5599"										
		13	25°31'29.0301"	092°48'32.1601"										
		14	25°31'28.5701"	092°48'19.1101"										
		15	25°31'28.4801"	092°48'11.5801"										
		16	25°31'28.2900"	092°48'01.8300"										

S. No.	Particulars		Details submitted	by PP
		17	25°31'27.9699"	092°47'52.8299"
		Approach Do	adı	
		Approach Ro Point No	Latitude	Longitude
		1	25°31'23.6859"	092°46'58.6573"
		2	25°31'23.3509"	092°47'03.2272"
		3	25°31'20.8060"	092°47'07.7977"
		4	25°31'19.7748"	092°47'12.4690"
		5	25°31'21.9822"	092°47'23.1544"
		6	25°31'23.5834"	092°47'29.0187"
		7	25°31'27.5757"	092°47'43.5731"
		8	25°31'27.7492"	092°47'44.8037"
_ <		9	25°31'28.2694"	0 <mark>92°47'44.7207"</mark>
2		10	25°31'28.0801"	09 <mark>2°4</mark> 7'43.3436"
		11	25°31'24.2970"	092° <mark>47</mark> '28.8925"
		12	25°31'22.7081"	092°4 <mark>7</mark> '22.9160"
		13	25°31'20.5251"	092° <mark>47</mark> '12.5799"
0		14	25°31'21.4644"	092°47'08.1416"
. 3		15	25°31'24.0190"	092°47'03.5431"
		16	25°31'24.4046"	092°46'58.5435"
		17	25°31'22.0701"	092°46'53.4625"
		18	25°31'19.2220"	092°46'46.3515"
		19	25°31'19.2120"	092°46'38.6815"
		20	25°31'18.5669"	092°46'33.1180"
		21	25°31'16.8906"	092°46'30.6287"
		22	25°31'16.1537"	092°46'27.9705"
		23	25°31'15.2049"	092°46'25.8476"
		24	25°31'16.1801"	092°46'23.4679"
		25	25°31'17.3981"	092°46'20.7840"
		26	25°31'16.8747"	092°46'20.1958"

S. No.	Particulars			Details submitted	by P	P							
		2	7	25°31'15.6000"	09	92°46'23.0319"							
		2	8	25°31'14.4359"	09)2°46'25.7792"							
		2	9	25°31'15.4659"	092°46'28.2880"								
		3	0	25°31'16.2198"	09	2°46'30.9211"							
		31 25°31'17.8631" 0			09	92°46'33.4311"							
		32 25°31'18.4880" 0			09	92°46'38.6690"							
		3	3	25°31'18.5183"	09)2°46'46.4184"							
	e	3	4	2°46'53.9275"									
g.	Total land	37.47 H	37.47 Ha [Govt. Council Waste (Khas) land]										
		Plant Area: 32.12 Ha (240 Bighas) Approach Road: 5.35 Ha (40 Bighas) Total project area: 37.47 Ha (280 Bighas)											
XX		Dima Hasao Forest Division (West) has issued a certificated based on the joint verification report of Range Forest Officer Garampani Range and Revenue Official, Umrangso stating 240 Bigha (32.12 Ha) Plant land and 40 Bigha (5.35 Ha) Approach Road is classified as "Revenue Waste (Khas) Land and Non-Forest Land" vide letter No FRS/G/21/1(b)/PART/2019-20/840 dated 28.06.2022.											
h.	Land acquisition details as per MoEF&CC O.M. dated 7/10/2014	Revenue Council, (37.47 H with a Shillong Issue No has bee dated 5 Land ha	e and some and separate Section 2.9757- n paid the August Section separate the August Section separate	Settlement Departmenting, has allowed the land industrial use on periodic te Approach Road connot vide its Letter S. CAS 60 dated 30.04.2022. Suits Council vide UTR No. Unst 2022.	of N adm patta ectin E No bseq TIBR	IC Hills Autonomous neasuring 280 Bighas at 19 Kilo, Umrangso og to NH-627 Lanka- .160(USO)2021-2022 uently, Rs. 2.8040 Cr. 52022080500328398 enue Deptt., N.C. Hills							
				ouncil, Haflong with rendinated and a second contractions. The contraction of the contrac	ewab	le Periodic Patta No.							
i.	Existence of habitation & involvement of	No Rehabilitation & Resettlement (R&R) issue due to the proposal.											
	R&R, if any	Study A	and CC	lil ndustrial establishment o IL Plant & Colony- 2.3 kn n 10 km study area:		·							
		S.		Name		Approx. Distance in							
		No.				km & Direction							

S. No.	Particulars	Details submitted by PP								
			0-2 km							
			None	0	0					
			2 - 5 km							
		1	Umrangso	2	NW					
			(Umrangso 19 Kilo)							
		2	Wari Diplai	2	S					
		3	Dithur	2.9	S					
		4	Dikrabi	3.3	NE					
		5	Dorbin	3.35	S					
		6	Choto Tungkrang	3.6	ENE					
		7	Longchirui (Lungcheirui)	3.8	SW					
		8	Boro Larpheng	4.4	NNW					
		9	Boro Tungherang	4.4	ENE					
	e	10	Longrung	4.5	SW					
		11	Choto Larpheng	4.6	NNW					
		12	Nabdi Longukro	4.65	WNW					
		13	Miyungpur Raji	4.9	WSW					
			5 - 10 km							
		14	Thaosenpur	5.2	S					
		15	Longkupur	5.5	WNW					
		16	Lurulangso	5.6	SE					
		17	Kekrangship	5.7	SE					
		18	Umrangso TC	6	SW					
		19	Longlaihansu (Langlai)	6.4	SW					
		20	Mungloi Phonglo	6.4	SW					
		21	Taralangso	6.5	SSE					
		22	Tuijonte	6.5 6.8	SW SSW					
		24	Tortelangso Disabra	6.9	W					
		25	Longplaidisa	7.5	SSW					
		26	Sainilangso	7.7	SSE					
		27	Didarbi	7.7	SW					
		28	Langlut (Ch)	7.7	S					
	3	29	Choto Langlai	8.1	SW					
	2	30	Tumbung	8.3	WSW					
		31	Krungthai	8.3	SW					
	9/5	32	Boro Langlai	8.4	SW					
	(Co.	33	Nabdi Langayen	8.7	ENE					
		34	Longmaiklu (Longmaklu)	8.7	WSW					
		35	Bongphiri (Ch)	9	S					
		36	Kukrilangso	9.1	SW					
		37	Kharthongship	9.3	SSE					
		There	are approx. 48 other villages in 10	km radius	study area					
		includi	ng Umrangso (Town Committee) w Is SW direction		•					
j.	Elevation of		neral elevation of the plant site vari	es from Ma	ax Elevation					
	the project site	396 AN	ASL to Min. 256 AMSL.							
k.	Involvement of Forest land if	The PF	reported that there is no involve	ement of F	orest land					
	any.	Dima	Hasao Forest Division (West) has	s issued a	certificate					
		based	on the joint verification report of	Range For	est Officer					
			ipani Range and Revenue Officia	_						

S. No.	Particulars	Details submitted by PP									
		Approach Roa and Non-	d is clas Forest	sified as "Rever Land" v	d 40 Bigha (5.35 Ha) nue Waste (Khas) Land ide letter No. ited 28.06.2022						
1.	Water body exists within the project site as well as study area	Project site: N Study area:	lo water	body exist within	the plant site.						
	arca	Water bo	ody	Distance, km	Direction						
		Amrang Nalla		0.14	East						
	C.	Langyen Nadi		0.25	SE						
		Langjin Nallah		1.05	SSW						
		Mongle Nadi 3.8		NE							
		Langlai River	S								
2		Kopili River	NW								
~		Umrong Reserv	oir	7.1	West						
m.	Existence of ESZ / ESA / national park / wildlife Sanctuary / biosphere Reserve / tiger reserve / elephant reserve etc. if any within the study area	24	rved and ning RF (2	protected forest 2.3 km in W)	es:						
n.	Project cost	The capital cos	st of the	proposed proje	ect is Rs 2240 Corers						
0.	EMP cost	Туре	(Rs.	Capital in Crores)	Recurring (Rs. in Crores)						
p.	Employment opportunity		ent gen		Rs 9.72 Crores ne proposed project is .46 + During Operation						
q.	Water and Power requirement										

Annexure – 2

Unit configuration and capacity:

S. No.	Plant Equipment / Facility	Configuration	Capacity	Remarks
1	Clinkerisation Plant	Kiln: 11000 TPD	3.63 Million TPA	Greenfield Project
2	Waste Heat Recovery System	- v(C	16 MW	Utilization of Waste heat from Pre-heater and cooler
3	D.G. Set	-	750 kVA	Emergency/ Back-up
4	Limestone Crusher	R. IV	2500 TPH	Earlier crusher was proposed within the plant area. Now, it is proposed to install Crusher within the adjoining Mine lease area "New Umrangshu Limestone Mine" and crushed limestone will be transported via covered conveyor belt.

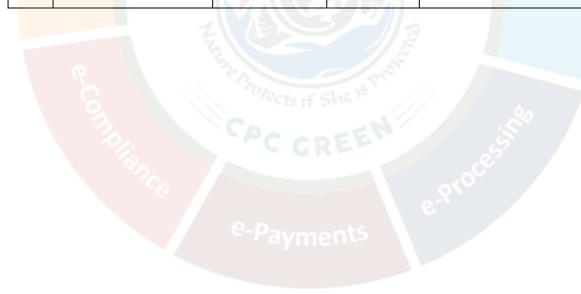


Table: Action Plan as per Ministry's O.M. dated 30/09/2020

A. Proposed Action Plan for Socio-economic Developmental Activities as per issues raised in Public Hearing

	1 aiscu ii				Tota	1st Yea	r	2nd Yo	ear	3rd Yea	ır	
Sl. No	Activities	U nit	No. of Uni ts	Unit Cost (Rs in Lak hs)	l Bud get (Rs in Lak hs)	Location / Area	Bud get, Rs Lak hs	Location / Area	Bud get, Rs Lak hs	Location / Area	Bud get, Rs Lak hs	Tota l
A	Socio- economic Developm ent Related			e-\					1,5			
1	Girls toilet block in schools Thongnokb e M.E school, Lankmeklu & Hanjanglan gso L.P school	N os	2	4.00	8.00		# C	Thongno kbe M.E school, Lankmek lu	4.00	Hanjanglan gso L.P school	4.00	8.00
2	Road developme nt in Borolangkl am, Amramlan gso and Miyungpur	K M	10	6.00	60.0	Borolangkl am	20.0	Amramla ngso	20.0	Miyungpur	20.0	60.0
3	High-mast light installation at 16 km	N os	Q.	3.00	3.00			16 KM	3.00	OCE.	1	3.00
4	Solar street light installation from 19 KM to Umrangso police station, Umrangso 19 KM to Hanjanglan gso, Langmeklu	N os	120	0.36	43.2	60 Nos. 19 km to police station	21.6	30 Nos. Langmek lu	10.8	30 Nos. Hanjanglan gso road	10.8	43.2

				T T *4	Tota	1st Yea	r	2nd Ye	ear	3rd Yea	ır	
Sl. No	Activities	U nit	No. of Uni ts	Unit Cost (Rs in Lak hs)	l Bud get (Rs in Lak hs)	Location / Area	Bud get, Rs Lak hs	Location / Area	Bud get, Rs Lak hs	Location / Area	De l	
5	Constructi on of community center with toilet, boundary wall, gate & water facility	Se t	1	100. 00	100. 00	Harangajao	100. 00	1 0	4			100. 00
В	Health Related					Τ.						
1	Mobile Medical Unit (MMU) service at remote villages	N os	1	30.0	30.0	Langmeklu , Hanjanglan gso	10.0	Mirphun g and Chotolan glai	10.0	Boroloban g, Chotoloba ng	10.0	30.0
2	Special medical camp/eye camp	N os	3	1.50	4.50	Dithur	1.50	12 KM	1.50	29 <mark>K</mark> M	1.50	4.50
3	Financial support to TB patient of Dima Hasao Dist.	N os	400	0.06	24.0	200 Nos	12.0	200 Nos	12.0	i _{ng}	1	24.0
С	Drinking Water Facility) Co			CGF	E		~~~	OCESS		
1	Construction of spring water harvesting tanks	N os	3	3.00	9.00	1 No Kamala Bagan	3.00	1 No Umrangs o 19 KM	3.00	1 No Dorbinsip	3.00	9.00
2	Ring wells	N os	6	1.50	9.00	Krungmeng langso, Langsomep i	3.00	Choto Tungkru ng, Borotung krung	3.00	Rongmonji r, Rongmepi	3.00	9.00
3	RO for nearby school	N os	3	0.60	1.80	Umrangso 19KM	0.60	Langmek lu	0.60	Dithur	0.60	1.80
D	Education											

				T T *4	Tota	1st Yea	r	2nd Ye	ear	3rd Yea	ır	
Sl. No	Activities	U nit	No. of Uni ts	Unit Cost (Rs in Lak hs)	l Bud get (Rs in Lak hs)	Location / Area	Bud get, Rs Lak hs	Location / Area	Bud get, Rs Lak hs	Location / Area	Bud get, Rs Lak hs	Tota l
1	Smart class equipment to school to Thongnokb e M.E school and Umrangso High school	N os	2	3.00	6.00	Thongnokb e M. E school	3.00	 C	9,5	Umrangso High school	3.00	6.00
2	Constructi on of school boundary wall in Langmeklu M.E school	N os	1	15.0	15.0	्रा र देवा	THE PER	Thongno kbe M.E school, Lankmek lu	15.0		-	15.0
3	Constructi on school building/cl ass room Hanjanglan gso L.P school, Kalanala L.P school	N os	2	12.0	24.0	Hanjanglan gso L. P school	12.0	Kal <mark>a</mark> nala L.P school	12.0		pss :	24.0
4	Educationa l support to economical ly weaker students	N os	60	0.20	12.0	Near by villages	4.00	Near by villages	4.00	Near by villages	4.00	12.0
5	Sports kit to school	N os	6	0.50	3.00	Hanjanglan gso L. P school	1.00	Thongno kbe M.E school, Lankmek lu	1.00	Dithur L.P school	1.00	3.00
E	Water Conservat ion											
1	Rain water harvesting system in school	N os	4	3.00	12.0	Umrangso 19KM school	3.00	Dithur L.P school, Thongno kbe M.E school	6.00	Hanjanglan gso L.P school	3.00	12.0
2	Village pond in Langmeklu	N os	3	3.00	9.00			Langmek lu,	6.00	Krungmen glangso	3.00	9.00

				Unit	Tota	1st Yea	r	2nd Ye	ear	3rd Yea	ır	
Sl. No	Activities	U nit	No. of Uni ts	Cost (Rs in Lak hs)	l Bud get (Rs in Lak hs)	Location / Area	Bud get, Rs Lak hs	Location / Area	Bud get, Rs Lak hs	Location / Area	Bud get, Rs Lak hs	Tota l
	, Amramlan gso, Krungmen glangso							Amramla ngso				
F	Skill Developm ent			e-\	ΝC			C,	9,5			
1	Football academy with hostel, football ground, gym etc to improve local skill	N os	1	500. 00	500.	Dithur	50.0	Dithur	350. 00	Dithur	100. 00	500. 00
2	Sports & cultural centre developme nt at Guwahati, where locals from Dima Hasao dist. Will be given preference in training	N os	1	1000	1000	ofects of	She	The state of the s	300.	of State of	700. 00	1000
3	Nursing training	N os	15	3.50	52.5 0	5 Nos	17.5 0	5 Nos	17.5 0	5 Nos	17.5 0	52.5 0
G	Plantation											
1	Tree plantation with protective cage along the road sides villages	N os	100 00	0.00	15.0	Umrangso 19 KM, Hanjanglan gso	3.00	Di Karbi road, Langmek lu	7.50	Borolangkl am	4.50	15.0
Н	Agricultur e											

				Unit	Tota 1	1st Yea	r	2nd Ye	ar	3rd Yea	ır	
Sl. No	Activities	U nit	No. of Uni ts	Cost (Rs in Lak hs)	Bud get (Rs in Lak hs)	Location / Area	Bud get, Rs Lak hs	Location / Area	Bud get, Rs Lak hs	Location / Area	Bud get, Rs Lak hs	Tota l
1	Capacity building of Farmers for input cost reduction and enhance income/ productivit y through New Technologi es & conservatio n of water & Soil, etc.	N os	100	0.10	10.0	Langmeklu , Hanjanglan gso	2.00	Umrangs o 19 KM, Boroloba ng	5.00	Borolangkl am, Kekrangsip	3.00	10.0
2	Capacity Building and livelihood support to women/ SHG members through horticultur al crops and animal husbandry	N os	120	0.20	24.0	Langcherui , Dithur	8.00	Umrangs o 19 KM , Hanjangl angso	8.00	Boroloban g, Chotoloba ng	8.00	24.0
	Total	٠ <u>/</u>			1975	CGF	275		800	5	900	1975

B. Village adoption programs (19 Kilo Umrangso, Dithur and Amramlangso)

		Physical activity to be done		Unit of measurement (Budget Rs. In Lakhs)										
Sl	Compon ent of		1st Year		2nd Year		3rd Year		4th Year		5th Year		tal (R	
N o	Model village		Locatio n / Area	Bu dge t	Locatio n / Area	Bu dge t	Locatio n / Area	Bu dge t	Locatio n / Area	Bu dge t	Locatio n / Area	Bud get	s. In La c)	
1	Educati on	School building with boundary wall					Choto Tungkr ang	30. 00	Dithur	27. 00	Wari Diplai	20. 00	77. 00	

SI N o	Compon ent of Model village	Physical activity to be done	Unit of measurement (Budget Rs. In Lakhs)										
			1st Year		2nd Year		3rd Year		4th Year		5th Year		_ tal _ (R
			Locatio n / Area	Bu dge t	Locatio n / Area	Bu dge t	Locatio n / Area	Bu dge t	Locatio n / Area	Bu dge t	Locatio n / Area	Bud get	s. In La c)
2	Kr.	Anganwa di center with recreation al facilities for kids	Umrang so 19 KM	2.0	 C		New AWC Dithur	8.0	Choto Tungkr ang	10. 00			20.
3		Toilet block constructi on school	Choto Tungkr ang	10. 00			1 No/ Umrang so 19 KM	5.0	7/5		Dithur	5.0	20. 00
4		Providing Sports Kit to schools (Football/ volleyball / badminto n kit etc)	Coverin g one village	0.6	Coverin g one village	0.6	Coverin g Two village	1.2	Coverin g Two village	1.2	Coverin g Two village	1.2	4.8
5	0	Individua l Househol d toilets	30 Nos/ Dithur & Wari Diplai	30. 00	20 Nos/U mrangs o 19 KM, Dorbin	20. 00	20 Nos/Ch oto Tungkr ang	20.	10 Nos/Dit hur	10. 00	10 Nos/ Amraml angso	10. 00	90.
6	Health & Sanitati on	PHC sub- center and boundary wall	-		PC	suf G	SHE	7	1 No/ Umrang so 19 KM	10. 00	1 No/ Dithur	20. 00	30. 00
7		Installatio n of various public boards & posters to create awarenes s regarding communi cable diseases & public hygiene	Coverin g all Eight villages	1.6	Coverin g all Eight villages	1.6	Coverin g all Eight villages	1.6	Coverin g all Eight villages	1.6	Coverin g all Eight villages	1.6	8.0

SI N o	Compon ent of Model village	Physical activity to be done	Unit of measurement (Budget Rs. In Lakhs)										
			1st Year		2nd Year		3rd Year		4th Year		5th Year		tal
			Locatio n / Area	Bu dge t	Locatio n / Area	Bud get	s. In La						
8	Safe	Construct ion of spring water harvestin g tanks/ Ring wells	8 Nos coverin g all Eight villages	32. 00	8 Nos coverin g all Eight villages	32. 00	16 0.0 0						
9	drinkin g water	Repairing of dam with guard wall and installatio n of water purifier	Umrang so 19 KM	40.	P.	[-`\ E^{0}	E	5	-	-	_	1	40.
1 0	Comm unicati on & Connec tivity	Village Road constructi on			Choto Tungkr ang - 2 KM	90.	Umrang so 19 KM- 2 KM	90. 00	Dithur- 3 KM	135	Longchi rui - 2 KM & Umrang so 19 KM- 2 KM	18 0.0 0	49 5.0 0
1 1	Livelih ood & Skill Develo pment	Capacity building of Farmers for input cost reduction and enhance income/ productiv ity through New Technolo gies & conservat ion of water & Soil, etc	40 farmers/ coverin g Eight villages	8.0	40 farmers/ coverin g Eight villages	8.0 0	40 farmers/ coverin g Eight villages	8.0	40 farmers/ coverin g Eight villages	8.0 0	40 farmers/ coverin g Eight villages	8.0	40.00
1 2		Bamboo plantation to increase income of	10000 Samplin g per villages	48. 00	10000 Samplin g per villages	48. 00	10000 Samplin g per villages	48. 00	5000 Samplin g per villages	24. 00	10000 Samplin g per villages	24. 00	19 2.0 0

	Compon	Physical	Unit of measurement (Budget Rs. In Lakhs)											
Sl			1st Year		2nd Year		3rd Year		4th Year		5th Year		tal (R	
N o		ent of Model village	activity to be done	Locatio n / Area	Bu dge t	Locatio n / Area	Bud get	s. In La c)						
		nearby villagers												
1 3		Capacity Building and livelihoo d support to women/ SHG members	80 women/ coverin g Eight villages	8.0	40. 00									
1 4	Res	Solar Street lights - 320 Nos covering all 8 villages	60 Nos for Two villages	15. 00	60 Nos for Two villages	15. 00	80 Nos for Two villages	20. 00	60 Nos for one villages	15. 00	60 Nos for one villages	15. 00	80. 00	
1 5	Rural infrastr ucture	Communi ty Fishery with retaining wall at downstre am & plantation to reduce embankm ent erosion		75. N.	Protec	sıf	She is		Dithur-1	25. 00	2415	SS /	25. 00	
1 6		Waiting shed / Communi ty hall	, te				Dorbin	35. 00	Wari Diplai	25. 00	Umrang so 19 Km	6.0	66. 00	
	Т	otal		195	e-Pa	223	ents	307		332		33 1	13 88	

Note: # There may be some changes on the activity during the execution period based on assessment & discussion with villagers / local NGOs.

A. Specific conditions:

- i. This Environmental clearance is granted subject to final outcome of Hon'ble Supreme Court of India, Hon'ble High Court, Hon'ble NGT and any other Court of Law, if any, as may be applicable to this project.
- ii. The project proponent shall comply with all the environmental protection measures and safeguards proposed in the documents submitted to the Ministry. All the recommendations made in the EIA/EMP in respect of environmental management, and risk mitigation measures relating to the project shall be implemented.
- iii. The project proponent shall utilize modern technologies for capturing of carbon emitted and shall also develop carbon sink/carbon sequestration resources capable of capturing more than emitted. The implementation report shall be submitted to the IRO, MoEF&CC in this regard.
- iv. Umrangso 19 Kilo Village is a distance of 2 km in NW direction of the project site. There are approx. 48 other villages in 10 km radius study area. Project Proponent shall take appropriate environmental safeguard measures to minimise the impact on the habitation of the locals. PP needs to strengthen green belt all around the plant area to reduce the dust pollution. The PP shall also include these locations in its environmental monitoring programme.
- v. Amrang Nalla (0.14 km, E), Langyen Nadi (0.25 km, SE) and Langjin Nallah (1.05 km, SSW) exists adjacent to the project site. Also other water bodies such as Mongle Nadi, Langlai River, Kopili River and Umrong Reservoir exists within the study area of 10 km of the project site. A robust and full proof Drainage Conservation scheme to protect the natural drainage and its flow parameters; along with Soil conservation scheme and multiple Erosion control measures shall be implemented.
- vi. The water requirement of 1550 m³/day shall be sourced from surface water such as nearby flowing Longlai river, Amrang nalla, other rivers/ streams, Nallah, within a radius of 25 km from the Plant site after obtaining necessary permission from the Competent Authority. No ground water shall be abstracted.
- vii. An action plan submitted for Green Belt development shall be strictly implemented consisting of 3 tiers of plantations of native species all along the periphery of the project of adequate width to be raised in 33% of the project area with a tree density not less than 2500 per ha within two years, with maximum plantation during the 1st year itself. Survival rate of green belt developed shall be monitored on periodic basis to ensure that damaged plants are replaced with new plants in the subsequent years. Local species shall only preferred for Green Belt and no alien species shall be introduced. PP has to develop the Green Belt with 20m wide in the eastern boundary adjacent to the Nala. Compliance status in this regard, shall be submitted to concerned Regional Office of the MoEF&CC.
- viii. PP has to provide Garland drains in the eastern parts of the Site, from Crusher area, with check dams/ baffles made of biodegradable/ Geo-textile material at adequate intervals for settlement of sediments, if any, before it reaches the nearby nallas.

- ix. Efforts are to be made to preserve existing well grown trees at the Site. If tree cutting is involved, PP has to obtain the necessary permission from DFO and carry out Compensatory
- x. PP has to provide 2 Settling Tanks also, in the northeast corner and southeast corner, of adequate size for suspended solids settlement. Plantation as directed by DFO.
- xi. Limestone shall be conveyed through the covered conveyor belt between the Crusher proposed within the Plant and the adjacent limestone mine.
- xii. All the commitments made towards socio-economic development of the nearby villages shall be satisfactorily implemented. The action plan based on the social impact assessment study of the project as per the EMP in accordance to the Ministry's OM dated 30.09.2020 amounting to 33.6 Crores shall be strictly implemented and progress shall be submitted to the Regional Office of MoEF&CC. Setting of Football academy at Dithur shall be completed as per the submitted time schedule.
- xiii. PP shall adopt all the 8 villages/settlements within 4 km as committed and shall strictly implement the action plan submitted to adopt the villages and develop them into model villages.

B. General Conditions

I. Statutory compliance:

i. The Environment Clearance (EC) granted to the project/ activity is strictly under the provisions of the EIA Notification, 2006 and its amendments issued from time to time. It does not tantamount/ construe to approvals/ consent/ permissions etc., required to be obtained or standards/conditions to be followed under any other Acts/Rules/Subordinate legislations, etc., as may be applicable to the project.

II. Air quality monitoring and preservation

- i. The project proponent shall install 24x7 continuous emission monitoring system at process stacks to monitor stack emission as well as 06 Nos. Continuous Ambient Air Quality Station (CAAQMS) for monitoring AAQ parameters with respect to standards prescribed in Environment (Protection) Rules 1986 as amended from time to time. The CEMS and CAAQMS shall be connected to SPCB and CPCB online servers and calibrate these systems from time to time according to equipment supplier specification through labs recognized under Environment (Protection) Act, 1986 or NABL accredited laboratories.
- ii. The project proponent shall carryout Continuous Ambient Air Quality monitoring for common/criterion parameters relevant to the main pollutants released (e.g. PM₁₀ and PM_{2.5} in reference to PM emission, and SO₂ and NOx in reference to SO₂ and NOx emissions) within and outside the plant area (at least at four locations one within and three outside the plant area at an angle of 120° each), covering upwind and downwind directions.
- iii. The project proponent shall monitor fugitive emissions in the plant premises at least once in every quarter through laboratories recognized under Environment (Protection) Act, 1986 or NABL accredited laboratories.

- iv. Sampling facility at process stacks and at quenching towers shall be provided as per CPCB guidelines for manual monitoring of emissions.
- v. Appropriate Air Pollution Control (APC) system shall be provided for all the dust generating points including fugitive dust from all vulnerable sources, so as to comply prescribed stack emission and fugitive emission standards.
- vi. The project proponent shall provide leakage detection and mechanized bag cleaning facilities for better maintenance of bags.
- vii. Sufficient number of mobile or stationery vacuum cleaners shall be provided to clean plant roads, shop floors, roofs, regularly.
- viii. Ensure covered transportation and conveying of raw material to prevent spillage and dust generation. The project proponent use leak proof trucks/dumpers carrying coal and other raw materials and cover them with tarpaulin.
- ix. The project proponent shall provide primary and secondary fume extraction system at all heat treatment furnaces.
- x. Wind shelter fence and chemical spraying shall be provided on the raw material stock piles.
- xi. Design the ventilation system for adequate air changes as per prevailing norms for all tunnels, motor houses, Oil Cellars.
- xii. The project proponent shall adopt the Clean Air practices like mechanical collectors, wet scrubbers, fabric filters (bag houses), electrostatic precipitators, combustion systems (thermal oxidizers), condensers, absorbers, adsorbers, and biological degradation. Controlling emissions related to transportation shall include emission controls on vehicles as well as use of cleaner fuels. Sufficient numbers of additional truck mounted Fog/Mist water cannons shall be procured and operated regularly inside the project premises and also in the surrounding villages to arrest suspended dust in the atmosphere.
- xiii. Bag filters shall be cleaned regularly and efficiency of bag filter system shall be monitored at regular intervals.
- xiv. Water Sprinklers/Water mist system shall be installed near raw material yards, operational units and other strategic locations to control fugitive emissions from the plant.
- xv. The particulate matter emissions from the process stacks shall be less than 30 mg/Nm³ and measures shall be undertaken as per the submitted action plan. Efficient Air monitoring equipment shall be installed.
- xvi. Following additional arrangements to control fugitive dust shall be provided:
 - a. Fog / Mist Sprinklers at all on bulk raw material storage area (at the transfer points).
 - b. Proper covered vehicle shall be used while transport of materials.
 - c. Wheel washing mechanism shall be provided in entry and exit gates with complete recirculation system.
- xvii. Provide Low NOx burners as primary measures and SCR /NSCR technologies as secondary measure to control NOx emissions.
- xviii. The emission norms applicable for the cement plant shall be adhered to.

- xix. Dioxin and Furan monitoring shall be carried out once in six months at cement kiln stack.
- xx. DeSOx system shall be provided dry type. NOx level shall be maintained below 600 mg/Nm³ by using best available technology.
- xxi. Petcoke dosing shall be controlled automatically to control SO₂ emission from chimney within the prescribed limits.
- xxii. PP shall identify the Source of fluoride emissions and action plan to mitigate the same shall be implemented.
- xxiii. Pollution control system in the cement plant shall be provided as per the CREP Guidelines of CPCB.

III. Water quality monitoring and preservation

- i. The project proponent shall install 24x7 continuous effluent monitoring system with respect to standards prescribed in Environment (Protection) Rules 1986 as amended from time to time and connected to SPCB and CPCB online servers and calibrate these system from time to time according to equipment supplier specification through labs recognized under Environment (Protection) Act, 1986 or NABL accredited laboratories.
- ii. The project proponent shall monitor regularly ground water quality at least twice a year (pre- and post-monsoon) at sufficient numbers of piezometers/sampling wells in the plant and adjacent areas through labs recognized under Environment (Protection) Act, 1986 and NABL accredited laboratories.
- iii. Garland drains and collection pits shall be provided for each stock pile to arrest the run-off in the event of heavy rains and to check the water pollution due to surface run off.
- iv. Tyre washing facilities shall be provided at the entrance of the plant gates.
- v. Water meters shall be provided at the inlet to all unit processes in the plants.
- vi. The project proponent shall make efforts to minimise water consumption in the plant complex by segregation of used water, practicing cascade use and by recycling treated water.
- vii. The proposed project shall be designed as "Zero Liquid Discharge" Plant. ETP shall be installed and there shall be no discharge of effluent from the plant. Domestic effluent shall be treated in Sewage Treatment Plant. Suitable measures shall be adopted for sewage water handling to ensure no contamination of any kind of water body.
- viii. All stockyards shall have impervious flooring and shall be equipped with water spray system for dust suppression. Stock yards shall also have garland drains and catch pits to trap the run off material and shall be implemented as per the action plan submitted in EIA/EMP report.
 - ix. Rain water harvesting shall be implemented to recharge/harvest water as per the action plan submitted in the EIA/EMP report.

IV. Noise monitoring and prevention

- Noise pollution shall be monitored as per the prescribed Noise Pollution (Regulation and Control) Rules, 2000 and amendments thereof, and report in this regard shall be submitted to Regional Officer of the Ministry as a part of six-monthly compliance report.
- ii. The ambient noise levels should conform to the standards prescribed under E(P)A Rules, 1986 viz. 75 dB(A) during day time and 70 dB(A) during night time.

V. Energy Conservation measures

- i. Provide solar power generation on roof tops of buildings, for solar light system for all common areas, street lights, parking around project area and maintain the same regularly;
- ii. Provide LED lights in their offices and residential areas.
- iii. The project proponent make efforts to achieve power consumption less than 65 units/tonne for Portland Pozzolona Cement (PPC) and 85 units/tonne for Ordinary Portland Cement (OPC) production and thermal energy consumption of 670 Kcal/Kg of clinker.
- iv. Maximize utilization of fly ash, slag and sweetener in cement blend as per BIS standards.
- v. Maximize utilization of alternate fuels and Co-processing to achieve best practice norms.
- vi. Waste heat recovery system shall be provided for kiln and cooler.

VI. Waste management

- i. Used refractories shall be recycled as far as possible.
- ii. Oil Collection pits shall be provided in oil cellars to collect and reuse/recycle spilled oil. Oil collection trays shall be provided under coils on saddles in cold rolled coil storage area.
- iii. Kitchen waste shall be composted or converted to biogas for further use.
- iv. 100% utilization of fly ash shall be ensured.
- v. The Plastic Waste Management Rules 2016, inter-alia, mandated banning of identified Single Use Plastic (SUP) items with effect from 01/07/2022. In this regard, CPCB has issued a direction to all the State Pollution Control Boards (SPCBs)/Pollution Control Committees (PCCs) on 30/06/2022 to ensure the compliance of Notification published by Ministry on 12/08/2021. The technical guidelines issued by the CPCB in this regard is available at https://cpcb.nic.in/technical-guidelines-3/. All the project proponents are hereby requested to sensitize and create awareness among people working within the Project area as well as its surrounding area on the ban of SUP in order to ensure the compliance of Notification published by this Ministry on 12/08/2021. A report, along with photographs, on the measures taken shall also be included in the six monthly compliance report being submitted by the project proponents.
- vi. A proper action plan must be implemented to dispose of the electronic waste generated in the industry.

VII. Green Belt

- i. The project proponent shall prepare GHG emissions inventory for the plant and shall submit the programme for reduction of the same including carbon sequestration by trees.
- ii. Project proponent shall submit a study report on Decarbonisation program, which would essentially consist of company's carbon emissions, carbon budgeting/balancing, carbon sequestration activities and carbon capture, use and storage and offsetting strategies. Further, the report shall also contain time bound action plan to reduce its carbon intensity of its operations and supply chains, energy transition pathway from fossil fuels to Renewable energy etc. All these activities/ assessments should be measurable and monitor able with defined time frames.
- iii. Greening and Paving shall be implemented in the plant area to arrest soil erosion and dust pollution from exposed soil surface.

VIII. Public hearing and Human health issues

- i. Emergency preparedness plan based on the Hazard identification and Risk Assessment (HIRA) and Disaster Management Plan shall be implemented.
- ii. The project proponent shall carry out heat stress analysis for the workmen who work in high temperature work zone and provide Personal Protection Equipment (PPE) as per the norms.
- iii. Provision shall be made for the housing of construction labour within the site with all necessary infrastructure and facilities such as fuel for cooking, mobile toilets, mobile STP. Safe drinking water, medical health care, creche etc. The housing may be in the form of temporary structures to be removed after the completion of the project.
- iv. Occupational health surveillance of the workers shall be done on a regular basis and records maintained.

IX. Environment Management

- The project proponent shall comply with the provisions contained in this Ministry's OM vide F.No. 22-65/2017-IA.III dated 30/09/2020. As part of Corporate Environment Responsibility (CER) activity, company shall adopt nearby villages based on the socio-economic survey and undertake community developmental activities in consultation with the village Panchayat and the District Administration as committed.
- ii. The company shall have a well laid down environmental policy duly approve by the Board of Directors. The environmental policy should prescribe for standard operating procedures to have proper checks and balances and to bring into focus any infringements/deviation/violation of the environmental / forest / wildlife norms / conditions. The company shall have defined system of reporting infringements / deviation / violation of the environmental / forest / wildlife norms / conditions and / or shareholders / stake holders. The copy of the board resolution in this regard shall be submitted to the MoEF&CC as a part of six-monthly report.

- iii. A separate Environmental Cell both at the project and company head quarter level, with qualified personnel shall be set up under the control of senior Executive, who will directly to the head of the organization.
- iv. Performance test shall be conducted on all pollution control systems every year and report shall be submitted to Integrated Regional Office of the MoEF&CC.

X. Miscellaneous

- i. The project proponent shall make public the environmental clearance granted for their project along with the environmental conditions and safeguards at their cost by prominently advertising it at least in two local newspapers of the District or State, of which one shall be in the vernacular language within seven days and in addition this shall also be displayed in the project proponent's website permanently.
- ii. The copies of the environmental clearance shall be submitted by the project proponents to the Heads of local bodies, Panchayats and Municipal Bodies in addition to the relevant offices of the Government who in turn has to display the same for 30 days from the date of receipt.
- iii. The project proponent shall upload the status of compliance of the stipulated environment clearance conditions, including results of monitored data on their website and update the same on half-yearly basis.
- iv. The project proponent shall monitor the criteria pollutants level namely; PM10, SO2, NOx (ambient levels as well as stack emissions) or critical sectoral parameters, indicated for the projects and display the same at a convenient location for disclosure to the public and put on the website of the company.
- v. Action plan for developing connecting and internal road in terms of MSA as per IRC guidelines shall be implemented
- vi. The project proponent shall submit six-monthly reports on the status of the compliance of the stipulated environmental conditions on the website of the ministry of Environment, Forest and Climate Change at environment clearance portal.
- vii. The project proponent shall submit the environmental statement for each financial year in Form-V to the concerned State Pollution Control Board as prescribed under the Environment (Protection) Rules, 1986, as amended subsequently and put on the website of the company.
- viii. The project proponent shall inform the Regional Office as well as the Ministry, the date of financial closure and final approval of the project by the concerned authorities, commencing the land development work and start of production operation by the project.
- ix. The project proponent shall abide by all the commitments and recommendations made in the EIA/EMP report, commitment made during Public Hearing and also that during their presentation to the Expert Appraisal Committee.
- x. The recommendations of the approved Site-Specific Wildlife Management Plan (in case of involvement of Schedule-I species) shall be implemented in consultation with the State Forest Department. The implementation report shall be furnished along with

- the six-monthly compliance report to the concerned Regional Office of the MoEF&CC.
- xi. The PP shall put all the environment related expenditure, expenditure related to Action Plan on the PH issues, and other commitments made in the EIA/EMP Report etc. in the company web site for the information to public/public domain. The PP shall also put the information on the left over funds allocated to EMP and PH as committed in the earlier ECs and shall be carried out and spent in next three years, in the company web site for the information to public/public domain.
- xii. 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).
- xiii. Concealing factual data or submission of false/fabricated data may result in revocation of this environmental clearance and attract action under the provisions of Environment (Protection) Act, 1986.
- xiv. The Ministry may revoke or suspend the clearance, if implementation of any of the above conditions is not satisfactory.
- xv. The Ministry reserves the right to stipulate additional conditions if found necessary. The Company in a time bound manner shall implement these conditions.
- xvi. The Regional Office of this Ministry shall monitor compliance of the stipulated conditions. The project authorities should extend full cooperation to the officer (s) of the Regional Office by furnishing the requisite data / information/monitoring reports.
- xvii. Any appeal against this EC shall lie with the National Green Tribunal, if preferred, within a period of 30 days as prescribed under Section 16 of the National Green Tribunal Act, 2010.

