



File No: IA-J-11011/488/2022-IA-II(IND-I)
Government of India
Ministry of Environment, Forest and Climate Change
IA Division



Date 24/10/2025



To,

M/s. UltraTech Cement Limited (Unit: Rajashree Cement Works)
Villages: Nrupatunganagar & Hanganahalli, P.O.: Aditya Nagar,
Malkhed Road, Taluka: Sedam, District: Kalaburagi (Karnataka)
E-mail: kvijender.reddy@adityabirla.com

Subject: Expansion of Integrated Cement Plant - Clinker (9.0 to 13.3 Million TPA), Cement (8.7 to 13.7 Million TPA), CPP (108.2 to 158.2 MW) and WHRS (27 to 47 MW) by installation of Line - V by M/s. UltraTech Cement Limited, located at Villages: Nrupatunganagar & Hanganahalli, P.O.: Aditya Nagar, Malkhed Road, Taluka: Sedam, District: Kalaburagi, Karnataka- Grant of EC - Reg.

Sir/Madam,

This is in reference to your application submitted to MoEF&CC vide proposal number IA/KA/IND1/488103/2024 dated 21/09/2024 for grant of prior Environmental Clearance (EC) to the proposed project under the provision of the EIA Notification 2006 and as amended thereof.

2. The particulars of the proposal are as below :

(i) EC Identification No.	EC24A1101KA5377513N
(ii) File No.	IA-J-11011/488/2022-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,1(d) Thermal Power Plants
(vi) Sector	Industrial Projects - 1 Expansion of Integrated Cement Plant - Clinker (9.0 to 13.3 Million TPA), Cement (8.7 to 13.7 Million TPA), CPP (108.2 to 158.2 MW) and WHRS (27 to 47 MW) by installation of Line - V at Villages: Nrupatunganagar & Hanganahalli, P.O.: Aditya Nagar, Malkhed Road, Taluka: Sedam, District: Kalaburagi (Karnataka) by M/s. UltraTech Cement Ltd. (Unit: Rajashree Cement Works)
(vii) Name of Project	

(viii) Name of Company/Organization	UltraTech Cement Limited
(ix) Location of Project (District, State)	KALABURAGI, KARNATAKA
(x) Issuing Authority	MoEF&CC
(xi) Applicability of General Conditions as per EIA Notification, 2006	No

3. The proposed project activity is listed at schedule no. S. No. 3(b) Cement Plants and 1(d) Thermal Power Plants under Category “A” of the schedule of the EIA Notification, 2006 and appraised at Central Level.

4. The instant proposal is considered in 67th EAC Meeting held during 14th – 16th October, 2024, wherein after detailed deliberations, the committee recommended the proposal for grant of Environment Clearance under the provisions of EIA Notification, 2006 subject to the stipulation of specific conditions and general conditions. The EAC proceedings of the said meeting can be seen using the following web link: at <https://parivesh.nic.in>.

5. 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 at Annexure-II.

6. The Unit configuration and capacity of the proposed project is at Annexure-III.

7. The EAC, in its 67th EAC Meeting held during 14th – 16th October, 2024, inter-alia, deliberated the following:

i. The instant proposal is for expansion of Integrated Cement Plant - Clinker (9.0 to 13.3 Million TPA), Cement (8.7 to 13.7 Million TPA), CPP (108.2 to 158.2 MW), WHRS (27 to 47 MW) by installation of New line - V.

ii. The existing cement plant was accorded Environmental clearance *vide* Letter no J-11011/65/2010-IA-II(I) dated 29th April, 2011 for expansion of Cement Plant (Cement from 4.2 Million TPA to 8.7 Million TPA, Clinker from 4.7 Million TPA to 9.0 Million TPA, Captive Power Plant from 58.2 MW to 190 MW including WHRS of 15 MW) and Captive Limestone Mine (from 6.7 Million TPA to 13.4 Million TPA). Consent for Operation for the existing cement plant was accorded by Karnataka State Pollution Control Board *vide* Ir. no. AW - 327536 dated 21st October, 2021. The validity of CTO is up to 30th June, 2026. Consent for Operate of Waste heat Recovery System was obtained from Karnataka State Pollution Control Board *vide* consent No: AW - 327536 dated 21st Oct, 2021. The validity of CFO is upto 30th June, 2026.

iii. 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.

iv. 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.

v. 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.

vi. The EAC also took into consideration the drone survey of the project site and kml file on the Google Earth presented by the project proponent along with DSS of the project site on PARIVESH and made following deliberations accordingly.

vii. PP submitted that total plant area is 625.12 Ha (Plant & Colony) and the proposed expansion will be done within the existing plant premises. Land is already under possession of the company. The land is already converted for industrial use.

viii. Hanganhalli (1.0 km,NNE), Udgi (1.5 km, E), Huda (3.0, NW), Mogla (3.5 km, W), Itgi (3.5 km, WSW), Digaon (4.0 km, SSW) alongwith approx. 23 other villages are found in the study area. The EAC opined that proponent shall take appropriate environmental safeguard measures to minimise the impact on the habitation of the locals. The project proponent needs to strengthen green belt all around the plant area to reduce the dust pollution. The PP shall also include some of these locations in its environmental monitoring programme.

ix. There are water bodies within the study area of the project site. The EAC opined that 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.

x. The instant project is interlinked with Captive Rajashree Limestone mine project (ML Area - 715.987 Ha) with production capacity of 13.4 Million TPA located at Villages: Malkhed, Hanganahalli, Udgi & Diggaon, Adityanagar, P.O.: Malkhed Road, Taluka: Sedam, District: Kalaburagi, Karnataka. Environmental Clearance for the same has been obtained from MoEFCC, New Delhi vide letter no. J-11011/65/2010-IA-II (I) dated 29th April, 2011. PP has further reported that in order to cater the limestone requirement for the proposed expansion in Integrated Cement Plant; UTCL is proposing Diggaon limestone block (5.1 Million TPA capacity). ToR Letter has been issued by MoEFCC, New Delhi vide Letter No. IA-J-11015/20/2023-IA-II(NCM), dated 25th Sept. 2023, Public Hearing was conducted on 21st August, 2024. The EAC noted that the project is an interlinked project, and accordingly, the recommendation of EAC (Non-coal) is needed to further the file simultaneously in line with the OM dated 24-12-2010. PP agreed to submit the requisite documents.

xi. The existing water requirement is 12921 KLD; which is being sourced from Kagina River and from Mine pit (During summer season). Additional quantity of water required for the expansion will be 1800 KLD; thus the total water requirement after expansion will be 14721 KLD. The EAC deliberated on the water requirement is of the opinion that PP shall obtain necessary permission from the Competent Authority in this regard.

xii. The Committee has deliberated on the baseline data and incremental GLC due to the proposed project and noted that baseline data for PM₁₀ and PM_{2.5} during baseline collection is recorded too high. The EAC opined that PP shall undertake stringent measures to minimise the levels of PM₁₀ and PM_{2.5}.

xiii. The Committee also deliberated on the public hearing issues along with action plan submitted by the proponent to address the issues raised during the public hearing and found it satisfactory.

xiv. It is reported that total 11 Schedule - I Species i.e., Blackbuck (*Antelope cervicapra*), Jackal (*Canis aureus*), Deer/ Samber (*Cervidae/Rusa unicolor*), Bonnet Macaque (*Macaca radiata*), Red fox (*Vulpes vulpes*), Peacock (*Pavo Cristatus*), Grey Mongoose (*Urva edwardsii*), Wild boar (*Sus scrofa*), Rabbit (*Oryctolagus culiculus*), Smooth-coated otter (*Lutrogalevoer perspicillata*), Indian Salt water Crocodile (*Crocodylus porosus*) were recorded within 10 km radius of the study area as per according to (IWPA) Indian Wildlife Protection Act' 1972 & its amendments. Wildlife Conservation Plan for above mentioned Schedule - I species has been prepared and allocated 42.55 Lacs for wildlife conservation. The same has been submitted to Deputy Conservator of Forest, Kalaburagi. The EAC opined that PP shall strictly implement the recommendations made in the plan in consultation with the State Forest Department.

xv. The PP has submitted that approx. 227.08 ha. (i.e., ~36.3% of total project area) has been developed under greenbelt & plantation. 4.81 lakhs trees have already been planted further gap filling will be done by planting 94,692 trees saplings in future hence according to the Ministry's guidelines 2500 trees per ha will be followed. The EAC deliberated on the greenbelt layout plan and is of the opinion that complete greenbelt shall be developed within a period of 2 years.

xvi. The committee deliberated details of carbon foot prints and carbon sequestration study w.r.t. proposed project and found them to be satisfactory.

xvii. The Committee deliberated on the certified compliance report of IRO and found it satisfactory.

xviii. It was apprised to the Committee that a complaint has been forwarded from Ministry of Finance's letter No. K-12017/1/2024-Coord dated 22.08.2024 citing the complaint dated 01.08.2024 received by them with reference to the Public hearing held for Line 5 project due to various issues elaborated in the said letter. The EAC opined that since the issues raised are pertaining to proposed project, the complaint shall be shared with the project proponent for their pointwise reply. The EAC advised the Ministry to forward the representation to project proponent for their justification/clarification. In this context, representation was shared with the project proponent. PP vide letter dated 16.10.2024 through email dated 16.10.2024 submitted the point wise response for the complaint raised and same was presented by the PP during the meeting on 16.10.2024 wherein EAC deliberated in detail on the pointwise response of PP and found it satisfactory.

xix. 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.

xx. 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.

xxi. 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 (in case of EC projects) have been revised through reallocation of these common conditions from specific to General Conditions (in case of EC projects). Accordingly, the instant project is also being stipulated with the modified General conditions.

8. The EAC (Industry-1 Sector), in its 67th EAC Meeting held during 14th – 16th October, 2024, based on information & clarifications provided by the project proponent and after detailed deliberations recommended the proposal for grant of Environment Clearance subject to stipulation of specific and general EC conditions as detailed in the point below.

9. 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 Ultratech Cement Limited under the provisions of EIA Notification, 2006 subject to the following specific conditions and general conditions (Annexure).

10. The Ministry reserves the right to stipulate additional conditions, if found necessary at subsequent stages and the project proponent shall implement all the said conditions in a time bound manner. The Ministry may revoke or suspend the environmental clearance, if implementation of any of the above conditions is not found satisfactory.

11. Concealing factual data or submission of false/fabricated data and failure to comply with any of the conditions mentioned above may result in withdrawal of this clearance and attract action under the provisions of the Environment (Protection) Act, 1986.

12. Any appeal against this environmental clearance 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.

13. 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.

14. This issues with approval of the competent authority.

(Dinesh Runiwal)
Scientist-F'/Director
Tel: 011-20819346
E-mail:- d.runiwal@gov.in

Copy To

1. Secretary, Department of Environment, Government of Karnataka, Secretariat, Bangalore-560 001.
2. **Chairman, Karnataka State Pollution Control Board, No. 25, 6– 9th Floor, Public Utility Building, M.G. Road, Bangalore 560 001 - with a request to initiate action in line with OM dated 14-01-2025**
3. Regional Officer, Ministry of Environment, Forest and Climate Change, Integrated Regional Office, Kendriya Sadan, 4th Floor, E&F Wings, 17th Main Road, Koramangala II Block, Bangalore – 560034
4. Chairman, Central Pollution Control Board, Parivesh Bhawan, CBD-Cum-Office Complex, East Arjun Nagar, New Delhi-110 032.
5. Member Secretary, Central Ground Water Authority, A-2, W3, Curzon Road Barracks, K.G. Marg, New Delhi-110001.
6. Chief Wildlife Warden, Govt. of Karnataka, Aranya Bhawan, 18th Cross, Malleswaram, Bangalore-560003
7. District Collector, Kalaburagi District, Karnataka.
8. Guard File/Monitoring File/Website/Record File/Parivesh Portal.

Annexure 1

Specific EC Conditions for (Cement Plants)

1. Specific

S. No	EC Conditions
1.1	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.
1.2	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.
1.3	The project proponent shall utilize modern technologies for capturing carbon emission and shall also develop adequate carbon sink/ carbon sequestration resources with an aim to meet the carbon neutrality mission in a time bound manner. The implementation report shall be submitted to the

S. No	EC Conditions
	IRO, MoEF&CC in this regard. PP shall explore using Municipal waste from nearby municipalities and biomedical wastes from nearby hospitals as an alternative fuel to reduce the unit's overall carbon footprint.
1.4	Hanganhalli (1.0 km,NNE), Udgi (1.5 km, E), Huda (3.0, NW), Mogla (3.5 km, W), Itgi (3.5 km, WSW), Digaon (4.0 km, SSW) alongwith approx. 23 other villages are found in the study area. Proponent shall take appropriate environmental safeguard measures to minimise the impact on the habitation of the locals. The project proponent needs to strengthen green belt all around the plant area to reduce the dust pollution. The PP shall also include some of these locations in its environmental monitoring programme.
1.5	There are water bodies within the study area 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.
1.6	Total water requirement after expansion will be 14721 KLD which is proposed to be sourced from Kagina River and from Mine pit (During summer season). PP shall obtain necessary permission from the Competent Authority in this regard.
1.7	PP shall undertake stringent measures to minimise the levels of PM10 and PM2.5.
1.8	Three tier Green Belt shall be developed in atleast 33% of the project area, as committed, of adequate width and tree density shall not be less than 2500 per ha. 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. PP shall also develop greenbelt in the form of shelter belt comprising of total of 6 rows of 2x2 m plantation with tall trees & broad leaves with thick canopy along with windshield inside the plant premises to act as green barrier for air pollution & noise levels towards sensitive areas nearby project site. Compliance status in this regard, shall be submitted to concerned Regional Office of the MoEF&CC.
1.9	The PP shall undertake plantation, in compliance to MoEFCC OM dated 24.07.2024, in the earmarked 33% greenbelt area as a part of tree plantation campaign 'Ek Ped Maa Ke Naam' Campaign and the details of the same shall be uploaded on MeriLiFE portal at (https://merilife.nic.in)
1.10	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 Rs. 22.5 Crores shall be strictly implemented and progress shall be submitted to the Regional Office of MoEF&CC.
1.11	The project proponent shall undertake village adoption programme and prepare and implement the action plan to develop them into a model village.
1.12	The PP shall conduct regular health check-ups for residents in nearby areas during the post-project monitoring phase. This shall include periodic assessments of common health indicators and potential impacts related to the project activities.
1.13	The PP shall carry out periodic soil health monitoring in nearby agricultural areas during the post-project monitoring phase. Results of the soil assessments shall be shared with local farmers, and

S. No	EC Conditions
	appropriate support shall be provided to improve soil fertility and promote sustainable agricultural practices based on the findings.
1.14	The company shall secure all necessary approvals for interlinked projects to ensure a consistent and reliable supply of raw materials for the proposed project.
1.15	The recommendations of the approved Site-Specific Wildlife Management Plan 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.
1.16	PP shall conduct a fertility assessment study of the surrounding farmlands through an accredited agency and the findings and recommendations thus arrived shall be implemented along with suitable course correction. The same shall be informed to MoEFCC through the IRO
1.17	PP shall conduct periodic random health check-ups within the study area through an accredited agency, specific to the parameters relatable to cement manufacturing operations, and necessary medical aid shall be extended to persons identified with adverse health conditions. The status of the same shall be informed to MoEFCC through the IRO.
1.18	Necessary coordination shall be made with concerned SPCB (who is responsible for Compliance of OM dated 14-01-2025) regarding streamlining the implementation of GSR 702 and GSR 703 dated 12-11-2024 through which projects requiring prior EC were exempted from requirement of CTE.

Standard EC Conditions for (Cement plants)

1. Statutory Compliance

S. No	EC Conditions
1.1	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.
1.2	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.

2. Air Quality Monitoring And Preservation

S. No	EC Conditions
2.1	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

S. No	EC Conditions
	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.
2.2	The project proponent shall carryout Continuous Ambient Air Quality monitoring for common/criterion parameters relevant to the main pollutants released (e.g. PM10 and PM2.5 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.
2.3	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.
2.4	Sampling facility at process stacks shall be provided as per CPCB guidelines for manual monitoring of emissions.
2.5	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.
2.6	The project proponent shall provide leakage detection and mechanized bag cleaning facilities for better maintenance of bags.
2.7	Sufficient number of mobile or stationery vacuum cleaners shall be provided to clean plant roads, shop floors, roofs, regularly.
2.8	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.
2.9	The project proponent shall provide primary and secondary fume extraction system at all heat treatment furnaces.
2.10	Wind shelter fence and chemical spraying shall be provided on the raw material stock piles.
2.11	Design the ventilation system for adequate air changes as per prevailing norms for all tunnels, motor houses, Oil Cellars.
2.12	Pollution control system in the plant shall be provided as per the CREP Guidelines of CPCB.
2.13	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.
2.14	Bag filters shall be cleaned regularly and efficiency of bag filter system shall be monitored at

S. No	EC Conditions
	regular intervals.
2.15	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.
2.16	The particulate matter emissions from the process stacks shall be less than 30 mg/Nm ³ and measures shall be undertaken as per the submitted action plan. Efficient Air monitoring equipment shall be installed.
2.17	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) like Iron Ore, Coal and for Fly Ash and similar solid waste storage areas. 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.
2.18	CO sensors with alarm must be installed at strategic locations inside the Plant.

3. Air Quality Monitoring And Preservation In Case Of Integrated Cement Plants

S. No	EC Conditions
3.1	Provide Low NO _x burners as primary measures and SCR /NSCR technologies as secondary measure to control NO _x emissions.
3.2	The emission norms applicable for the cement plant shall be adhered to.
3.3	Dioxin and Furan monitoring shall be carried out once in six months at cement kiln stack.
3.4	DeSO _x system shall be provided dry type. NO _x level shall be maintained below 600 mg/Nm ³ by using best available technology.
3.5	Petcoke dosing shall be controlled automatically to control SO ₂ emission from chimney within the prescribed limits.
3.6	PP shall identify the Source of fluoride emissions and action plan to mitigate the same shall be implemented.
3.7	Pollution control system in the cement plant shall be provided as per the CREP Guidelines of CPCB.
3.8	During operational phase at Captive Power Plant, Action Plan to monitor coke/coal dust exposures in different process plants using personal and area air samplers and to compare with permissible limits as per Indian Factories Act, 1948 shall be implemented.
3.9	The coal dust should be monitored at coal unloading, crushing, furnace areas and should be within 2 mg/m ³ , respirable dust fraction containing less than 5% quartz as per Indian Factories Act, 1948.

4. Water Quality Monitoring And Preservation

S. No	EC Conditions
4.1	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.
4.2	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.
4.3	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.
4.4	Water meters shall be provided at the inlet to all unit processes in the steel plants.
4.5	The project proponent shall make efforts to minimise water consumption in the steel plant complex by segregation of used water, practicing cascade use and by recycling treated water.
4.6	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.
4.7	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.
4.8	Rain water harvesting shall be implemented to recharge/harvest water as per the action plan submitted in the EIA/EMP report.
4.9	Air Cooled condensers shall be used in the captive power plant.

5. Noise Monitoring And Prevention

S. No	EC Conditions
5.1	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.
5.2	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.
5.3	PP shall identify extreme hot areas through heat stress survey as well as noise monitoring within process plants to ensure that workers not exposed above 90 dBA levels as per Factories Act, 1948.

6. Energy Conservation Measures

S. No	EC Conditions
6.1	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;
6.2	Provide LED lights in their offices and residential areas.

7. Energy Conservation Measures In Case Of Integrated Cement Plants

S. No	EC Conditions
7.1	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.
7.2	Maximize utilization of fly ash, slag and sweetener in cement blend as per BIS standards.
7.3	Maximize utilization of alternate fuels and Co-processing to achieve best practice norms.
7.4	Waste heat recovery system shall be provided for kiln and cooler.

8. Waste Management

S. No	EC Conditions
8.1	Oil Collection pits shall be provided in oil cellars to collect and reuse/recycle spilled oil.
8.2	Kitchen waste shall be composted or converted to biogas for further use.
8.3	100% utilization of fly ash shall be ensured. All the fly ash shall be provided to cement and brick manufacturers for further utilization and Memorandum of Understanding in this regard shall be submitted to the Ministry's Regional Office.
8.4	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.
8.5	A proper action plan must be implemented to dispose of the electronic waste generated in the industry.

9. Green Belt

S. No	EC Conditions
9.1	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.
9.2	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.
9.3	Greening and Paving shall be implemented in the plant area to arrest soil erosion and dust pollution from exposed soil surface.

10. Public Hearing And Human Health Issues

S. No	EC Conditions
10.1	Emergency preparedness plan based on the Hazard identification and Risk Assessment (HIRA) and Disaster Management Plan shall be implemented.
10.2	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.
10.3	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.
10.4	Occupational health surveillance of the workers shall be done on a regular basis and records maintained.

11. Environment Management

S. No	EC Conditions
11.1	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.
11.2	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.

S. No	EC Conditions
11.3	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.
11.4	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.
11.5	Monitor the health of the soil in the vicinity of the Plant (5 K.M. radius) periodically (once a year) and report to the IRO.
11.6	Provide annual Wind Rose Diagram (for all seasons) taking data from secondary sources to the RO MoEF&CC through half yearly self compliance.
11.7	Document "Inversion height" and "Mixing height" without any ambiguity.

12. Miscellaneous

S. No	EC Conditions
12.1	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.
12.2	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.
12.3	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.
12.4	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.
12.5	Action plan for developing connecting and internal road in terms of MSA as per IRC guidelines shall be implemented
12.6	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.
12.7	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.

S. No	EC Conditions
12.8	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.
12.9	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.
12.10	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.
12.11	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.
12.12	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).
12.13	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.
12.14	The Ministry may revoke or suspend the clearance, if implementation of any of the above conditions is not satisfactory.
12.15	The Ministry reserves the right to stipulate additional conditions if found necessary. The Company in a time bound manner shall implement these conditions.
12.16	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.
12.17	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.

Additional EC Conditions

Not Applicable.

Details of the proposal are as per the EIA/EMP report

S. No.	Particulars	Details	Remarks																																																																		
1.	Total land	Total plant area is 625.12 ha (Plant & Colony)	Land use is industrial type.																																																																		
2.	Land acquisition details as per MoEF&CC O.M. dated 7/10/2014	Total plant area is 625.12 Ha and the proposed expansion will be done within the existing plant premises. Land is already under possession of the company.	The land use has already been converted to industrial. Thus, there will be no change in land use																																																																		
3.	Existence of habitation & involvement of R&R, if any.	Project Site: No habitation exists within the plant site. Study Area: Villages nearby the plant site are as given below: <table><thead><tr><th>Habitation</th><th>Distance (km)</th><th>Direction</th></tr></thead><tbody><tr><td>Village Hanganhalli</td><td>~1.0</td><td>NNE</td></tr></tbody></table> However, 29 Villages are falling within 10 km radius of the study area.	Habitation	Distance (km)	Direction	Village Hanganhalli	~1.0	NNE	R & R is not applicable																																																												
Habitation	Distance (km)	Direction																																																																			
Village Hanganhalli	~1.0	NNE																																																																			
4.	Latitude and Longitude of all corners of the project site	<table><thead><tr><th colspan="3">Corner Coordinates of Plant Area</th></tr><tr><th>Point</th><th>Latitude</th><th>Longitude</th></tr></thead><tbody><tr><td>1.</td><td>17° 8'41.12"N</td><td>77° 9'58.02"E</td></tr><tr><td>2.</td><td>17° 8'46.47"N</td><td>77°10'11.63"E</td></tr><tr><td>3.</td><td>17° 8'48.31"N</td><td>77°10'28.63"E</td></tr><tr><td>4.</td><td>17° 8'50.23"N</td><td>77°10'38.15"E</td></tr><tr><td>5.</td><td>17° 8'52.41"N</td><td>77°10'56.68"E</td></tr><tr><td>6.</td><td>17° 8'54.20"N</td><td>77°11'15.15"E</td></tr><tr><td>7.</td><td>17° 8'55.33"N</td><td>77°11'25.16"E</td></tr><tr><td>8.</td><td>17° 8'58.01"N</td><td>77°11'46.53"E</td></tr><tr><td>9.</td><td>17° 9'1.55"N</td><td>77°11'59.10"E</td></tr><tr><td>10.</td><td>17° 9'5.21"N</td><td>77°12'10.62"E</td></tr><tr><td>11.</td><td>17° 9'0.09"N</td><td>77°12'22.62"E</td></tr><tr><td>12.</td><td>17° 8'56.82"N</td><td>77°12'19.57"E</td></tr><tr><td>13.</td><td>17° 8'55.70"N</td><td>77°12'17.85"E</td></tr><tr><td>14.</td><td>17° 8'53.05"N</td><td>77°12'17.98"E</td></tr><tr><td>15.</td><td>17° 8'52.35"N</td><td>77°12'14.06"E</td></tr><tr><td>16.</td><td>17° 8'54.12"N</td><td>77°12'12.34"E</td></tr><tr><td>17.</td><td>17° 8'52.52"N</td><td>77°12'5.52"E</td></tr><tr><td>18.</td><td>17° 8'52.09"N</td><td>77°12'5.37"E</td></tr><tr><td>19.</td><td>17° 8'53.97"N</td><td>77°11'55.68"E</td></tr><tr><td>20.</td><td>17° 8'50.43"N</td><td>77°11'55.25"E</td></tr></tbody></table>	Corner Coordinates of Plant Area			Point	Latitude	Longitude	1.	17° 8'41.12"N	77° 9'58.02"E	2.	17° 8'46.47"N	77°10'11.63"E	3.	17° 8'48.31"N	77°10'28.63"E	4.	17° 8'50.23"N	77°10'38.15"E	5.	17° 8'52.41"N	77°10'56.68"E	6.	17° 8'54.20"N	77°11'15.15"E	7.	17° 8'55.33"N	77°11'25.16"E	8.	17° 8'58.01"N	77°11'46.53"E	9.	17° 9'1.55"N	77°11'59.10"E	10.	17° 9'5.21"N	77°12'10.62"E	11.	17° 9'0.09"N	77°12'22.62"E	12.	17° 8'56.82"N	77°12'19.57"E	13.	17° 8'55.70"N	77°12'17.85"E	14.	17° 8'53.05"N	77°12'17.98"E	15.	17° 8'52.35"N	77°12'14.06"E	16.	17° 8'54.12"N	77°12'12.34"E	17.	17° 8'52.52"N	77°12'5.52"E	18.	17° 8'52.09"N	77°12'5.37"E	19.	17° 8'53.97"N	77°11'55.68"E	20.	17° 8'50.43"N	77°11'55.25"E	-
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S. No.	Particulars	Details			Remarks
		21.	17° 8'50.20"N	77°11'52.21"E	
		22.	17° 8'46.89"N	77°11'52.66"E	
		23.	17° 8'46.81"N	77°11'51.93"E	
		24.	17° 8'43.46"N	77°11'52.25"E	
		25.	17° 8'43.38"N	77°11'50.20"E	
		26.	17° 8'43.09"N	77°11'47.96"E	
		27.	17° 8'20.63"N	77°11'53.48"E	
		28.	17° 8'6.11"N	77°11'53.14"E	
		29.	17° 8'6.60"N	77°12'0.45"E	
		30.	17° 7'57.01"N	77°12'2.88"E	
		31.	17° 7'54.28"N	77°11'58.44"E	
		32.	17° 7'47.55"N	77°11'56.18"E	
		33.	17° 7'50.70"N	77°11'53.24"E	
		34.	17° 7'46.24"N	77°11'30.26"E	
		35.	17° 7'45.07"N	77°11'13.12"E	
		36.	17° 7'54.30"N	77°11'8.44"E	
		37.	17° 7'54.67"N	77°10'59.91"E	
		38.	17° 7'58.16"N	77°10'59.62"E	
		39.	17° 7'56.89"N	77°10'42.41"E	
		40.	17° 7'59.21"N	77°10'41.89"E	
		41.	17° 7'54.51"N	77°10'7.84"E	
		42.	17° 8'17.74"N	77°10'8.47"E	
		43.	17° 8'25.77"N	77°10'5.27"E	
		44.	17° 8'30.84"N	77°10'0.59"E	
		Corner Coordinates of Lorry & Parking Area			
		Point	Latitude	Longitude	
		A	17° 8'51.58"N	77°10'40.47"E	
		B	17° 8'56.61"N	77°10'37.69"E	
		C	17° 8'56.40"N	77°10'36.97"E	
		D	17° 8'57.52"N	77°10'36.54"E	
		E	17° 8'58.20"N	77°10'37.74"E	
		F	17° 9'1.43"N	77°10'37.88"E	
		G	17° 9'4.39"N	77°10'46.42"E	
		H	17° 9'1.47"N	77°10'46.30"E	
		I	17° 9'1.55"N	77°10'51.20"E	
		J	17° 9'1.02"N	77°10'51.07"E	
		K	17° 9'0.91"N	77°10'50.72"E	
		L	17° 8'56.25"N	77°10'50.62"E	
		M	17° 8'56.24"N	77°10'49.64"E	
		N	17° 8'52.35"N	77°10'49.12"E	
5.	Elevation of the project site	417 m to 454 m above mean sea level.			-

S. No.	Particulars	Details	Remarks												
6.	Involvement of Forest land if any.	No Forest Land is involved within the plant site.													
7.	Water body (Rivers, Lakes, Pond, Nala, Natural Drainage, Canal etc.) exists within the project site as well as study area	Project Site: No water body exists within the plant site. Study area: Following water bodies are falling in the 10 km radius study area: <table><tr><th>Water body</th><th>Distance (km)</th><th>Direction</th></tr><tr><td>Kagina River</td><td>5.5</td><td>NW</td></tr><tr><td>Banithora River</td><td>7.5</td><td>NNW</td></tr><tr><td>Kona Halla River</td><td>8.5</td><td>NNE</td></tr></table>	Water body	Distance (km)	Direction	Kagina River	5.5	NW	Banithora River	7.5	NNW	Kona Halla River	8.5	NNE	-
Water body	Distance (km)	Direction													
Kagina River	5.5	NW													
Banithora River	7.5	NNW													
Kona Halla River	8.5	NNE													
8.	Existence of ESZ/ ESA/national park/ wildlife sanctuary/ biosphere reserve/ tiger reserve/ elephant reserve etc. if any within the study area.	Nil													
9.	Details of inter-linked Projects needs to be submitted	Captive Rajashree Limestone mine (ML Area - 715.987 Ha) with production capacity of 13.4 Million TPA located at Villages: Malkhed, Hanganahalli, Udgi & Diggaon, Adityanagar, P.O.: Malkhed Road, Taluka: Sedam, District: Kalaburagi (Karnataka). <i>Environmental Clearance for the same has been obtained from MoEFCC, New Delhi vide letter no. J-11011/65/2010-IA-II (I) dated 29th April, 2011.</i> To cater the limestone requirement for the proposed expansion in Integrated Cement Plant; UTCL is proposing Diggaon limestone block (5.1 Million TPA capacity). ToR Letter has been issued by MoEFCC, New Delhi vide Letter No. IA-J-11015/20/2023-IA-II(NCM), dated 25th Sept. 2023, Public Hearing was conducted on 21st Aug., 2024.	-												

Unit configuration and capacity

S. No.	Plant Equipment / Facility	Existing Facilities as per EC dated 29 th April, 2011								Proposed Unit		Final (Existing + Proposed)	
		Total (A + B)		Implemented (A)		Un - implemented (B)		As per CTO					
		Configuration	Capacity	Configuration	Capacity	Configuration	Capacity	Configuration	Capacity	Configuration	Capacity	Configuration	Capacity
1.	Clinker *	Kiln: 28000 TPD	9.0 MTPA	Kiln: 28000 TPD	9.0 MTPA	Nil	Nil	Kiln: 28000 TPD	9.0 MTPA	Kiln: 13000 TPD	4.3 MTPA	Kiln: 13000 TPD	13.3 MTPA
2.	Cement	Mill: 1200 TPH	8.7 MTPA	Mill: 1200 TPH	8.7 MTPA	Nil	Nil	Mill: 1200 TPH	8.7 MTPA	Mill: 450 TPH	5.0 MTPA	Mill: 450 TPH	13.7 MTPA
3.	CPP	Boiler capacity 805 TPH	175 MW	Boiler capacity 497 TPH	108.2 MW	Boiler capacity 308 TPH	66.8 MW	Boiler capacity 497 TPH	108.2 MW	Boiler capacity 230 TPH	50 MW	Boiler capacity 797 TPH	158.2 MW
4.	WHRS*	10.77 MW Turbine	15 MW	10.77 MW Turbine	15 MW	Nil	Nil	23.77 MW Turbine	27 MW	22 MW Turbine	20 MW	45.77 MW Turbine	47 MW
<i>*Surplus Clinker will be sent to sister Grinding units of UltraTech</i> <i>**Consent for Operation (CFO) for Expansion of WHRS to 27 MW has been obtained dated 21st October, 2021 and valid up to 30th June, 2026.</i> <i>***RMC & aggregate crusher will be installed for plant construction purpose</i>													

Action plan as per MoEF&CC O.M. dated 30/09/2020

S . N o .	Conce rns raised durin g the Public Heari ng	Physic al activit y to be done	Unit of Measurement										Ten tati ve Bud get (Rs. in lacs)
			1 st Year		2 nd Year		3 rd Year		4th Year		5th Year		
			Loca tion / Area	Bu dg et in La kh s	Locati on / Area	Bu dg et in La kh s	Loca tion / Area	Bu dg et in La kh s	Loca tion / Area	Bu dg et in La kh s	Loca tion / Area	Bu dg et in La kh s	
1	Educa tion	STEM Learni ng	Huda -B & Udag i	20	Hanga nahalli	10	Dand oti & Digg aon	20	Malk ed	10	Huda -k	10	70
		Constr uction of toilets in School	Malk hed & Hang anhal li	20	Tanda	10	Dand oti,	10	Digg ao	10	Udag i & Huda K	20	70
		Renov ation of school	Tand a	12	Malke d & Hanga nahalli	24	Huda	12	Udag i & Dand oti	24	Digg ao	12	84
		Suppor t for Cruch centres	Udag i GP	5	Digga o GP	5	Huda & Hang anaha lli	10	Malk ed GP	5	Dand oti & Huda K	10	35
		Develo pment of model angana wadi's	Tand a,	10	Digga o & Han ganah alli	20	Hang analli	10	Malk ed & Huda	20	Dand oti	10	70
		Sports develo pment	Tand a & Dand oti	12	Digga o	6	Hang analli & Huda	12	Malk ed	6	Hang anaha lli	6	42
		Total											
2	Infras tructu re Devel opme nt: water, road and model	Comm unity hall constru ction	Huda	10	Digga o & Tanda	20	Malk ed	10	Hang anaha lli	10	Tand a & Da ndoti	20	70
		Repair of roads and drainag es	Malk ed	10 0	Udagi	10 0	Huda & Digg aon	20 0	Hang analli & Da ndoti	20 0	Tand a,	10 0	700

S . N o .	Conce rns raised durin g the Public Heari ng	Physic al activit y to be done	Unit of Measurement										Ten tati ve Bud get (Rs. in lacs)	
			1 st Year		2 nd Year		3 rd Year		4th Year		5th Year			
			Loca tion / Area	Bu dg et in La kh s	Locati on / Area	Bu dg et in La kh s	Loca tion / Area	Bu dg et in La kh s	Loca tion / Area	Bu dg et in La kh s	Loca tion / Area	Bu dg et in La kh s		
	villag e	RO plant installa tion	Huda	10	Hanga nalli & Malke d	20	Udag i	10	Tand a	10	Digg ao & Dand oti	20	70	
		Bus Shelter , Library and Rural haat	Digg ao & Dand oti	12	Huda	6	Tand a & Hang analli	12	Malk ed	6	Udag i	6	42	
		Develo pment of model village	Hang analli	90	-						Kish an Tand a	90	180	
		Solar Streetli ghts	Digg ao & Huda	20	Malke d,	10	Tand a	10	Hang analli & Dand oti	20	Udag i	10	70	
		Suppor t for Gausha la	Hang analli	25			Hang analli	25			Hang analli	25	75	
		Total												120 7
3	Healt h and Sanita tion	Health camps (Gener al and special)	Kish an Tand a	10	Udagi & Hanga nalli	20	Digg ao	10	Huda	10	Malk ed & Dand oti	20	70	
		Comm unity and individ ual toilet blocks	Tand a & Udag i	20	Dando ti	10	Digg ao	10	Huda & Hang analli	20	Malk ed	10	70	
		Supply ing of hearing aids and artifici	Udag i	6	Digga on	6	Malk ed	12	Hang analli	6	Dand oti	6	36	

S . N o .	Conce rns raised durin g the Public Heari ng	Physic al activit y to be done	Unit of Measurement										Ten tati ve Bud get (Rs. in lacs)
			1 st Year		2 nd Year		3 rd Year		4th Year		5th Year		
			Loca tion / Area	Bu dg et in La kh s	Locati on / Area	Bu dg et in La kh s	Loca tion / Area	Bu dg et in La kh s	Loca tion / Area	Bu dg et in La kh s	Loca tion / Area	Bu dg et in La kh s	
		al limps											
		Suppor t for PHC and CHC	Udag i	20	Malke d &Tan da	40	Digg ao GPs	20	Huda & Dand oti	40	Hang analli	20	140
		Total											316
	Sustai nable Liveli hood	Income generat ion activiti es, Trainin g and capacit y buildin g of women and youth	Tand a & Hang analli i	20	Huda	10	Udag i	10	Beeja nalli	10	Dand oti & Malk ed	20	70
		Livesto ck and agro/h orticult ure develo pment	Huda	10	Tanda & Digga o	20	Malk ed	10	Dand oti	10	Hang analli & Udag i	20	70
		Access to water and ground level reaches for agri livelih ood	Tand a,	10	Dando ti & Udagi	20	Beeja nalli	10	Huda & Hang analli	20	Malk ed	10	70
		Agri equipm ent for agri livelih ood	Tand a & Udag i	24	Digga o	12	Dand oti & Malk ed	24	Huda ,	12	Hang analli ,	12	84
		Sub - Total											294

S . N o .	Conce rns raised durin g the Public Heari ng	Physic al activit y to be done	Unit of Measurement										Ten tati ve Bud get (Rs. in lacs)
			1 st Year		2 nd Year		3 rd Year		4th Year		5th Year		
			Loca tion / Area	Bu dg et in La kh s	Locati on / Area	Bu dg et in La kh s	Loca tion / Area	Bu dg et in La kh s	Loca tion / Area	Bu dg et in La kh s	Loca tion / Area	Bu dg et in La kh s	
5	Social Welfa re	Malke d Utsav	Malk ed	10	Malke d	5	Malk ed	5	Malk ed	5	Malk ed	10	35
		Suppor t for local art and culture	Malk ed	3	Tanda & Hanga nalli,	6	Dand oti	3	Udag i & Huda	6	Digg ao GPS	3	21
		Kanna da Aware ness Progra m	Digg ao, Malk ed	2			Huda & Dand oti	2			Udag i, Hang analli	2	6
	Sub - Total												62
Grand Total												225 0	
NOTE: Nature of the activities & village can be interchanged from village to village may vary based on the outcome of need base analysis during the execution phase in coordination with local Gram Panchayat within the overall budget proposed here for Socio- Economic Development Plan. First year will be start of commencing of the Project.													

Budget for EMP

S. No.	Particulars	Existing (in Crores)		Proposed (in Crore)		Total (in Crore)	
		Capital Cost	Recurring Cost	Capital Cost	Recurring Cost	Capital Cost	Recurring Cost
1.	Air Pollution Control	180	7.8	90.0	1.3	270	9.1
2.	Water Pollution Control & Rain Water Harvesting Measures	60	3	30.0	0.50	90	3.5
3.	Noise Pollution Control	20	0.6	10.0	0.10	30	0.7
4.	Environmental Monitoring & Management	20	1.8	10.0	0.30	30	2.1
5.	Greenbelt and plantation	20	1.8	10.0	0.30	30	2.1
Sub -Total		300.0	15.0	150.0	2.5	450	17.5
6.	Addressal of Public Consultation Concerns	0	0	22.50	0	22.50	0
Grand Total		300.0	15.0	172.5	2.5	472.5	17.5