



सत्यमेव जयते

File No: IA-J-11011/289/2022-IA-II(I)
Government of India
Ministry of Environment, Forest and Climate Change
IA Division



Date 11/03/2024



To,

Shri. Veerendra Basavaraj Koujalagi
M/s. UKEM Agre Infra Limited
Laxmi Business House, SR No. 98/2A/1A/1, Manjunath Nagar Cross, Gokul Road, Opp.
Basaveshwaranagar Bus Stop Hubli, Dharwad, Karnataka - 580030, Dharwad, DHARWAD,
KARNATAKA, 580030
ukemltd2022@gmail.com

Subject: Establishment of 5000 TCD Sugar Plant, 30 MW Co-generation Unit and 300 KLPD Multi feed Distillery (Cane Syrup/Grain/Molasses) Unit located at Sy. Nos. 119/1, 119/2A, 119/3, 120/1, 120/3, 120/4, 120/5, 120/6, 121, 123/1, 123/2, 123/3, 125/1, 125/2, 130/2, 133/1, 133/2, 134/1A of Muddhaballi Village, Koppal Taluk, Koppal District, Karnataka by M/s. UKEM Agre Infra Limited -regarding.

Sir/Madam,

This is in reference to your application submitted to MoEF&CC vide proposal number IA/KA/IND2/448371/2023 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.	EC23A2501KA5206003N
(ii) File No.	IA-J-11011/289/2022-IA-II(I)
(iii) Clearance Type	Fresh EC
(iv) Category	A
(v) Project/Activity Included Schedule No.	5(g) Distilleries,1(d) Thermal Power Plants,5(g) Distilleries,5(j) Sugar Industry
(vi) Sector	Industrial Projects - 2 Establishment of 5000 TCD Sugar Plant, 30 MW Co-generation unit and 300 KLPD Multi feed
(vii) Name of Project	(Cane Syrup/Grain/Molasses) Distillery Unit by M/s. UKEM Agre Infra Limited
(viii) Name of Company/Organization	Veerendra Basavaraj Koujalagi

(ix) Location of Project (District, State)	KOPPAL, KARNATAKA
(x) Issuing Authority	MoEF&CC
(xi) Applicability of General Conditions as per EIA Notification, 2006	No

3. The Ministry of Environment, Forest and Climate Change has examined the proposal for proposed establishment of 5000 TCD Sugar Plant, 30 MW Co-generation Unit and 300 KLPD Multi feed Distillery (Cane Syrup/Grain/Molasses) Unit located at Muddhaballi Village, Koppal Taluk, Koppal District, Karnataka State by M/s. UKEM Agre Infra Limited.

4. The proposal was considered in EAC (Ind-2) meetings held on 31st October, 2023 and 30th January, 2024 wherein the project proponent and their accredited Consultant M/s. Environmental Health & Safety Consultants Pvt. Ltd. (NABET certificate no. NABET/EIA/2124/SA 0192/Rev and validity: 22.08.2024) made a detailed presentation on the salient features of the project. The minutes of the meeting and all the Application and documents submitted [(viz. Form-1 Part A, Part B, Part C EIA, EMP)] are available on PARIVESH portal which can be accessed by scanning the QR Code available above or through the following web link [click here](#).

5. All molasses based distillery projects exceeding threshold limits > 100 KLPD are listed under item No. 5 (g), Sugar Plants listed under 5 (j) & Thermal power Plants exceeding 25 MW are listed under item No. 1 (d) of Schedule of Environment Impact Assessment (EIA) Notification under Category 'A' and are appraised at Central Level by Expert Appraisal Committee (EAC).

6. The details of products and capacity are enclosed at Annexure-2.

7. Standard Terms of Reference have been obtained vide proposal No. IA/KA/IND2/286328/2022 in the name of M/s. UKEM Agre Infra Private Limited on 12.08.2022. Later the industry changed the name from M/s. UKEM Agre Infra Private Limited to M/s. UKEM Agre Infra Limited. Accordingly, the request letter was submitted on 31.10.2022 for the withdrawal of TOR to the Ministry. Further, a fresh application was submitted vide proposal No. IA/KA/IND2/404341/2022 in the name of M/s. UKEM Agre Infra Limited and based on which Standard Terms of Reference were issued vide proposal No. F. No. IA-J-11011/289/2022-IA-II(I) on 22.11.2022. It was informed that there is no litigation pending against the project.

Public Hearing for the proposed project had been conducted by the Karnataka State Pollution Control Board on 14.07.2023 at Project Site Muddhaballi Village, Koppal Taluk, Koppal District, Karnataka State chaired by Smt. Savitri B Kadi I.A.S., Additional Deputy Commissioner, Koppal District, Karnataka. The main issues raised during the public hearing and their action plan are enclosed at Annexure-5.

8. Total land area required is 19.46 hectares. Greenbelt will be developed in total area of 6.44 hectares i.e., 33 % of total project area. The estimated project cost is Rs. 601.5 Crores. Capital cost of EMP would be Rs. 17.80 Crores and the recurring cost for EMP would be Rs. 1.55 Crores per annum. Industry proposes to allocate Rs. 6.015 Crores towards Extended EMP (Corporate Environment Responsibility). Total Employment will be 200 persons as direct & indirect.

9. There are no national parks, wildlife sanctuaries, Biosphere Reserves, Tiger/Elephant Reserves, Wildlife Corridors etc. within 10 Km radius of the study area. Water bodies: Hosahalli Lake is at a distance of 3.10 Km in the NE direction. Tungabhadra Reservoir/River is at a distance of 0.70 Km in the SW direction for which NOC has been obtained from Karnataka Neeravari Nigam Limited, Govt. of Karnataka vide letter no.EE/KNNL/No.1TRD/TS-4/2023-24/1640 dated: 10.10.2023 stating that the factory does not fall under the Tungabhadra Upstream River Flood Plain Zone area & the project site is located at a distance greater than 0.5 Km from Tungabhadra Reservoir. Three Nalas are passing inside the project site and permission has been obtained from Assistant Executive Engineer, KNNL, Hirehalla Subdivision, Kinnal, Koppal Taluk and District vide letter No. AEE:KNNL: HHP: TS: 2023 – 23/301 on 29.11.2023.

10. Ambient Air Quality Monitoring was carried out at 8 locations from 1st October 2022 to 31st December 2022 and the baseline data indicates the ranges of concentrations as: PM10 (50.04 mg/m³ to 54.00 mg/m³), PM2.5 (22.67 mg/m³ to 26 mg/m³), SO₂ (5.93 mg/m³ to 6.65 mg/m³) and NO₂ (18.81 mg/m³ to 21.39 mg/m³). AAQ modelling study for point source emissions indicates that the maximum incremental GLCs after the proposed project would be 1.45 g/m³ & 0.01 µ

g/m³ with respect to PM₁₀ & SO₂. The resultant concentrations are within the National Ambient Air Quality Standards (NAAQS).

As suggested by EAC, two additional cross wind locations were added to the existing AAQM locations and 1-month additional baseline data were collected from 1st November to 30th November 2023 for 12 AAQM parameters. The additional baseline AAQM results indicates that, the PM₁₀ is ranging from 51.31 g/m³ to 68.78 g/m³, PM_{2.5} from 16.0 µg/m³ to 27.06 g/m³, SO₂ from 6.18 g/m³ to 9.57 g/m³, NO₂ from 15.76 g/m³ to 24.60 g/m³, CO from 0.93 mg/m³ to 1.53 mg/m³, Ozone from 12.11 g/m³ to 18.86 g/m³, NH₃ from 6.26 g/m³ to 7.43 g/m³ and all the observed values during the additional data collection are well within the NAAQ prescribed standards.

11. The fresh water requirement during the crushing season shall be Nil for Sugarcane Crushing Unit, distillery & Cogeneration Unit & only 25 CMD of water will be taken from Tungabhadra River for Domestic purposes and the treated condensate from Sugar Cruising Unit of 1900 CMD will be reused for Syrup based ethanol production. During the non-crushing season, 1200 CMD of fresh water will be taken from Tungabhadra River (Reservoir backwater) for Grain based or Molasses based (33 days) ethanol production. Application was submitted to Water Resource Department, Vikasa Souda, Govt. of Karnataka Bangalore on 20.07.2022 and which was accepted by Chief Engineer Karnataka Neeravari Nigama Limited Govt. of Karnataka vide letter dated: 06.004.2023 and recommended to Managing Director, KNNL for issue of NOC for drawl of 35.31 Mcft water from Tungabhadra River.

Effluent of 2149 CMD from Syrup mode, 2402 CMD from Molasses mode and 2244 CMD from Grain mode will be treated through Condensate Polishing Unit of Capacity 4000 KLPD and generated condensate from sugar unit will be treated in Condensate Polishing Unit of capacity 2500 KLPD and the generated effluent from Sugar cane crushing unit of 460 KLD will be treated in Effluent Treatment Plant of capacity 500 KLPD. Sugar unit treated condensate of 1900 KLD will be utilized for the Distillery to reduce fresh water requirement. STP of capacity 20 KLPD will be installed to treat sewage generated from factory premises. The plant will be based on Zero Liquid discharge system and no effluent/treated water will be discharged outside factory premises.

12. Total Power requirement will be 8.20 MW during the season and 2.09 MW during the off-season which will be met from the proposed 30 MW co-generation power plant. 120 TPH bagasse fired boiler & 60 TPH incineration boilers will be installed. APCE such as 2 No of ESPs with a stack of the height of 90 m will be installed for controlling the particulate matter emissions within the statutory limit of 30 g/Nm³ for the proposed bagasse and coal-fired boilers. 2 X 500 KVA & 1 X 1000 KVA DG sets will be used as standby during power failure and stack height (30 m AGL) will be provided as per CPCB norms to the proposed DG sets.

13. Details of Process emissions generation and its management:

- The air pollution sources in the proposed project are 120 TPH Boiler & 60 TPH incineration boilers, DG sets of capacity 2 x 500 KVA and 1000 KVA DG sets. Loading and unloading of Bagasse, Ash generated from the process, vehicular movement and fugitive emissions from distillery operations.
- APCE such as 2 No of Electrostatic Precipitators with a stack height of 90 meters will be installed to 120 TPH & 60 TPH boilers for controlling the particulate matter emissions.
- Online Continuous Emission Monitoring System will be installed with the stack and data will be transmitted to CPCB/SPCB servers.
- CO₂ generated during the fermentation process will be collected by utilizing CO₂ scrubbers and it shall be collected in the proposed bottling plant.
- Water sprinkling will be carried out near to bagasse yard and coal yard.

14. Details of solid waste/Hazardous waste generation and its management:

- Yeast sludge from the fermenter and digester of 9 TPD will collected through the Mechanical Conveyor and used as Manure within the plant premises for green belt development and also sold to farmers.
- CPU Sludge (0.012 MT/day), STP Sludge (0.005 TPD) & ETP Sludge (0.017 TPD) will be dewatered through Filter

press and used as Manure within the plant premises for green belt development and also sold to farmers.

- Fly Ash (28 MT/day) & Bottom Ash (12 MT/day) will be collected in silos and Sold to brick manufacturers
- Bagasse (1500 TPD) will Used as boiler fuel.
- Dry Distilleries Grain Soluble (DDGS) of 240 TPD will be sold as Cattle Feed.
- Domestic solid waste of 62.5 Kgs/day will be collected separately as organic & inorganic solid wastes in separate bins and handed over to Koppal Municipality for further treatment.
- Used oil from DG sets of 100 L/A will be stored at an identified place in leak-proof sealed barrels & Used as lubricants for Conveyor chains and sprockets within the plant
- Oil Soaked Cotton waste of 20 Kgs/A will be used for the startup of for Boiler.

Total land of 19.46 Hectares is under the possession of the company and obtained Government Order from Commerce and Industries Department, Govt. of Karnataka on 28.09.2022 for the entire land & the said Govt. Order is a deemed land conversion. EAC found the information satisfactory.

15. During deliberations, EAC discussed the following issues:

- EAC suggested that the industry shall refrain from cutting trees and ensure the protection of existing trees.
- EAC suggested that the industry shall widen and maintain the Madhuballi village road to 15 meters, which connects the proposed site to the nearest highway.
- EAC suggested that the industry shall develop greenbelt of 10 m width on both sides of the nala which is passing through the proposed site. Further, the greenbelt shall be thickened towards the village side.
- As the Industry has proposed bagasse and coal as fuel for boilers, the particulate matter emission shall be less than $30 \mu\text{g}/\text{Nm}^3$.

16. The committee was satisfied with the response provided by PP on the above information. Further, the Committee desired to submit the above information in writing. Accordingly, PP has submitted the desired information and EAC found the information/commitments satisfactory.

17. The EAC, constituted under the provision of the EIA Notification, 2006 and comprising of Experts Members/domain experts in various fields, have examined the proposal submitted by the Project Proponent in desired form along with the EMP report prepared and submitted by the Consultant accredited by the QCI/ NABET on behalf of the Project Proponent. The EAC noted that the Project Proponent has given 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 report. 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.

18. The Committee noted that the EIA/EMP report is in compliance of the ToR issued for the project, reflecting the present environmental concerns and the projected scenario for all the environmental components. The Committee has found the baseline data is within NAAQ standards. The Committee has deliberated the action plan proposed by the project proponent to arrest the incremental GLC due to the project. The Committee has also deliberated on the CER plan and found to be addressing the issues in the study area. The EAC has deliberated the proposal and has made 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 have found the proposal in order and have **recommended** for grant of environmental clearance.

19. The environmental clearance granted to the project/activity is strictly under the provisions of the EIA Notification 2006 and its 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. Based on the proposal submitted by the project proponent and recommendations of the EAC (Industry-2), Ministry of Environment, Forest and Climate Change hereby accords environmental clearance to the project **proposed establishment**

of 5000 TCD Sugar Plant, 30 MW Co-generation Unit and 300 KLPD Multi feed Distillery (Cane Syrup/Grain/Molasses) Unit located at Muddhaballi Village, Koppal Taluk, Koppal District, Karnataka State by M/s. UKEM Agre Infra Limited, under the provisions of the EIA Notification, 2006, and the amendments therein, subject to compliance of the terms and conditions enclosed at Annexure-1.

21. 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.

22. 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.

23. 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.

24. The above conditions will 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, the Hazardous Waste (Management, Handling and Transboundary Movement) Rules, 2016 and the Public Liability Insurance Act, 1991 read with subsequent amendments therein.

25. This issues with the approval of the competent authority.

Copy To

1. The Secretary, Department of Forest, Environment & Ecology, Government of Karnataka, Room No. 708, Gate 2, Multi Storey Building, Dr. Ambedkar Veedhi, Bangalore - 1
2. The Regional Officer, Ministry of Env., Forest and Climate Change, Regional Office, Kendriya Sadan, 4th Floor, E&F Wings, 17th Main Road, Koramangala II Block, Bangalore - 34
3. The Member Secretary, Central Pollution Control Board, Parivesh Bhawan, CBD-cum-Office Complex East Arjun Nagar, Delhi - 32
4. The Member Secretary, Karnataka State Pollution Control Board, Parisara Bhavan, #49, 4th& 5th Floor, Church Street, Bangalore -1
5. Compliance and Monitoring Division-IA Division, Ministry of Environment, Forest and Climate Change, Indira Paryavaran Bhawan, Jor Bagh Road, New Delhi
6. The District Collector, Koppal District, Karnataka
7. Guard File/Monitoring File/Parivesh portal/Record File.

Annexure 1

Specific EC Conditions for (Distilleries)

1. Specific Condition

S. No	EC Conditions
1.1	The company 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 (Annexure - 3).

S. No	EC Conditions
1.2	EC granted for a project on the basis of the submitted documents shall become invalid in case the actual land for the project site turns out to be different from the land considered at the time of appraisal of project. Conversion of land use (CLU) certificate shall be obtained before start of construction activities.
1.3	NOC from the Concerned Local authority shall be obtained before start of the construction of plant and drawing water from surface water. State Pollution Control Board shall not issue the Consent to Operate (CTO) under Air (Prevention and Control of Pollution) Act and Water (Prevention and Control of Pollution) Act till the project proponent shall obtain such permission. No ground water shall be used for the plant operations.
1.4	The total fresh water requirement during the crushing season shall be Nil for Sugarcane Crushing Unit, distillery & Cogeneration Unit & only 25 CMD of water will be taken from Tungabhadra River for Domestic purposes and the treated condensate from Sugar Cruising Unit of 1900 CMD will be reused for Syrup based ethanol production. During non crushing season 1200 CMD of fresh water will be taken from Tungabhadra River (Reservoir backwater) for Grain based or 33 days for Molasses based ethanol production. Treated effluent from the sugar unit shall be used in distillery to reduce fresh water requirement. No ground water recharge shall be permitted within the premises. Industry shall construct a rain water storage pond of 2x18000 KL capacity and the accumulated water to be used as fresh water thereby reducing fresh water consumption.
1.5	Spent wash shall be concentrated in Multi Effect Evaporator and concentrated spent wash shall be dried for powder formation. Spent Wash/stillage shall be sent to the decanter followed by the Multiple Effect Evaporator and dryer to form DDGS. The MEE & Drier condensate, spent lees, WTP Rejects, Boiler & Cooling tower blowdowns, washings etc., shall be treated in the 'Condensate Polishing Unit' (CPU). Efficient CPU shall be installed for the sugar unit to recycle the treated effluent to be used in distillery unit. PP shall upgrade the existing CPU of sugar unit by adding RO in order to recycle the treated condensate for distillery process. STP of 20 KLD capacity shall be installed to treat domestic wastewater. The plant will be based on 'Zero Liquid Discharge' system and no effluent/treated water will be discharged outside factory premises. PP shall ensure that spent wash shall not be treated through bio composting method.
1.6	Spent Wash/stillage during grain based operations shall be sent to the decanter followed by the Multiple Effect Evaporator and dryer to form DDGS. DDGS to be used as cattle feed. The MEE & Drier condensate, spent lees, WTP Rejects, Boiler & Cooling tower blowdowns, washings etc., is shall be treated in the 'Condensate Polishing Unit' (CPU). STP shall be installed to treat domestic wastewater. The plant will be based on 'Zero Liquid Discharge' system and no effluent/treated water will be discharged outside factory premises.
1.7	Adequate numbers of ground water quality monitoring stations by providing piezometers around the project area shall be set up. Sampling and trend analysis monitoring must be conducted on monthly basis and report submitted to SPCB and RO, MOEFCC. The ground water quality monitoring for pH, BOD, COD, Chloride, Sulphate and Total Dissolve Solids shall be monitored and report submitted to the Ministry's Regional Office.
1.8	Two five-field ESP as APCE shall be installed with each of the 90 m stack attached with the proposed 120 TPH & 60 TPH bagasse and coal fired boilers for controlling the particulate emissions within the statutory limit of 30 g/Nm ³ . The SO ₂ and NO _x emissions from the shall be maintained within the statutory limit of 100 g/Nm ³ . At no time, the emission levels shall exceed the prescribed standards. In the event of failure of any pollution control system adopted by the unit, the respective unit shall not be restarted until the control measures are rectified to achieve the desired

S. No	EC Conditions
	efficiency. Performance assessment of pollution control devices/ systems will be conducted annually.
1.9	Coal of Sulphur content less than 0.5 % shall be used for boiler. Boiler ash 12 MTD shall be stored in close silos and sent to brick manufacturing units in covered trucks or bulkers. PP shall install equivalent of 15% of the total power requirement in the form of solar power inside plant premises/adjacent/nearby areas.
1.10	CO ₂ (175 TPD) shall be collected by utilizing CO ₂ scrubbers and it shall be collected in proposed bottling plant.
1.11	PP shall allocate at least Rs. 0.30 Crores for Occupational Health Safety. Occupational Health Centre for surveillance of the worker's health shall be set up. The health data shall be used in deploying the duties of the workers. All workers & employees shall be provided with required safety kits/mask for personal protection.
1.12	Training shall be imparted to all employees on safety and health aspects of chemicals handling. Safety and visual reality training shall be provided to employees.
1.13	The unit shall make the arrangement for protection of possible fire hazards during manufacturing process in material handling. Fire-fighting system shall be as per the norms. PESO certificate shall be obtained. Location of ethanol storage tanks shall be placed in such a way that in the event of any fire, accident, explosion or any unforeseen conditions the impact of such event should not go beyond the boundary of the plant i.e. the risk should be tolerable (acceptable) at the boundary.
1.14	Company shall maintain an Emergency Response Decision support system in such a way so that identification of the detector's network for the location of the leak source and the probable leaked quantity in real-time, followed by modelling of the dispersion of the plume and consequences as forecast is done in advance and thus, no leak accident may go unattended. Accordingly, Risk Mitigation plan shall be in place.
1.15	Company shall determine the distance of fire hydrant while finalizing its location from ethanol storage tanks or any other hazardous storage substance shall be based on dispersion of Thermal Radiation so that during any unforeseen situation fire hydrant is always available to operate manually.
1.16	Process organic residue and spent carbon, if any, shall be sent to Cement and other suitable industries for its incinerations. ETP sludge, process inorganic & evaporation salt shall be disposed of to the TSDF.
1.17	The company shall undertake waste minimization measures as below (a) Metering and control of quantities of active ingredients to minimize waste; (b) Reuse of by-products from the process as raw materials or as raw material substitutes in other processes. (c) Use of automated filling to minimize spillage. (d) Use of Close Feed system into batch reactors. (e) Venting equipment through vapour recovery system. (f) Use of high pressure hoses for equipment clearing to reduce wastewater generation.
1.18	Thick green belt atleast 5-10 m width shall developed in 6.44 hectares i.e., 33.00 % of total project

S. No	EC Conditions
	<p>area with tree density @ 2500 trees per hectares, mainly along the plant periphery including south of the parking area and in north side of the plant. Indigenous species shall only be planted as part of greenbelt and non-indigenous / alien species shall be replaced with native species. No invasive or alien or non-native tree species shall be selected for plantation. PP shall plant atleast 20 variety of species as part of greenbelt. Saplings 4-6 feet high shall be planted. Selection of plant species shall be as per the CPCB guidelines in consultation with the State Forest Department and native species shall be planted. Records of tree canopy shall be monitored through remote sensing map. The industry shall not cut any of the existing 78 trees located in the plant premises and ensure their protection. Industry shall develop greenbelt of 10 m width on both sides of all the 03 nalas which are passing through the proposed site. Further, greenbelt shall be thickened towards the nearest villages i.e, Muddaballi located at a distance of 0.25 Km (E) and Gondabala located at a distance of 0.74 Km (SW) and towards the School located at 0.40 Km (E) Greenbelt development shall be completed before commissioning of the plant.</p>
1.19	<p>PP proposed to allocate Rs. 6.015 Crores towards Extended EMP (CER) which shall be spent as submitted in CER plan (Annexure - 4 & 5) for monitorable activities like up-gradation of schools with provision of facilities e.g. Class rooms, playground, Laboratory, Library, Computer class, toilets, potable drinking water facilities, solar light/solar power support for uninterrupted power supply, soil nutrient management etc. Further, all the proposed activities under CER shall be completed before the commissioning of the plant in consultation with District Administration.</p>
1.20	<p>There shall be adequate space inside the plant premises earmarked for parking of vehicles for raw materials and finished products and no parking to be allowed outside on public places. At least 15% of total project area shall be allotted solely for parking purposes with facilities like rest rooms etc. The industry shall widen and strengthen the Madhuballi village road to 15 meters, which connects the proposed plant site to the nearest highway and also maintain it.</p>
1.21	<p>Storage of raw materials shall be either in silos or in covered areas to prevent dust pollution and other fugitive emissions. All stockpiles should be constructed over impervious soil and garland drains with catch pits to trap runoff material shall be provided. Biomass shall be stored in covered sheds and wind breaking walls/curtains shall be provided around biomass storage area to prevent its suspension during high wind speed. All Internal roads shall be paved. Industrial vacuum cleaner shall be provided to sweep the internal roads. The Air Pollution Control System shall be interlocked with process plant/machinery for shutdown in case of operational failure of Air Pollution Control Equipment.</p>
1.22	<p>Continuous online (24x7) monitoring system for stack emissions/effluent shall be installed for measurement of flue gas discharge and the pollutants concentration, and the data to be transmitted to the CPCB and SPCB server. For online continuous monitoring of effluent, the unit shall install web camera with night vision capability and flow meters in the channel/drain carrying effluent within the premises.</p>
1.23	<p>A separate Environmental Management Cell (having qualified person with Environmental Science/Environmental Engineering/specialization in the project area) equipped with full-fledged laboratory facilities shall be set up to carry out the Environmental Management and Monitoring functions. EMC head shall report directly to Head of Organization/ Director/CEO as per company hierarchy.</p>
1.24	<p>PP shall sensitize and create awareness among the people working within the project area as well as its surrounding area on the ban of Single Use Plastic in order to ensure the compliance of Notification published by MOEFCC on 12th August, 2021. A report along with photographs on the</p>

S. No	EC Conditions
	measures taken shall also be included in the six-monthly compliance report being submitted to concerned authority.

Standard EC Conditions for (Distilleries)

1. General Conditions

S. No	EC Conditions
1.1	No further expansion or modifications in the plant, other than mentioned in the EIA Notification, 2006 and its amendments, shall be carried out without prior approval of the Ministry of Environment, Forest and Climate Change/SEIAA, as applicable. In case of deviations or alterations in the project proposal from those submitted to this Ministry for clearance, a fresh reference shall be made to the Ministry/SEIAA, as applicable, to assess the adequacy of conditions imposed and to add additional environmental protection measures required, if any.
1.2	The energy source for lighting purpose shall be preferably LED based, or advanced having preference in energy conservation and environment betterment.
1.3	The overall noise levels in and around the plant area shall be kept well within the standards by providing noise control measures including acoustic hoods, silencers, enclosures etc. on all sources of noise generation. The ambient noise levels shall conform to the standards prescribed under the Environment (Protection) Act, 1986 Rules, 1989 viz. 75 dBA (day time) and 70 dBA (night time).
1.4	The company shall undertake all relevant measures for improving the socio-economic conditions of the surrounding area. CER activities shall be undertaken by involving local villages and administration and shall be implemented. The company shall undertake eco-developmental measures including community welfare measures in the project area for the overall improvement of the environment.
1.5	The company shall earmark sufficient funds towards capital cost and recurring cost per annum to implement the conditions stipulated by the Ministry of Environment, Forest and Climate Change as well as the State Government along with the implementation schedule for all the conditions stipulated herein. The funds so earmarked for environment management/ pollution control measures shall not be diverted for any other purpose.
1.6	A copy of the clearance letter shall be sent by the project proponent to concerned Panchayat, Zilla Parishad/Municipal Corporation, Urban local Body and the local NGO, if any, from whom suggestions/ representations, if any, were received while processing the proposal.
1.7	The project proponent shall also submit six monthly reports on the status of compliance of the stipulated Environmental Clearance conditions including results of monitored data (both in hard copies as well as by e-mail) to the respective Regional Office of MoEF&CC, the respective Zonal Office of CPCB and SPCB. A copy of Environmental Clearance and six monthly compliance status report shall be posted on the website of the company.
1.8	The environmental statement for each financial year ending 31st March in Form-V as is mandated shall be submitted to the concerned State Pollution Control Board as prescribed under the Environment (Protection) Rules, 1986, as amended subsequently, shall also be put on the website of

S. No	EC Conditions
	the company along with the status of compliance of environmental clearance conditions and shall also be sent to the respective Regional Offices of MoEF&CC by e-mail.
1.9	The project proponent shall inform the public that the project has been accorded environmental clearance by the Ministry and copies of the clearance letter are available with the SPCB/Committee and may also be seen at Website of the Ministry and at https://parivesh.nic.in/ . This shall be advertised within seven days from the date of issue of the clearance letter, at least in two local newspapers that are widely circulated in the region of which one shall be in the vernacular language of the locality concerned and a copy of the same shall be forwarded to the concerned Regional Office of the Ministry.
1.10	The project authorities 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 and the date of start of the project.
1.11	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.

Annexure 2

Details of the Project

S. No.	Particulars	Details	
a.	Details of the Project	Establishment of 5000 TCD Sugar Plant, 30 MW Co-generation unit and 300 KLPD Multi feed (Cane Syrup/Grain/Molasses) Distillery Unit by M/s. UKEM Agre Infra Limited	
b.	Latitude and Longitude of the project site	15.27391861122732,76.13762358269098 15.28345917026482,76.14523919627231	
c.	Land Requirement (in Ha) of the project or activity	Nature of Land involved	Area in Ha
		Non-Forest Land (A)	19.46
		Forest Land (B)	0
		Total Land (A+B)	19.46
d.	Date of Public Consultation	Public consultation for the project was held on	
e.	Rehabilitation and Resettlement (R&R)	NO	

S. No.	Particulars	Details
	involvement	
f.	Project Cost (in lacs)	60150
g.	EMP Cost (in lacs)	1700
h.	Employment Details	

Details of Products & By-products

Name of the product /By-product	Product / By-product	Quantity	Unit	Mode of Transport / Transmission	Remarks (eg. CAS number)
Bagasse	By-Product	1500	TPD	Conveyor Belt	
Sugar Cane Juice (Crushing)	Product	5000	Kilo Litre per Day (KLD)	Pipe Conveyor	5000 TCD sugar cane crushing for manufacturing of ethanol
Power	Product	30	Mega Watt (MW)	Power grids	
Ethanol	Product	300	Kilo Litre per Day (KLD)	Road	
CO2 from Syrup & Grain mode	By-Product	150	TPD	Road	
CO2 from Molasses mode	By-Product	175	TPD	Road	
DDGS	By-Product	110	TPD	Road	

Details of capital and recurring cost of EMP:

Sl. No.	Particulars	Capital Cost in Crores	Recurring cost in Crores / Annum
1	Air Pollution Mitigation during Construction Phase	0.1	-
2	Drainage arrangements around construction area	0.1	-
3	Provision of barricades around construction site	0.2	-
4	Green mesh/ covering sheet to cover the loose stacked earth material	0.05	-
5	Construction of Soil conservation structures	0.1	-
6	Installation of Air Pollution Control Equipment (APCE) such as ESP and Mitigation to control fugitive emissions	2.5	0.20
	Installation of Stack for boiler & DG Set	0.8	0.05
7	Construction of closed coverage sheds for storage of raw materials	1	-
9	Noise Level Mitigation Measures – installations on anti-vibrating pads, provision of acoustic enclosures & silencers	0.5	0.1
10	Provision of PPEs to workers	0.2	0.02
11	Construction of garland drains & catch pit	0.2	0.05
12	Provision of ETP/CPU/STP	5	0.3
13	Construction of recharge pits & implementation of RWH structures	0.4	0.05
14	Installation of Online Continuous Emission monitoring system for Stack	0.4	0.05
15	Installation of Online Continuous Emission monitoring system for ETP	0.4	
16	Traffic management and asphalting of internal roads	0.5	0.05
17	Installation of MEE	0.8	0.05
18	Installation of WTP	0.8	0.02

Sl. No.	Particulars	Capital Cost in Crores	Recurring cost in Crores / Annum
19	Construction of closed storage around bagasse yard	0.4	0.05
20	Provision of closed belts systems	0.4	
21	Provision of piezometers	0.2	0.01
22	Solid & hazardous waste management	0.4	0.1
23	Occupational health and safety	0.3	0.1
24	Provision of water sprinklers in the industry and Water sprinkling to control dust in the industry	0.2	-
25	Provision of wind breakers	0.2	-
26	Provision of solar lighting as part of Energy Conservation measures	0.3	0.08
27	Acoustic Enclosures to DG sets	0.15	0.02
28	Environmental Monitoring during construction phase	0.05	0.05
29	Greenbelt Development	0.35	0.1
30	Construction of Culverts	0.80	0.1
Total		17.80	1.55

ANNEXURE-4

Details of CER with proposed activities and budgetary allocation:

Sl. No.	Topic	Works to be done	Units	Total Cost (in lakhs)	1 st year FY 24-25 (in lakhs)	2 nd Year FY 25-26 (in lakhs)	3 rd Year FY 27-28 (in lakhs)	Completion Date
1	Employment	M/s. UKEM Agree Infra Limited will provide total	1500 Numbers @ 10 Village	20.00	3 Units i.e., 450 Nos Muddhaballi,	3 Units i.e., 450 Nos Hyati, Hasahalli &	4 Units i.e., 600 Nos, Bahudur Banda,	Dec 2028

Sl. No	Topic	Works to be done	Units	Total Cost (in lakhs)	1 st year FY 24-25 (in lakhs)	2 nd Year FY 25-26 (in lakhs)	3 rd Year FY 27-28 (in lakhs)	Completion Date
		200 Nos of employment opportunities to surrounding villagers. The industry will conduct employment /skilful training programmes to Youth in surrounding villages i.e., Muddhaballi, Gondabala, Hale Gondabala, Hyati, Hasahalli, Chukkanakalu, Bahudur Banda, Hiresindagi, Bisrahalli & Kunikeri	1		Gondabala & Hale Gondabala 6.00	Chukkanakalu 6.00	Hiresindagi, Bisrahalli & Kunikeri 8.00	
2	Health	Improvement of Government Hospitals at Hiresindagi & PHC at Gondabala Providing medical equipment's & medicines to Govt. Hospital Hiresindagi, PHC Gondabala & Govt.	2 Units 3 Units	20.00 22.00	1 Unit i.e, Government Hospital, Hiresindagi 10.00 1 Unit i.e, Government Hospital, Hiresindagi 7.00	- 1 Unit i.e, & PHC Gondabala 7.00	1 Unit i.e, & PHC Gondabala 10.00 1 Unit i.e, & Govt. Hospital Koppal 8.00	Dec 2028

Sl. No	Topic	Works to be done	Units	Total Cost (in lakhs)	1 st year FY 24-25 (in lakhs)	2 nd Year FY 25-26 (in lakhs)	3 rd Year FY 27-28 (in lakhs)	Completion Date
		Hospital Koppal						
3	Education	Renovation & construction of classrooms & admin buildings at Government School Buildings in surrounding villages i.e., Muddhaballi, Mellikeri, H Mundargi, Lachanakeri, Kunikeri, Gondabala, Kunikeri Thanda & Chukkanakal	8 Units	50.00	3 Units i.e, Muddhaballi, Mellikeri & Kaatarki	3 Units i.e, H Mundargi, Lachanakeri & Kunikeri	4 Units i.e, Gondabala, Kunikeri Thanda, Chukkanakal & Chikkasindagi	Dec 2028
		16.0			16.00	18.00		
		Construction toilets in Govt. schools i.e., Muddhaballi, Mellikeri, Kaatarki, H Mundargi, Lachanakeri, Kunikeri, Gondabala & Kunikeri Thanda			8 Units	16.00	3 Units i.e., Muddhaballi, Mellikeri & Kaatarki	
6.00	6.00	4.00						
4	Support for Farmers	Training programs to farmers on nursery growing in surrounding villages i.e., Gondabala, Muddhaballi, Hale	14 Units	14.00	5 Units i.e., Gondabala, Muddhaballi, Hale	5 Units i.e., Hosahalli, Chukkanakal, Bahudur Bandi, Bisrhalli & Dombarhalli	4 Units i.e., Hiresindari, Kunikeri, Belavinahal & Katrahalli	Dec 2028
					5.00	5.00	4.00	

Sl. No	Topic	Works to be done	Units	Total Cost (in lakhs)	1 st year FY 24-25 (in lakhs)	2 nd Year FY 25-26 (in lakhs)	3 rd Year FY 27-28 (in lakhs)	Completion Date
		Gondabala, Hyati, Mellikeri, Hosahalli, Chukkanakal, Bahudur Bandi, Bishhalli, Dombarhalli, Hiresindari, Kunikeri, Belavinahal & Katrahalli						
		Distribution of Modern agriculture equipment's & training programme on its usage at surrounding villages i.e, Gondabala, Muddhaballi, Chukkanakal & Hyati	4 Units	80.00	1 Unit i.e, Gondabala 20.00	1 Unit i.e, Muddhaballi 20.00	2 Units i.e, Chukkanakal & Hyati 40.00	
		Construction of Farm Ponds in nearby villages i.e., Hosahalli, Bahudur Bandi, Kunikera, Muddhaballi, Bishhalli & Belavinhal	6 Units	12.00	2 Units i.e, Hosahalli & Bahudur Bandi 4.00	2 Units i.e, Kunikera & Muddhaballi 4.00	2 Units i.e, Bishhalli & Belavinhal 4.00	
5	Development of Lakes	Development of lake bund, desilting fencing and stone pitching of	2 Units	20.00	1 Unit i.e, Hosahalli Lake 10.00	1 Unit i.e, Kunikeri Lake 10.00	-	Dec 2028

Sl. No	Topic	Works to be done	Units	Total Cost (in lakhs)	1 st year FY 24-25 (in lakhs)	2 nd Year FY 25-26 (in lakhs)	3 rd Year FY 27-28 (in lakhs)	Completion Date
		Hosahalli Lake & Kunikeri Lake						
		Plantation of native tree species around Hosahalli & Kunikeri lakes	500 Saplings	1.50	1 Unit i.e, Hosahalli Lake 0.75	1 Unit i.e, Kunikeri Lake 0.75	-	
6	Sanitation	Construction of toilets at 5 villages i.e., Muddhaballi, Gondabala, Hosahali, Mellikeri & Bahadur Bandi	30 Units @ 5 villages	45.00	12 Units i.e, Muddhaballi & Gondabala 18.00	6 Units i. e, Hosahali, 9.00	12 Units i.e, Mellikeri & Bahadur Bandi 18.00	Dec 2028
7	Development of Infrastructure	Provision of solar street lights to surrounding Villages i.e, Muddhaballi, Gondabala, Hale Gondabala, Hyati, Mellikeri, Kunikera, Kunikeri Thanda, Bisrahalli, Katrahalli, Chukkanakal, Hosahalli, Kolar & Hiresindagi	65 units @ 13 Villages	7.00	20 Units i.e, Muddhaballi, Gondabala, Hale Gondabala & Hyati 2.00	20 Units i.e, Mellikeri, Kunikera, Kunikeri Thanda & Bisrahalli, 2.00	25 Units i.e, Katrahalli, Chukkanakal, Hosahalli, Kolar & Hiresindagi 3.00	Dec 2028
		Construction of Bus stops and provision of RCC bench chairs	4 Units	20.00	1 Unit i.e, Muddhaballi 5.00	1 Unit i.e, Gondabala 5.00	2 Units i.e, Hyati & Hosahalli 10.00	

Sl. No .	Topic	Works to be done	Units	Total Cost (in lakhs)	1 st year FY 24-25 (in lakhs)	2 nd Year FY 25-26 (in lakhs)	3 rd Year FY 27-28 (in lakhs)	Completion Date
		to villages at Muddhaballi, Gondabala, Hyati & Hosahalli						
		Development of Village connecting roads such as Muddhaballi, Gondabala, Hyati, Mellikeri, H Mundargi, Lachanakeri (from SH 23 to Lachanakeri)	1 Unit	250		Lachanakeri to Hyati (Stage I) 125	Hyati to SH 23 (Stage II) 125	
8	RO plants for Drinking water	Provision of RO plants for drinking water in villages such as H Mundargi, Lachanakeri, Belur, Halwarti, Muddhaballi & Gondabala	6 Units	24.00	2 Units i.e, H Mundargi & Muddhaballi 8.00	2 Unit i.e, Lachanakeri & Gondabala 8.00	2 Units i.e, Belur & Halwarti 8.00	Dec 2028
Total in Lakhs				601.5	117.75	223.75	260	
Total in Crores				6.015	1.1775	2.2375	2.60	

The main issues raised during the public hearing and their action plan:

Sl. No	Issue in brief	Action plan in brief	Budget allocated and timeline
A	Issues raised in Public Hearing during Actual Interaction		
1	<p>Prabhu Hallikeri, Gondabal Village</p> <p>Concrete Pillar erected, air pollution issues to nearby villages, water pollution of Tungabhadra Dam. Health Conditions of the people get affected.</p>	<p>Response:</p> <ul style="list-style-type: none"> The erection of pillar at site is with respect to obtaining distance Certificate from Cane Commissioner, for which we don't required Environmental Clearance. No construction activity has carried out at project site. From the proposed project there will not be any problems to the people. M/s UKEMAIL is to be undertaking that all the APCE such ESP & other air pollution reduction measures will be implemented before operation of the industry and regular maintenance will be carried out and legal rules and regulations will be followed & also to reduce fugitive dust emission water sprinkling will be carried out regularly. The industry will implement OCEMS to stacks and which will be connected to KSPCB server. The industry is completely based on Zero liquid discharge, it will not cause any pollution to stream and problems to animals and cattle's. The noise mitigation measures such as silencers and acoustic enclosures will be provided to noise generating equipment's in the industry to reduce noise levels, a thick greenbelt will be developed around the industry & 	<p>Budget: Rs. 2.5 Crores shall be spent on installation of ESP & other air pollution reduction measures, water sprinkling & installation of OCEMS with O & M of 0.20 Crores/Annum.</p> <p>Timeline: Year 2024-25; after grant of EC.</p>

Sl. No	Issue in brief	Action plan in brief	Budget allocated and timeline
		<p>regular monitoring will be carried to know about the noise levels we will maintain the noise levels within the CPCB stipulated standards only.</p> <ul style="list-style-type: none"> The industry will conduct health camps to the villagers in the study area as a part of CER activities. <p>Action Plan</p> <ul style="list-style-type: none"> We will establish the project after obtaining all the approvals from the concerned authorities. The industry will provide 200 No of employment opportunities to the surrounding villagers Provision of installation of 4000 KLD CPU for treatment of condensate from sugar unit & 2500 KLD CPU for distillery unit and the treated water will be reused for process. Provision of installation of 2 No's of ESP for 120 TPH & 60 TPH boiler with stack height of 90 m AGL & acoustic enclosures for 2x500 KVA & 1000 KVA DG sets with Stack height of 30 m AGL. Installation of water sprinkler's to suppress dust emissions. Provision of acoustic enclosure to DG set, Noise controlling equipment, anti-vibrating pads, Ear plugs to employees and 33% of thick greenbelt to avoid noise pollution. Conduct health camps & medical facility to the nearby village to know pollution effect on the people. 	<p>Budget: Rs. 5 Crores shall be spent on installation of CPU, ETP & STP with O & M of 0.3 Crores/Annum.</p> <p>Timeline: Year 2024-25; after grant of EC.</p> <p>Budget: Rs. 0.5 Crores shall be spent on installation of Noise level mitigation measures & with O & M of 0.10 Crores/Annum.</p> <p>Timeline: Year 2024-25; after grant of EC.</p>

Sl. No	Issue in brief	Action plan in brief	Budget allocated and timeline
			<p>Budget: Rs. 0.3 Crores shall be spent on conducting health camp & medical facility in surrounding villages</p> <p>Timeline: Year 2024-25; after grant of EC.</p>
2	<p>Shri. Govindarreddy Madanur, Muddaballi Village,</p> <ul style="list-style-type: none"> • He said that Koppal district is a backward district which is belongs to Hyderabad Karnataka region. • He said we should support the industry for development and employment. 	<p>Response:</p> <p>The industry will provide 200 No of employment opportunities to the surrounding villagers & this will helps to develops economic growth.</p> <p>Action Plan</p> <p>The industry will provide 200 No of employment opportunities to the surrounding villagers based on their educational qualification and provide skill development programmes to Youths.</p>	<p>Budget: Rs. 0.2 Crores shall be spent on training programmes to youth as part of CER</p> <p>Timeline: Year 2024-25; after grant of EC.</p>
3	<p>Shri. Gavisiddhana Gowda V Patil, Muddaballi Village</p> <ul style="list-style-type: none"> • He said that, from the sugar factory, bad smell & dust will come; we all the villagers together have submitted a request to the District Commissioner as we don't want the sugar industry. 	<p>Response:</p> <ul style="list-style-type: none"> • From the proposed project there will not be any problems to the people. M/s UKEMAIL is to be undertaking that all the APCE such ESP & other air pollution reduction measures will be implemented before operation of the industry and regular maintenance will be carried out and legal rules and regulations will be followed & also to reduce fugitive dust emission water sprinkling will be carried out regularly. The industry will implement OCEMS to stacks and 	<p>Budget: Rs. 2.5 Crores shall be spent on installation of ESP & other air pollution reduction measures, water sprinkling & installation of OCEMS with O & M of 0.20 Crores/Annum.</p> <p>Timeline: Year 2024-25; after grant of EC.</p> <p>Budget: Rs. 5 Crores shall be spent on installation of CPU, ETP & STP with O &</p>

Sl. No	Issue in brief	Action plan in brief	Budget allocated and timeline
		<p>which will be connected to KSPCB server.</p> <ul style="list-style-type: none"> The industry is completely based on Zero liquid discharge it will not cause any pollution to stream and problems to animals and cattle's. The noise mitigation measures such as silencers and acoustic enclosures will be provided to noise generating equipment's in the industry to reduce noise levels, a thick greenbelt will be developed around the industry & regular monitoring will be carried to know about the noise levels we will maintain the noise levels within the CPCB stipulated standards only. The industry will conduct health camps to the villagers in the study area as a part of CER activities. <p>Action Plan</p> <ul style="list-style-type: none"> We will establish the project after obtaining all the approvals from the concerned authorities. The industry will provide 200 No of employment opportunities to the surrounding villagers Provision of installation of 4000 KLD CPU for treatment of condensate from sugar unit & 2500 KLD CPU for distillery unit and the treated water will be reused for process. Provision of installation of 2 No's of ESP for 120 TPH & 60 TPH boiler with stack height of 90 m AGL & acoustic enclosures for 2x500 KVA & 1000 KVA DG sets with Stack height of 30 m AGL. Installation of water sprinkler's to supress dust emissions. 	<p>M of 0.3 Crores/Annum. Timeline: Year 2024-25; after grant of EC.</p>

Sl. No	Issue in brief	Action plan in brief	Budget allocated and timeline
		<ul style="list-style-type: none"> • Provision of acoustic enclosure to DG set, Noise controlling equipment, anti-vibrating pads, Ear plugs to employees and 33% of thick greenbelt to avoid noise pollution. • Conduct health camps & medical facility to the nearby village to know pollution effect on the people. 	
4	<p>Devareddy Matey, Muddaballi Village,</p> <ul style="list-style-type: none"> • He said that, if the sugar industry starts, due to dust pollution the silk crop will get loss to the farmers. 	<p>Response:</p> <ul style="list-style-type: none"> • Industry will operate without making pollution to the surrounding environment. The industry will install ESP with an efficiency of 99.8 % to the stack and clean air will be released to environment. • Higher boundary wall with wind breakers will be provided to avoid spillage of dust/ ash on agricultural crops. <p>Action Plan</p> <ul style="list-style-type: none"> • Provision of installation of 2 No's of ESP for 120 TPH & 60 TPH boiler with stack height of 90 m AGL & acoustic enclosures for 2x500 KVA & 1000 KVA DG sets with Stack height of 30 m AGL. Installation of water sprinkler's to suppress dust emissions. • Industry will construct higher boundary wall with wind breakers to mitigate spillage of dust on surrounding crops. 	<p>Budget : Rs. 2.5 Crores shall be spent on installation of ESP & other air pollution reduction measures, water sprinkling & installation of OCEMS with O & M of 0.20 Crores/Annum.</p> <p>Timeline: Year 2024-25; after grant of EC.</p> <p>Budget: Rs: 0.20 cores shall be spent on construction of barricades.</p> <p>Time line: Year 2024-25; after grant of EC.</p>
5	<p>Dr. Manjunath Sajjana, Halegondabala Village, Speaking on the occasion he expressed his views on the proposed project as per the below;</p>	<p>Response:</p> <ul style="list-style-type: none"> • The plant is designed with a ZLD concept, the generated waste water from distillery process will be treated in 4000 KLD CPU and the treated water will be reused for process. The generated waste 	<p>Budget : Rs. 2.5 Crores shall be spent on installation of ESP & other air pollution reduction measures, water sprinkling & installation of OCEMS</p>

Sl. No	Issue in brief	Action plan in brief	Budget allocated and timeline
	<ul style="list-style-type: none"> As a doctor, I opines that establishing a sugar industry will cause health problems to people. 	<p>water from lab, washings, CT blowdown and WTP reject will be treated in ETP of capacity 500 KLD & sewage generated from workers will be treated in STP of capacity 20 KLD. The treated water from ETP & STP will be reused for greenbelt development within the plant only. Hence no wastewater/ treated water will be discharged out site of the premises.</p> <ul style="list-style-type: none"> M/s. UKEMAIPL will conduct Health Camps to villagers in study area. <p>Action Plan</p> <ul style="list-style-type: none"> Provision of installation of 2 No's of ESP for 120 TPH & 60 TPH boiler with stack height of 90 m AGL & acoustic enclosures for 2x500 KVA & 1000 KVA DG sets with Stack height of 30 m AGL. Installation of water sprinkler's to suppress dust emissions. Provision of installation 4000 KLD CPU for treatment of condensate from sugar unit & 2500 KLD CPU for distillery unit and the treated water will be reused for process. The generated wastewater from the sugar unit will be treated in ETP of capacity 500 KLD & sewage generated from workers will be treated in STP of capacity 20 KLD. The treated water from ETP & STP will be reused for greenbelt development within the plant only. Hence no wastewater/ treated water will be discharged out site of the premises and it is completely Zero Liquid Discharge. 	<p>with O & M of 0.20 Crores/Annum.</p> <p>Timeline: Year 2024-25; after grant of EC.</p> <p>Budget: Rs. 5 Crores shall be spent on installation of CPU, ETP & STP with O & M of 0.3 Crores/Annum.</p> <p>Time line: Year 2024-25; after grant of EC</p> <p>Budget: Rs. 0.3 Crores shall be spent on conducting health camp & medical facility in surrounding villages</p> <p>Timeline: Year 2024-25; after grant of EC.</p>

Sl. No	Issue in brief	Action plan in brief	Budget allocated and timeline
		<ul style="list-style-type: none"> Conduct health camps & medical facility to the nearby village to know pollution effect on the people. 	
6	<p>Vasanth Reddy, Muddaballi Village,</p> <ul style="list-style-type: none"> He said that, from the establishment of the proposed project employment opportunities will create. 	<p>Response:</p> <ul style="list-style-type: none"> The industry will provide 200 No's of employment opportunities to the surrounding villagers & this will help to develop economic growth. M/s. UKEMAIL will obtain all the necessary approvals/ Consents from the concerned authorities before operation of the industry. The industry will take-up the development of social infrastructure and schools under CER activities. <p>Action Plan</p> <ul style="list-style-type: none"> Industry will provide 200 No of employment opportunities to the surrounding villagers based on their qualifications. Industry will take approvals/ Consents from the concerned authorities before construction & operation of the industry. Development of social infrastructure and schools under CER activities. 	<p>Budget: Rs. 6.015 Crores shall be reserved for carryout CER activities.</p> <p>Timeline: Year 2024-25; after grant of EC.</p>
7	<p>Basanagowda Police Patil, Muddaballi Village, Speaking on the occasion, he said we are unemployed so for job purpose we will support the industry</p>	<p>Response:</p> <p>The industry will provide 200 No of employment opportunities to the surrounding villagers</p>	-
8	<p>Prakash Reddy, Chikkunakal Village, Speaking on the occasion, he said that Government officers are</p>	Noted	-

Sl. No	Issue in brief	Action plan in brief	Budget allocated and timeline
	came here to collect the public opinion and not give any license to sugar industry		
9	<p>Sharanappa Sajjana, Gondabala Village</p> <p>Speaking on the occasion he expressed his views on the proposed project as per the below;</p> <ul style="list-style-type: none"> If the project is required, the environmental authorities should consider how far it should be from the village. 	<p>Response:</p> <ul style="list-style-type: none"> The nearest villages i.e, Muddaballi Village are located at a distance of 0.25 Km (E) and Gondabala Village is located at a distance of 0.74 Km (SW) from the project site boundary. Hosagondabala Village is 0.74 Km from the project site. The industry will take all precautionary measures. The industry will undertake that all the mitigation measures will be adopted before start-up of the industry to avoid pollution from the industry on the surrounding Environment such as all the APCE & other air pollution reduction measures will be implemented before operation of the industry & to reduce fugitive dust emission water sprinkling will be carried out regularly. The plant is designed with a ZLD concept; the treated wastewater from distillery will be recycled back to the process and treated wastewater from ETP & STP will be used for Greenbelt & secondary purpose. <p>Action Plan</p> <ul style="list-style-type: none"> Provision of installation of 2 No's of ESP for 120 TPH & 60 TPH boiler with stack height of 90 m AGL & acoustic enclosures for 2x500 KVA & 1000 KVA DG sets with Stack height of 30 m AGL. Installation of water 	<p>Budget : Rs. 2.5 Crores shall be spent on installation of ESP & other air pollution reduction measures, water sprinkling & installation of OCEMS with O & M of 0.20 Crores/Annum.</p> <p>Timeline: Year 2024-25; after grant of EC.</p> <p>Budget: Rs. 5 Crores shall be spent on installation of CPU, ETP & STP with O & M of 0.3 Crores/Annum.</p> <p>Time line: Year 2024-25; after grant of EC</p>

Sl. No	Issue in brief	Action plan in brief	Budget allocated and timeline
		sprinkler's to suppress dust emissions. <ul style="list-style-type: none"> Provision of installation of 4000 KLD CPU for Sugar unit & 2500 KLD CPU for Distillery, ETP of 500 KLD & STP of 20 KLD. 	
10	Gavisiddappa Siddappa Devaramani, Hirebaganala Village, <ul style="list-style-type: none"> He said that, Setting up of the factory will benefit the sugar cane growers. He said there are so many industries in Hirebaganala Village, but there are no such big problems & minor problems are being solved by the industry authorities. 	Response: <ul style="list-style-type: none"> The industry will take the sugarcane from the region farmers at good price. There will not be any problem from the proposed project to surrounding people. The industry will undertake that all the mitigation measures will be adopted before start-up of the industry to avoid pollution from the industry on the surrounding Environment such as all the APCE & other air pollution reduction measures will be implemented & to reduce fugitive dust emission water sprinkling will be carried out regularly. The plant is designed with a ZLD concept; the treated wastewater from distillery will be recycled back to the process and treated wastewater from ETP & STP will be used for Greenbelt & secondary purpose. Action Plan <ul style="list-style-type: none"> The industry will purchase sugar cane from 3000 number of formers at competitive Prize. Provision of installation of 2 No's of ESP for 120 TPH & 60 TPH boiler with stack height of 90 m AGL & acoustic enclosures for 2x500 KVA & 1000 KVA DG sets with Stack height of 30 m AGL. Installation of water 	Budget : Rs. 2.5 Crores shall be spent on installation of ESP & other air pollution reduction measures, water sprinkling & installation of OCEMS with O & M of 0.20 Crores/Annum. Timeline: Year 2024-25; after grant of EC. Budget: Rs. 5 Crores shall be spent on installation of CPU, ETP & STP with O & M of 0.3 Crores/Annum. Time line: Year 2024-25; after grant of EC

Sl. No	Issue in brief	Action plan in brief	Budget allocated and timeline
		sprinkler's to suppress dust emissions. <ul style="list-style-type: none"> Provision of installation of 4000 KLD CPU for Sugar unit & 2500 KLD CPU for Distillery, ETP of 500 KLD & STP of 20 KLD. 	
11	Shri. Virupanna, Muddaballi Village, <ul style="list-style-type: none"> He said that, Environment means human life should not be harmed and no disease should spread to people. 	Response: <ul style="list-style-type: none"> Due to proposed project there will not be any serious harm to the Environment. The industry will undertake that all the mitigation measures will be adopted before start-up of the industry to avoid pollution from the industry on the surrounding Environment such APCE to control air pollution and the plant will be maintained with ZLD concept without releasing any waste water / treated water outside of the premises. Hence no pollution will be caused from the industry to the surrounding environment. The industry is undertake that, the industry won't create any problems to the surrounding Environment / habitants & the industry will take steps to improve the surrounding villages under CER activities. Action Plan <ul style="list-style-type: none"> Provision of installation of 2 No's of ESP for 120 TPH & 60 TPH boiler with stack height of 90 m AGL & acoustic enclosures for 2x500 KVA & 1000 KVA DG sets with Stack height of 30 m AGL. Installation of water sprinkler's to suppress dust emissions. Provision of installation of 4000 KLD CPU for Sugar unit & 2500 	Budget : Rs. 2.5 Crores shall be spent on installation of ESP & other air pollution reduction measures, water sprinkling & installation of OCEMS with O & M of 0.20 Crores/Annum. Timeline: Year 2024-25; after grant of EC. Budget: Rs. 5 Crores shall be spent on installation of CPU, ETP & STP with O & M of 0.3 Crores/Annum. Time line: Year 2024-25; after grant of EC Budget: Rs. 6.015 Crores shall be reserve for carryout CER activities.

Sl. No	Issue in brief	Action plan in brief	Budget allocated and timeline
		<p>KLD CPU for Distillery, ETP of 500 KLD & STP of 20 KLD.</p> <ul style="list-style-type: none"> Industry will take steps to improve the surrounding villages under CER activities. 	<p>Timeline: Year 2024-25; after grant of EC.</p>

Action Plan to the Written objections:

Sl. No	Issue in brief	Action plan in brief	Budget allocated and timeline
1	<p>Basavanagouda S/o Ramanagouda Police Patil & others of Halegondabala Village,</p> <p>they states that, he requested Deputy Commissioner to permit to establish the Industry as many of the families in the villagers are poor and it would be helpful for them from the factory to get employment.</p>	<p>Response:</p> <p>The industry will provide 200 No of employment opportunities to the surrounding villagers & this will helps to develops economic growth.</p> <p>Action Plan</p> <p>Industry will provide 200 No of employment opportunities to the surrounding villagers based on their qualifications.</p>	-
2	<p>Prabhu Hallikeri & others of Hale Gondabal Village,</p> <p>Air pollution, water pollution, identification of Peacocks and minimum road width affect traffic, environmental sensitive receptors within 500 m.</p>	<p>Response:</p> <ul style="list-style-type: none"> The nearest villages i.e, Muddaballi Village are located at a distance of 0.25 Km (E) and Gondabala Village is located at a distance of 0.74 Km (SW) from the project site boundary. The nearest Hostel is located at a distance of 1.15 Km (SW) and School is at 0.40 Km (E) from the project site and precautionary measure will be take place there will not affect to school & Hostel. The industry will undertake that all the mitigation measures will be adopted before start-up of the industry to avoid pollution from the industry on the surrounding 	<p>Budget : Rs. 2.5 Crores shall be spent on installation of ESP &</p>

		<p>Environment such as all the APCE & other air pollution reduction measures will be implemented before operation of the industry & to reduce fugitive dust emission water sprinkling will be carried out regularly.</p> <ul style="list-style-type: none"> • The plant is designed with a ZLD concept, the generated waste water from distillery process will be treated in 2500 KLD CPU and the treated water will be reused for process. The generated waste water from lab, washings, CT blowdown and WTP reject will be treated in ETP of capacity 500 KLD & sewage generated from workers will be treated in STP of capacity 20 KLD. The treated water from ETP & STP will be reused for greenbelt development within the plant only. Hence no wastewater/ treated water will be discharged out site of the premises. • The industry will undertake that, we won't release any of the treated water / effluent to the adjacent water stream and we will maintain buffer on both sides. • To control dust emission on the surrounding crops lands the industry will install ESP with an efficiency of 99.8 %, which will be attached to stack height of 90 m and clean air will be released to environment and also the industry will implement higher boundary wall around the industry. • There are 78 No of trees available at the project site and No trees will be remove for the industry implementation purpose. The 33% greenbelt will be maintained in the project site. • The industry will enlarge the approach road to the project site. • Industry will development the surrounding villages under CER activities. 	<p>other air pollution reduction measures, water sprinkling & installation of OCEMS with O & M of 0.20 Crores/Annum.</p> <p>Timeline: Year 2024-25; after grant of EC.</p> <p>Budget: Rs. 5 Crores shall be spent on installation of CPU, ETP & STP with O & M of 0.3 Crores/Annum.</p> <p>Time line: Year 2024-25; after grant of EC</p> <p>Budget: Rs. 0.8 Crores shall be spent on installation of Stacks with O & M of 0.05 Crores/Annum.</p> <p>Timeline: Year 2024-25; after grant of EC.</p> <p>Budget: Rs. 0.35 Crores shall be spent on greenbelt development with O & M of 0.1 Crores/Annum.</p>
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		<p>Action Plan</p> <ul style="list-style-type: none"> • Provision of installation of APCE such as 2 No's of ESP for 120 TPH & 60 TPH boiler with stack height of 90 m AGL & acoustic enclosures for 2x500 KVA & 1000 KVA DG sets with Stack height of 30 m AGL. Installation of water sprinkler's to suppress dust emissions. • Provision of installation of stacks for boiler & D G set • Provision of installation of 4000 KLD CPU for Sugar unit & 2500 KLD CPU for Distillery, ETP of 500 KLD & STP of 20 KLD. • Provision of Enlarge & Asphaltting of approach roads to project site. • Provision of greenbelt development in the industry. • Industry will take steps to improve the surrounding villages under CER activities. 	<p>Timeline: Year 2024-25; after grant of EC.</p> <p>Budget: Rs. 0.5 Crores shall be spent on asphaltting road with O & M of 0.05 Crores/Annum.</p> <p>Timeline: Year 2024-25; after grant of EC.</p> <p>Budget: Rs. 6.015 Crores shall be reserve for carryout CER activities.</p> <p>Timeline: Year 2024-25; after grant of EC.</p>
3	<p>Prabhu Hallikeri & others of Hosa Gondabal village</p> <p>Air pollution, water pollution, identification of Peacocks and minimum road width affect traffic, environmental sensitive receptors within 500 m.</p>	<p>Response:</p> <ul style="list-style-type: none"> • The nearest villages i.e, Muddaballi Village are located at a distance of 0.25 Km (E) and Gondabala Village is located at a distance of 0.74 Km (SW) from the project site boundary. • The nearest Hostel is located at a distance of 1.15 Km (SW) and School is at 0.40 Km (E) from the project site and precautionary measure will be take place there will not affect to school & Hostel. • The industry will undertake that all the mitigation measures will be adopted before start-up of the industry to avoid pollution from the industry on the surrounding Environment such as all the APCE & other air pollution reduction measures will be implemented before operation of the industry & to reduce fugitive 	<p>Budget: Rs. 2.5 Crores shall be spent on installation of ESP & other air pollution reduction measures, water sprinkling & installation of OCEMS with O & M of 0.20 Crores/Annum.</p>

		<p>dust emission water sprinkling will be carried out regularly.</p> <ul style="list-style-type: none"> The plant is designed with a ZLD concept; the treated wastewater from distillery will be recycled back to the process and treated wastewater from ETP & STP will be used for Greenbelt & secondary purpose The industry will undertake that, we won't release any of the treated water / effluent to the adjacent water streams and we will maintain buffer on both sides. To control dust emission on the surrounding crops lands the industry will install ESP with an efficiency of 99.8 %, which will be attached to stack height of 90 m and clean air will be released to environment and also the industry will implement higher boundary wall around the industry. There are 78 No of trees available at the project site and No trees will be remove for the industry implementation purpose. The 33% greenbelt will be maintained in the project site. The industry will enlarge the approach road to the project site. Industry will development the surrounding villages under CER activities. <p>Action Plan</p> <ul style="list-style-type: none"> Provision of installation of APCE such as 2 No's of ESP for 120 TPH & 60 TPH boiler with stack height of 90 m AGL & acoustic enclosures for 2x500 KVA & 1000 KVA DG sets with Stack height of 30 m AGL. Installation of water sprinkler's to supress dust emissions. Provision of installation of stacks for boiler & DG set 	<p>Timeline: Year 2024-25; after grant of EC.</p> <p>Budget: Rs. 5 Crores shall be spent on installation of CPU, ETP & STP with O & M of 0.3 Crores/Annum.</p> <p>Time line: Year 2024-25; after grant of EC</p> <p>Budget: Rs. 0.8 Crores shall be spent on installation of Stacks with O & M of 0.05 Crores/Annum.</p> <p>Timeline: Year 2024-25; after grant of EC.</p> <p>Budget: Rs. 0.35 Crores shall be spent on greenbelt development with O & M of 0.1 Crores/Annum.</p> <p>Timeline: Year 2024-25; after grant of EC.</p> <p>Budget: Rs. 0.5 Crores shall be spent on asphaltting road with O & M of 0.05 Crores/Annum.</p> <p>Timeline: Year 2024-25; after grant of EC.</p>
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		<ul style="list-style-type: none"> • Provision of installation of 4000 KLD CPU for Sugar unit & 2500 KLD CPU for Distillery, ETP of 500 KLD & STP of 20 KLD. • Provision of Enlarge & Asphalted of approach roads to project site. • Provision of greenbelt development in the industry. • Industry will take steps to improve the surrounding villages under CER activities. 	<p>Budget: Rs. 6.015 Crores shall be reserve for carryout CER activities.</p> <p>Timeline: Year 2024-25; after grant of EC.</p>
4	<p>Chandrashekarayya & & others of Hosa Gondabal Village,</p> <p>Air pollution, water pollution, identification of Peacocks and minimum road width affect traffic, environmental sensitive receptors within 500 m.</p>	<p>Response:</p> <ul style="list-style-type: none"> • The nearest villages i.e, Muddaballi Village are located at a distance of 0.25 Km (E) and Gondabala Village is located at a distance of 0.74 Km (SW) from the project site boundary. • The nearest Hostel is located at a distance of 1.15 Km (SW) and School is at 0.40 Km (E) from the project site and precautionary measure will be take place there will not affect to school & Hostel. • The industry will undertake that all the mitigation measures will be adopted before start-up of the industry to avoid pollution from the industry on the surrounding Environment such as all the APCE & other air pollution reduction measures will be implemented before operation of the industry & to reduce fugitive dust emission water sprinkling will be carried out regularly. • The plant is designed with a ZLD concept, the generated waste water from distillery process will be treated in 2500 KLD CPU and the treated water will be reused for process. The generated waste water from lab, washings, CT blowdown and WTP reject will be treated in ETP of capacity 500 KLD & sewage generated from workers will be treated in STP of capacity 20 KLD. The treated water from ETP & STP will be 	<p>Budget: Rs. 2.5 Crores shall be spent on installation of ESP & other air pollution reduction measures, water sprinkling & installation of OCEMS with O & M of 0.20 Crores/Annum.</p> <p>Timeline: Year 2024-25; after grant of EC.</p> <p>Budget: Rs. 5 Crores shall be spent on installation of CPU, ETP & STP with O & M of 0.3 Crores/Annum.</p>

		<p>reused for greenbelt development within the plant only. Hence no wastewater/ treated water will be discharged out site of the premises.</p> <ul style="list-style-type: none"> • The industry will undertake that, we won't release any of the treated water / effluent to the adjacent water stream and we will maintain buffer on both sides. • To control dust emission on the surrounding crops lands the industry will install ESP with an efficiency of 99.8 %, which will be attached to stack height of 90 m and clean air will be released to environment and also the industry will implement higher boundary wall around the industry. • There are 78 No of trees available at the project site and No trees will be remove for the industry implementation purpose. The 33% greenbelt will be maintained in the project site. • The industry will enlarge the approach road to the project site. • Industry will development the surrounding villages under CER activities. <p>Action Plan</p> <ul style="list-style-type: none"> • Provision of installation of APCE such as 2 No's of ESP for 120 TPH & 60 TPH boiler with stack height of 90 m AGL & acoustic enclosures for 2x500 KVA & 1000 KVA DG sets with Stack height of 30 m AGL. Installation of water sprinkler's to supress dust emissions. • Provision of installation of stacks for boiler & D G set • Provision of installation of 4000 KLD CPU for Sugar unit & 2500 KLD CPU for Distillery, ETP of 500 KLD & STP of 20 KLD. 	<p>Time line: Year 2024-25; after grant of EC</p> <p>Budget: Rs. 0.8 Crores shall be spent on installation of Stacks with O & M of 0.05 Crores/Annum.</p> <p>Timeline: Year 2024-25; after grant of EC.</p> <p>Budget: Rs. 0.35 Crores shall be spent on greenbelt development with O & M of 0.1 Crores/Annum.</p> <p>Timeline: Year 2024-25; after grant of EC.</p>
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		<ul style="list-style-type: none"> • Provision of Enlarge & Asphalted of approach roads to project site. • Provision of greenbelt development in the industry. • Industry will take steps to improve the surrounding villages under CER activities 	<p>Budget: Rs. 0.5 Crores shall be spent on asphalted road with O & M of 0.05 Crores/Annum.</p> <p>Timeline: Year 2024-25; after grant of EC.</p> <p>Budget: Rs. 6.015 Crores shall be reserve for carryout CER activities.</p> <p>Timeline: Year 2024-25; after grant of EC.</p>
5	<p>Naveen Patil & others of Muddaballi Village,</p> <p>Air pollution, water pollution, identification of Peacocks and minimum road width affect traffic, environmental sensitive receptors within 500 m.</p>	<p>Response:</p> <ul style="list-style-type: none"> • The nearest villages i.e, Muddaballi Village are located at a distance of 0.25 Km (E) and Gondabala Village is located at a distance of 0.74 Km (SW) from the project site boundary. • The nearest Hostel is located at a distance of 1.15 Km (SW) and School is at 0.40 Km (E) from the project site and precautionary measure will be take place there will not affect to school & Hostel. • The industry will undertake that all the mitigation measures will be adopted before start-up of the industry to avoid pollution from the industry on the surrounding Environment such as all the APCE & other air pollution reduction measures will be implemented before operation of the industry & to reduce fugitive dust emission water sprinkling will be carried out regularly. • The plant is designed with a ZLD concept, the generated waste water from distillery process will be treated in 2500 KLD CPU and 	<p>Budget: Rs. 2.5 Crores shall be spent on installation of ESP & other air pollution reduction measures, water sprinkling & installation of OCEMS</p>

		<p>the treated water will be reused for process. The generated waste water from lab, washings, CT blowdown and WTP reject will be treated in ETP of capacity 500 KLD & sewage generated from workers will be treated in STP of capacity 20 KLD. The treated water from ETP & STP will be reused for greenbelt development within the plant only. Hence no wastewater/ treated water will be discharged out site of the premises.</p> <ul style="list-style-type: none"> • The industry will undertake that, we won't release any of the treated water / effluent to the adjacent water stream and we will maintain buffer on both sides. • To control dust emission on the surrounding crops lands the industry will install ESP with an efficiency of 99.8 %, which will be attached to stack height of 90 m and clean air will be released to environment and also the industry will implement higher boundary wall around the industry. • There are 78 No of trees available at the project site and No trees will be remove for the industry implementation purpose. The 33% greenbelt will be maintained in the project site. • The industry will enlarge the approach road to the project site. • Industry will develop the surrounding villages under CER activities. <p>Action Plan</p> <ul style="list-style-type: none"> • Provision of installation of APCE such as 2 No's of ESP for 120 TPH & 60 TPH boiler with stack height of 90 m AGL & acoustic enclosures for 2x500 KVA & 1000 KVA DG sets with Stack height of 30 m AGL. 	<p>with O & M of 0.20 Crores/Annum.</p> <p>Timeline: Year 2024-25; after grant of EC.</p> <p>Budget: Rs. 5 Crores shall be spent on installation of CPU, ETP & STP with O & M of 0.3 Crores/Annum.</p> <p>Time line: Year 2024-25; after grant of EC</p> <p>Budget: Rs. 0.8 Crores shall be spent on installation of Stacks with O & M of 0.05 Crores/Annum.</p> <p>Timeline: Year 2024-25; after grant of EC.</p> <p>Budget: Rs. 0.35 Crores shall be spent on greenbelt development with O & M of 0.1 Crores/Annum.</p> <p>Timeline: Year 2024-25; after grant of EC.</p> <p>Budget: Rs. 0.5 Crores shall be spent on asphaltting road with O</p>
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		<p>Installation of water sprinkler's to suppress dust emissions.</p> <ul style="list-style-type: none"> • Provision of installation of stacks for boiler & DG set • Provision of installation of 4000 KLD CPU for Sugar unit & 2500 KLD CPU for Distillery, ETP of 500 KLD & STP of 20 KLD. • Provision of Enlarge & Asphalted of approach roads to project site. • Provision of greenbelt development in the industry. • Industry will take steps to improve the surrounding villages under CER activities 	<p>& M of 0.05 Crores/Annum.</p> <p>Timeline: Year 2024-25; after grant of EC.</p> <p>Budget: Rs. 6.015 Crores shall be reserve for carryout CER activities.</p> <p>Timeline: Year 2024-25; after grant of EC.</p>
6	<p>Bharamappa S/o Doddanarsappa & others of Chickkabagnal Village, they states that, they are the sugarcane growing farmers and They were facing difficulties to transport their crops to other factories i.e., Vijayanagar Sugar Industry, Mylar Sugar Industry & NSL Sugar Industry which are almost 100 to 150 Kms away from village.</p> <p>They are happy from the industry, which is coming in the nearby village.</p>	<p>Response:</p> <p>The industry will purchase the sugarcane from the surrounding village agriculture fields for a good price.</p> <p>Action Plan:</p> <p>The industry will purchase sugar cane from 3000 number of farmers at competitive Prize.</p>	-
7	<p>Venka Reddy S/o Adivappa & others of Hyati Village, they states that, they are the sugarcane growing farmers and They were facing difficulties to transport their crops to other factories i.e., Vijayanagar Sugar Industry, Mylar Sugar Industry & NSL Sugar Industry which</p>	<p>Response:</p> <p>The industry will purchase the sugarcane from the surrounding village agriculture fields for a good price.</p> <p>Action Plan:</p>	-

	<p>are almost 100 to150 Kms away from village.</p> <p>They are happy from the industry, which is coming in the nearby village i.e, Muddaballi and this would be helpful for them as their expenses for transportation for Sugarcane to others industries will be reduced.</p> <p>Hence they are requested to establish the industry.</p>	<p>The industry will purchase sugar cane from 3000 number of formers at competitive Prize.</p>	
8	<p>Govinda Reddy Makanur & others of Muddaballi Village, He states that, he requested to establish the Sugar factory it will be helpful for lower class people of like them, this industry is extremely necessary. Hence they requested to permit the industry.</p>	<p>Response & Action Plan</p> <p>The industry will provide 200 No of employment opportunities to the surrounding villagers & this will helps to develops economic growth</p>	-
9	<p>Bhimanagouda S/o Karegouda & others of Hirekasanakandi, He states that, they have enough irrigation facilities and hence they are growing sugar cane crops. But to transport Sugar Cane from villages to industries such as Mylar Sugars, Vijayanagar Sugars & Shiraguppa factory they are facing difficulties since, those factories are 100 Km away from the villages and those industries will buy sugarcane after purchasing from adjacent villages.</p>	<p>Response:</p> <p>The industry will purchase the sugarcane from the surrounding village agriculture fields for a good price.</p> <p>Action Plan</p> <p>The industry will purchase sugar cane from 3000 number of formers at competitive Prize.</p>	-
10	<p>Fakir Gouda & others of Chikkasindhogi Village, they states that, they would be very happy if the Sugar industry is establishment in their village Muddaballi as it</p>	<p>Response:</p> <ul style="list-style-type: none"> The industry will purchase the sugarcane from the surrounding village agriculture fields for a good price. 	-

	would be helpful for all the farmers growing Sugarcane.	<ul style="list-style-type: none"> The industry will provide 200 No of employment opportunities to the surrounding villagers & this will helps to develops economic growth. <p>Action Plan:</p> <p>The industry will purchase sugar cane from 3000 number of formers at competitive Prize.</p>	
11	Ballari S Hiremat & other of Hirebagnal Village, They states that, Sugarcane is the main crop for growing in the villages. They were facing difficulties to transport their crops to other factories Vijayanagar Sugar Industry, Mylar Sugar Industry & NSL Sugar Industry which are almost located 150-100 Kms far from Muddaballi Village.	<p>Response:</p> <p>The industry will purchase the sugarcane from the surrounding village agriculture fields for a good price.</p> <p>Action Plan:</p> <p>The industry will purchase sugar cane from 3000 number of formers at competitive Prize.</p>	-
12	Prabhu Gouda Police Patil & others of Lachankeri Village, They states that, they are happy that the industry is being setup in nearby Muddaballi village as the farmers grow Sugarcane and it would be helpful for them as their expenses for transportation to the other industries will be reduced.	<p>Response:</p> <p>The industry will purchase the sugarcane from the surrounding village agriculture fields for a good price.</p> <p>Action Plan:</p> <p>The industry will purchase sugar cane from 3000 number of formers at competitive Prize.</p>	-
13	R Tikya Naik, State President of the Karnataka Suvarna Sainya, He states that, he request the Hon'ble District Commissioner, Koppal to cancel the permission to industry, Because the factories to be set up at a distance of 3-5 Kms away from the villages, but this sugarcane factory is	<p>Response:</p> <ul style="list-style-type: none"> The nearest villages i.e, Muddaballi Village are located at a distance of 0.25 Km (E) and Gondabala Village is located at a distance of 0.74 Km (SW) from the project site boundary Due to proposed project there will not be any serious harm to the Environment. The industry 	Budget : Rs. 2.5 Crores shall be spent on installation of ESP & other air pollution reduction measures, water sprinkling & installation of OCEMS with O & M of 0.20 Crores/Annum.

	<p>one kilometer away from the village, which affects the health of the public and also Tungabhadra River is 2-3 Km away.</p>	<p>will undertake that all the mitigation measures will be adopted before start-up of the industry to avoid pollution from the industry on the surrounding Environment such APCE to control air pollution and the plant will be maintained with ZLD concept without releasing any waste water / treated water outside of the premises. Hence no pollution will be caused from the industry to the surrounding environment.</p> <p>Action Plan</p> <ul style="list-style-type: none"> • Provision of installation of APCE such as 2 No's of ESP for 120 TPH & 60 TPH boiler with stack height of 90 m AGL & acoustic enclosures for 2x500 KVA & 1000 KVA DG sets with Stack height of 30 m AGL. Installation of water sprinkler's to suppress dust emissions. • Provision of installation of stacks for boiler & D G set • Provision of installation of 4000 KLD CPU for Sugar unit & 2500 KLD CPU for Distillery, ETP of 500 KLD & STP of 20 KLD 	<p>Timeline: Year 2024-25; after grant of EC.</p> <p>Budget: Rs. 5 Crores shall be spent on installation of CPU, ETP & STP with O & M of 0.3 Crores/Annum. Time line: Year 2024-25; after grant of EC</p> <p>Timeline: Year 2024-25; after grant of EC.</p> <p>Budget: Rs. 0.8 Crores shall be spent on installation of Stacks with O & M of 0.05 Crores/Annum.</p> <p>Timeline: Year 2024-25; after grant of EC.</p>
14	<p>B. V. Reddy, President, Shakthi Environment, Rural Development Society.</p> <p>He states that, due to the proposed project the state revenue will improve and also socio-economic status of the local public in the nearby villages will improve as the industry will employment opportunities.</p>	<p>Response:</p> <ul style="list-style-type: none"> • The industry will provide 200 No of employment opportunities to the surrounding villagers & this will help to develop economic growth • M/s. UKEMAIL will conduct medical health camps in surrounding villages. • The total area reserved for Greenbelt development is 33 % & will develop the additional Greenbelt in and around the industry. • The industry will provide RO treatment units to the surrounding villages. 	<p>Budget: Rs. 0.3 Crores shall be spent on arrangement medical health camps & medical facility to surrounding villages with O & M of 0.1 Crores/Annum. Timeline: Year 2024-25; after grant of EC.</p> <p>Budget: Rs. 0.5 Crores shall be spent on asphalt road with O</p>

		<ul style="list-style-type: none"> • M/s. UKEMAIL will develop the Govt. Schools in the study area and same will be developed. • The industry will develop the roads connected to villages from the industry. • The CER activities will be carried out coordination with villagers and Govt. officials. <p>Action Plan</p> <ul style="list-style-type: none"> • Provision of medical health camps & medical facility to surrounding villages. • Provision of Greenbelt development in the project site. • Provision of RO treatment units to the surrounding village. • Provision of development of villages under CER activities. 	<p>& M of 0.05 Crores/Annum.</p> <p>Timeline: Year 2024-25; after grant of EC.</p> <p>Budget: Rs. 0.35 Crores shall be spent on greenbelt development in the plant with O & M of 0.1 Crores/Annum. Timeline: Year 2024-25; after grant of EC.</p> <p>Budget: Rs. 6.015 Crores shall be reserve for carryout CER activities.</p> <p>Timeline: Year 2024-25; after grant of EC.</p>
15	<p>G Sathyanarayana Reddy, Co-Ordinator</p> <p>Ujwala Environment Social Welfare Society, Koppal,</p> <p>He states that, He supported the establishment of the industry by suggesting the below points to the industry;</p> <ol style="list-style-type: none"> 1. Give top priority to local people for employment opportunity. 2. 33% Plantation good. 3. Give drinking water facility to near villages. 4. Develop the main and street roads of near villages. 5. The project will contribute additional revenue to the State and Central Governments. 	<p>Response:</p> <ul style="list-style-type: none"> • The industry will provide 200 No of employment opportunities to the surrounding villagers & this will helps to develops economic growth • The total area reserved for Greenbelt development is 33 %. • The industry will provide RO treatment units to the surrounding villages. • The industry will develop the roads connected to villages from the industry <p>Action Plan</p> <ul style="list-style-type: none"> • Provision of medical health camps & medical facility to surrounding villages. • Provision of Greenbelt development in the project site. 	<p>Budget: Rs. 0.35 Crores shall be spent on greenbelt development in the plant with O & M of 0.1 Crores/Annum.</p> <p>Timeline: Year 2024-25; after grant of EC.</p> <p>Budget: Rs. 0.34 Crores shall be spent provision of RO plants.</p> <p>Timeline: Year 2024-25; after grant of EC.</p> <p>Budget: Rs. 0.5 Crores shall be spent on asphaltting road with O</p>

		<ul style="list-style-type: none"> • Provision of RO treatment units to the surrounding village. • Provision of develop the roads connected to villages from the industry 	<p>& M of 0.05 Crores/Annum</p> <p>Timeline: Year 2024-25; after grant of EC.</p>
16	<p>K. Sreenivasa Murthy, Secretary</p> <p>Dharani Ever Green Welfare Society (NGO)</p> <p>He states that, he supports for establishment of M/s. UKEM Agree Infra Limited by following the below points;</p> <ol style="list-style-type: none"> 1. Take up avenue plantation in the surrounding villages with variety of herbal, fruit bearing tree species. 2. Greenbelt will be develop within the project premises 3. CPCB & CREP guidelines should follow 4. Incorporate public health status and ground water status of the area. 5. Providing employment to nearby villages <p>CSR activities should be carryout in the local area</p>	<p>Response:</p> <ul style="list-style-type: none"> • The industry will take plantation in the surrounding villages • The total area reserved for Greenbelt development is 33 % • The industry will follow the CPCB & CREP guidelines • The public health status and ground water status of the area is incorporated in the Final EIA report. • The industry will provide 200 No of employment opportunities to the surrounding villagers & this will helps to develops economic growth • The industry will carry out the CER activities in the surrounding villages <p>Action Plan</p> <ul style="list-style-type: none"> • Provision of Greenbelt development in the project site & surrounding villages. • 200 No of employment opportunities to the surrounding villagers based on their qualifications. • Provision of development of villages under CER activities. 	<p>Budget: Rs. 0.35 Crores shall be spent on greenbelt development in the plant with O & M of 0.1 Crores/Annum.</p> <p>Timeline: Year 2024-25; after grant of EC.</p> <p>Budget: Rs. 0.3 Crores shall be spent on arrangement medical health camps & medical facility to surrounding villages with O & M of 0.1 Crores/Annum.</p> <p>Timeline: Year 2024-25; after grant of EC.</p> <p>Budget: Rs. 6.015 Crores shall be reserve for carryout CER activities.</p> <p>Timeline: Year 2024-25; after grant of EC.</p>
17	<p>G. Sudarshana Reddy, Co-Ordinator, He states that, he is the Social Worker and supporting the project by following below measures;</p> <ol style="list-style-type: none"> 1. Provide medical facilities to near villages & conduct medical camps regularly. 2. 33% plantation for green belt is good. As per 	<p>Response:</p> <ul style="list-style-type: none"> • M/s. UKEMAIL will conduct medical health camps in surrounding villages. • The total area reserved for Greenbelt development is 33 % & will develop the additional Greenbelt in and around the industry. 	<p>Budget: Rs. 0.3 Crores shall be spent on arrangement medical health camps & medical facility to surrounding villages with O & M of 0.1 Crores/Annum.</p> <p>Timeline: Year 2024-25; after grant of EC.</p>

	<p>CPCB norms, but I am requesting to increase if any possible.</p> <p>3. Give drinking water facility to near villages.</p> <p>4. The project will contribute additional revenue to the state and central government.</p> <p>Hence he welcomes the project & supported for issue of Environmental clearance from MoEF & CC, Govt. of Indian, New Delhi</p>	<ul style="list-style-type: none"> The industry will provide RO treatment units to the surrounding villages. <p>Action Plan</p> <ul style="list-style-type: none"> Provision of medical health camps & medical facility to surrounding villages. Provision of 33% of Greenbelt development in the project site. Provision of RO treatment units to the surrounding village. 	<p>Budget: Rs. 0.35 Crores shall be spent on greenbelt development in the plant with O & M of 0.1 Crores/Annum.</p> <p>Timeline: Year 2024-25; after grant of EC.</p> <p>Budget: Rs. 0.34 Crores shall be spent provision of RO plants.</p> <p>Timeline: Year 2024-25; after grant of EC.</p>
18	<p>B. Hemanth Kumar Tumkur District, Karnataka, Naveen Evergreen, Social Service Society.</p> <p>He states that, He supported the establishment of the industry by suggesting the below points to the industry;</p> <ol style="list-style-type: none"> Give top priority to local people for employment opportunity. 33% plantation for green belt is good. As per CPCB norms, but I am requesting to increase if any possible. Give drinking water facility to near villages. Give good education to near village children. Develop the main and street roads of near villages. The project will contribute additional revenue to the State and Central Governments. 	<p>Response:</p> <ul style="list-style-type: none"> The industry will provide 200 No of employment opportunities to the surrounding villagers & this will helps to develops economic growth The total area reserved for Greenbelt development is 33 % & will develop the additional Greenbelt in and around the industry. The industry will provide RO treatment units to the surrounding villages. M/s. UKEMAIL will develop the Govt. Schools in the study area and same will be developed. The industry will develop the roads connected to villages from the industry <p>Action Plan</p> <ul style="list-style-type: none"> Provision of medical health camps & medical facility to surrounding villages. Provision of 33% of Greenbelt development in the project site. Provision of RO treatment units to the surrounding village. Provision of develop the roads connected to villages from the industry 	<p>Budget: Rs. 0.35 Crores shall be spent on greenbelt development in the plant with O & M of 0.1 Crores/Annum. Timeline: Year 2024-25; after grant of EC.</p> <p>Budget: Rs. 0.34 Crores shall be spent provision of RO plants. Timeline: Year 2024-25; after grant of EC.</p> <p>Budget: Rs. 0.3 Crores shall be spent on arrangement medical health camps & medical facility to surrounding villages with O & M of 0.1 Crores/Annum. Timeline: Year 2024-25; after grant of EC.</p> <p>Budget: Rs. 0.5 Crores shall be spent on asphaltting road with O & M of 0.05</p>

			<p>Crores/Annum. Timeline: Year 2024-25; after grant of EC.</p> <p>Budget: Rs. 6.015 Crores shall be reserve for carryout CER activities.</p> <p>Timeline: Year 2024-25; after grant of EC.</p>
19	<p>Nagaraja S/o Venkappa Poojar, Chambaralli He states that, re requested to permit the industry from the establishment they will get job opportunities.</p>	<p>Response & action plan</p> <p>The industry will provide 200 No of employment opportunities to the surrounding villagers & this will helps to develops economic growth</p>	-

