

APPENDIX I
(See paragraph – 6)
FORM 1

(I) Basic Information:

Sl. No.	ITEM	DETAILS
1.	Name of the Project/s	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 Ltd., 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 State – 583238
2.	S.No. in the Schedule	Category A- 5(g), 5(J) & 1 (d)
3.	Proposed capacity/area/length/tonnage to be handled/command area/lease area/number of wells to be drilled	Proposed capacity to establish 5000 TCD Sugar unit, 30 MW Co-generation unit, and 300 KLD Multi feed distillery unit (Cane Syrup/Grain/Molasses) to produce ethanol. Total area of the industry is 48 Acres 10 Guntas
4.	New/Expansion/Modernization	New
5.	Existing capacity/Area etc.	Nil
6.	Category of Project i.e., 'A' or 'B'	A
7.	Does it attract general condition? If yes, please specify.	No
8.	Does it attract specific condition? If yes, please specify.	No
9.	Location	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 State - 583238.
	Plot/Survey/Khatha No.	
	Village	
	Tehsil	
	District	
	State	
10.	Nearest railway station/airport along with distance in Kms.	<u>Railway Station:</u> • Koppal Railway Station – 8.19 Km (N) <u>Airport:</u> • Jindal Vijayanagar Airport – 53.06 Km (SE)
11.	Nearest Town, City, District Headquarters along with distance in Kms.	Koppal - 5.82 Km (NE)
12.	Village Panchayat, Zilla Parishad, Municipal Corporation, Local body (complete postal addresses with Telephone Nos. to be given).	The proposed project site falls under Gondbal Gram Panchayat, Koppal Taluk, Koppal District, Karnataka - 583238 Telecom : 9148599999
13.	Name of the Applicant	Mr. Veerendra Basavaraj Koujalagi Chairman M/s. UKEM Agre Infra Ltd.
14.	Registered Address	Laxmi Business House, SR No. 98/2A/1A/1

		Manjunath Nagar Cross, Gokul Road, Opp. Basaveshwaranagar Bus Stop Hubli, Dharwad, Karnataka - 580030.																		
15.	Address for Correspondence	M/s. UKEM Agre Infra Ltd.,																		
	Name	Mr. Veerendra Basavaraj Koujalagi																		
	Designation (Owner/Partner/CEO)	Chairman																		
	Address	Laxmi Business House, SR No. 98/2A/1A/1																		
	Pin Code	Manjunath Nagar Cross, Gokul Road, Opp.																		
	E-mail	Basaveshwaranagar Bus Stop Hubli, Dharwad,																		
	Telephone No.	Karnataka - 580030.																		
	Fax No.	Phone number: 9845250807 E-mail :koujalgivb@gmail.com																		
16.	Details of Alternative Sites examined, if any. Location of these sites should be shown on a topo-sheet.	M/s. UKEM Agre Infra Ltd. has studied several alternative locations and most of which are not meeting the siting guidelines. Hence the proposed site has been finalized and Justification for selecting the proposed project site as per CREP Guidelines is as follows;																		
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			solid wastes so that these could be available for possible reuse.	site area which is shown in site plan.
		6	Layout of the industry that may come up in the area must conform to the landscape of the area without affecting the scenic features of that place.	Layout of the upcoming industry will not affect the scenic features of that area and conform to the landscape of the area.
		7	Associated township of the industry may be created at a space having physiographic barrier between the industry and the township.	Guest house and Canteen will be provided adjacent to the plant layout.
17.	Interlinked Projects	No		
18.	Whether separate application of interlinked project has been submitted?	Not applicable		
19.	If yes, date of submission	Not applicable		
20.	If no, reason	Not applicable		
21.	Whether the proposal involves approval/clearance under: if yes, details of the same and their status to be given. (a) The Forest (Conservation) Act, 1980? (b) The Wildlife (Protection) Act, 1972? (c) The C.R.Z Notification, 1991?	Not applicable Not applicable Not applicable		
22.	Whether there is any Government Order/Policy relevant/relating to the Site?	Industrial Entrepreneurs Memorandum (IEM) is obtained from Ministry of Commerce & industry Department for Promotion of industry and internal Trade and copy of the same is attached as Annexure.		
23.	Forest land involved (hectares)	No		
24.	Whether there is any litigation pending against the project and/or land in which the project is propose to be setup? (a) Name of the Court (b) Case No. (c) Orders/directions of the Court, if any and its relevance with the proposed project.	No		

(I) Activity:

- 1. Construction, operation or decommissioning of the Project involving actions, which will cause physical changes in the locality (topography, land use, changes in water bodies, etc.)**

Sl. No.	Information/Checklist confirmation	Yes/ No	Details thereof (with approximate quantities /rates, wherever possible) with source of information data
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1.1	Permanent or temporary change in land use, land cover or topography including increase in intensity of land use (with respect to local land use plan)	Yes	There is a permanent change in land use pattern after implementation of the project. The total land area of proposed project is 48 Acres 10 Guntas which needs to be converted from agriculture land use to industrial purpose and it is under process of land conversion.
1.2	Clearance of existing land, vegetation and buildings?	Yes	The proposed project site is vacant land, hence clearance of some herbs and shrubs will be required before commencement of the construction work.
1.3	Creation of new land uses?	Yes	The existing land use pattern is Agricultural land which needs to convert to Industrial land use.
1.4	Pre-construction investigations e.g. bore houses, soil testing?	Yes	Soil testing will be carried out.
1.5	Construction works?	Yes	Buildings & foundations work will be required for proposed 5000 TCD sugar plant, 30MW-Co-generation and 300KLD distillery.
1.6	Demolition works?	No	No demolition work involved
1.7	Temporary sites used for construction works or housing of construction workers?	Yes	During construction period, temporary Labour camp will be provided within the site.
1.8	Above ground buildings, structures or Earthworks including linear structures, cut and fill or excavations?	Yes	Establishment of the Industry will involve construction of above ground buildings and structures. Land filling will be carried out in the low laying areas of the project site.
1.9	Underground works including mining or tunneling?	No	Not applicable
1.10	Reclamation works?	No	Not applicable
1.11	Dredging?	No	Not applicable
1.12	Offshore structures?	No	Not applicable
1.13	Production and manufacturing processes?	Yes	<ol style="list-style-type: none"> 1. 5000 TCD Sugar plant is to produce Cane Juice/ Syrup which is raw material for the Distillery unit. 2. Distillery Unit to manufacture of 300 KLPD Ethanol (180 days - Cane Juice/Syrup based & 60 days - Grain based & 90 days – Molasses based). 3. Power from Co-generation unit 30MW/Hr
1.14	Facilities for storage of goods or materials?	Yes	Necessary raw material storage yard will be established within the plant premises.
1.15	Facilities for treatment or disposal of solid waste or liquid effluents?	Yes	Treatment plant facility will be provided in the premises for scientific handling of solid waste & liquid effluents.
1.16	Facilities for long term housing of operational workers?	Yes	Staff quarters will be provided for housing of operational workers.
1.17	New road, rail or sea traffic during construction or operation?	No	Not applicable

1.18	New road, rail, air waterborne or other transport infrastructure including new or altered routes and stations, ports, airports etc?	No	Not applicable.																				
1.19	Closure or diversion of existing transport routes or infrastructure leading to changes in traffic movements?	No	Not applicable																				
1.20	New or diverted transmission lines or pipelines?	Yes	Required transmission lines and pipelines will be installed for power transmission and water from Tungabhadra River to project site.																				
1.21	Impoundment, damming, culverting, realignment or other changes to the hydrology of watercourses or aquifers?	No	Not applicable																				
1.22	Stream crossings?	No	No																				
1.23	Abstraction or transfers of water form ground or surface waters?	Yes	<p>Source: Tungabhadra River. A request letter has been submitted to Water Resource Department, Vikasa Souda, Govt. of Karnataka Bangalore for withdrawal of 4000 KLD of water from Tungabhadra River and the same is attached as Annexure. Total Water Requirement for 300 KLD ethanol production is as follows</p> <table border="1"> <thead> <tr> <th>Water availability /requirement</th> <th>Cane Juice/Syrup</th> <th>Grain</th> <th>C- Hy. Molasses</th> <th>B- Hy. Molasses</th> </tr> </thead> <tbody> <tr> <td>Total water</td> <td>2990 KLD</td> <td>3300 KLD</td> <td>3750 KLD</td> <td>3300 KLD</td> </tr> <tr> <td>Fresh water</td> <td>1040 KLD</td> <td>1350 KLD</td> <td>1800 KLD</td> <td>1350 KLD</td> </tr> <tr> <td>Recycled water</td> <td>1950 KLD</td> <td>1950 KLD</td> <td>1950 KLD</td> <td>1950 KLD</td> </tr> </tbody> </table>	Water availability /requirement	Cane Juice/Syrup	Grain	C- Hy. Molasses	B- Hy. Molasses	Total water	2990 KLD	3300 KLD	3750 KLD	3300 KLD	Fresh water	1040 KLD	1350 KLD	1800 KLD	1350 KLD	Recycled water	1950 KLD	1950 KLD	1950 KLD	1950 KLD
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1.24	Changes in water bodies or the land surface affecting drainage or run-off?	No	Not applicable																				
1.25	Transport of personnel or materials for construction, operation or decommissioning?	Yes	<p>Partial Labour camp will be provided with all facilities within the proposed site and transport of construction materials will be mainly through trucks.</p> <p>The man power requirement for the project during construction phase is 100 Nos, and during operational phase is 200 Nos, maximum of the workers will be taken from local area based on technical eligibility criteria.</p>																				
1.26	Long-term dismantling or decommissioning or restoration works?	No	Not applicable																				
1.27	Ongoing activity during decommissioning which could	Yes	There is a short-term effect on environment during construction of proposed project.																				

	have an impact on the environment?		
1.28	Influx of people to an area in either temporarily or permanently?	Yes	With the establishment of the industry there will be influx of people. The man Power requirement for the project during construction phase is 100 Nos, and during operational phase is 200 Nos, maximum the workers will be taken from local area based on technical eligibility criteria.
1.29	Introduction of alien species?	No	Not applicable
1.30	Loss of native species or genetic diversity?	Yes	Proposed site area is vacant land. Some Clearance of Herbs and Shrubs are required before commencement of construction works, which will be compensated through green belt development.
1.31	Any other actions?	Yes	Proposed green area of 33% (15.9 Acres of the total area) is scientifically planned with more of native species.

2. Use of Natural resources for construction or operation of the Project (such as land, water, materials or energy, especially any resources which are non-renewable or in short supply):

S.No	Information/checklist confirmation	Yes/No	Details thereof (with approximate quantities /rates, wherever possible) with source of information data																				
2.1	Land especially undeveloped or agricultural land (ha)	Yes	The total Agricultural land area of proposed project is 48 Acres 10 Guntas. Which needs to be converted to Industrial Purpose.																				
2.2	Water (expected source & competing users) unit: KLPD	Yes	<p>Source: Tungabhadra River. A request letter has been submitted to Water Resource Department, Vikasa Souda, Govt. of Karnataka Bangalore for withdrawal of 4000 KLD of water from Tungabhadra River and the same is attached as Annexure. Total Water Requirement for 300 KLD ethanol production is as follows</p> <table border="1"> <thead> <tr> <th>Water availability /requirement</th> <th>Cane Juice/Syrup</th> <th>Grain</th> <th>C- Hy. Molasses</th> <th>B- Hy. Molasses</th> </tr> </thead> <tbody> <tr> <td>Total water</td> <td>2990 KLD</td> <td>3300 KLD</td> <td>3750 KLD</td> <td>3300 KLD</td> </tr> <tr> <td>Fresh water</td> <td>1040 KLD</td> <td>1350 KLD</td> <td>1800 KLD</td> <td>1350 KLD</td> </tr> <tr> <td>Recycled water</td> <td>1950 KLD</td> <td>1950 KLD</td> <td>1950 KLD</td> <td>1950 KLD</td> </tr> </tbody> </table>	Water availability /requirement	Cane Juice/Syrup	Grain	C- Hy. Molasses	B- Hy. Molasses	Total water	2990 KLD	3300 KLD	3750 KLD	3300 KLD	Fresh water	1040 KLD	1350 KLD	1800 KLD	1350 KLD	Recycled water	1950 KLD	1950 KLD	1950 KLD	1950 KLD
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2.3	Minerals (MT)	No	Not applicable																				
2.4	Construction material – stone, aggregates, sand / soil (expected source – MT)	Yes	<p>As estimated:</p> <p>Sand -11500 MT Coarse aggregate -12000m3 Fine aggregate -4150 m3 Cement -2500 MT Steel -1500 MT</p>																				

			Bricks -12500 MT
2.5	Forests and timber (source – MT)	No	Not applicable
2.6	Energy including electricity and fuels (source, competing users) Unit: fuel (MT), energy (MW)	Yes	Total Power required: During Construction Phase: The required power of 500 kW/hr will be met from GESCOM. During Operation Phase – 8.2 MW/hr The required Power will be met from proposed 30 MW Co-gen unit & excess power will be sold to KPTCL/Open access. For back-up power DG sets of capacity 2X500 KVA and 1000 KVA are proposed which will be used only during power failure.
2.7	Any other natural resources (use appropriate standard units)	No	Not applicable

3. Use, storage, transport, handling or production of substances or materials, which could be harmful to human health or the environment or raise concerns about actual or perceived risks to human health.

Sl. No	Information/Checklist confirmation	Yes/No	Details thereof (with approximate quantities/rates, wherever possible) with source of information data
3.1	Use of substances or materials, which are hazardous (as per MSIHC rules) to human health or the environment (flora, fauna, and water supplies)	Yes	Product: Ethanol is highly flammable. Will be stored separately in tanks. No any hazardous chemical as per MSIHC rules will be used in processes. Product – Ethanol is hazardous as per MSIHC rules, same will be stored as per MSIHC rules DG sets: Used oil from the DG sets will be stored in separate leak proof container and handed over to KSPCB authorized reprocessors.
3.2	Changes in occurrence of disease or affect disease vectors (e.g., insect or water borne diseases)	No	Not applicable
3.3	Affect the welfare of people e.g., by changing living conditions?	Yes	After commissioning of proposed project there will be positive impact on the socio-economic status of local population with direct and indirect employment opportunities. This will improve the life style of the people in the surrounding area.
3.4	Vulnerable groups of people who could be affected by the project e.g. hospital patients, children, the elderly etc.,	No	Not applicable
3.5	Any other causes	No	Not applicable

4. Production of solid wastes during construction or operation or decommissioning (MT/month)

Sl. No	Information/Checklist confirmation	Yes/No	Details thereof (with approximate quantities/rates, wherever possible) with source of information data
4.1	Soil, overburden or mine wastes	Yes	Limited excavation and back filling on site during civil construction for manufacturing set up. Once the construction work is complete the excess soil if any, would be utilized for proper landscaping/green belt development with more of native species.
4.2	Municipal waste (domestic and or commercial wastes)	Yes	Organic solid wastes such as garden trash, vegetable wastes, food waste and Inorganic solid wastes such as Papers, plastics, floor sweepings etc., will be generated from the industry premises. The organic and inorganic wastes will be segregated and handed over to Municipal Solid waste management unit on day-to-day basis.
4.3	Hazardous wastes (as per Hazardous Waste Management Rules)	Yes	Used Oil from the D.G. Sets and Transformer oil (Category 5.1) Oil-soaked cotton waste (Category 5.2)
4.4	Other industrial process wastes	Yes	Bottom Ash & Fly ash : 40 TPD ETP sludge : 0.042 MT/day Yeast sludge : 3.00 MT/day CPU Sludge: 0.012 MT/day Bagasse : 1500 TPD DDGS : 240 TPD Spent wash: The quantity of raw spent wash generated from distillation is huge and difficult to handle due to acidic in nature. As per CPCB guideline the raw spent wash quantity will be reduced by removing moisture up to 80% of total volume using multiple effect evaporator and concentrated slop is fired along with supportive fuel like Bagasse/coal in slop fired incineration boiler thus achieving zero liquid discharge (ZLD) DDGS: The generated DDGS from grain will be used as cattle feed.
4.5	Surplus product	Yes	The excess power during Season 12.80 MW and during Off-Season 18.91 MW will be sold to the KPTCL/open access.
4.6	Sewage sludge or other sludge from effluent treatment	Yes	CPU Sludge: 15Kg/day

4.7	Construction or demolition wastes	Yes	Negligible quantity of construction waste would be generated same would be used for filling low lying areas in factory premises. Scrap if any shall be sold to outside parties for reuse.
4.8	Redundant machinery or equipment	No	No redundant machinery
4.9	Contaminated soils or other materials	No	Not applicable
4.10	Agricultural wastes	No	Not applicable
4.11	Other solid wastes	Yes	Fly ash will be given to brick manufacturing industry.

5. Release of pollutants or any hazardous, toxic or noxious substances to air (Kg/hr)

Sl. No.	Information/Checklist confirmation	Yes/No	Details thereof (with approximate quantities/rates, wherever possible) with source of information data
5.1	Emissions from combustion of fossil fuels from stationary or mobile sources	Yes	Emissions from boilers of capacity 60 TPH & 120 TPH will be controlled by ESP & Acoustic Enclosure will be provided to DG Sets of capacity 2 x 500 KVA & 1000 KVA to control the emissions.
5.2	Emissions from production processes	Yes	Emissions from boilers 60 TPH & 120 TPH will be controlled by ESP.
5.3	Emissions from materials handling including storage or transport	Yes	Dust emissions arise during loading and unloading of the raw materials Vehicular exhaust (PM, SO _x , NO _x , CO ₂ & CO etc.,)
5.4	Emissions from construction activities including plant and equipment	Yes	Dust will be generated during construction activity. Same will be curbed by sprinkling of water in premises.
5.5	Dust or odors from handling of materials including construction materials, sewage and waste	Yes	Spent wash if not handled properly may lead to odor nuisance. Spent wash will be handled in closed pipeline. Proper care will be taken & eco-friendly practices will be adopted.
5.6	Emissions from incineration of waste	No	Not applicable
5.7	Emissions from burning of waste in open air (e.g., slash materials, construction debris)	No	Not applicable
5.8	Emissions from any other sources	No	Not applicable

6. Generation of Noise and Vibration, and Emissions of Light and Heat:

Sl. No.	Information/Checklist confirmation	Yes/No	Details thereof (with approximate quantities/rates, wherever possible) with source of information data with source of information data
6.1	From operation of equipment e.g. engines, ventilation plant, crushers	Yes	Probable sources of noise shall be boiler house & distillation section, fermentation house etc. Trucks/tractors will be used for transportation of raw material & finished product. Workers entering work zone area like boiler house etc. would be provided

			with proper PPE. Proper acoustic treatments would be provided to keep ambient noise levels below permissible limits as per the CPCB standards.
6.2	From industrial or similar processes	Yes	Proper acoustic treatments will be provided to keep noise levels below permissible limits as per the CPCB Standards. The workers will be provided with proper PPEs.
6.3	From construction or demolition	No	Not applicable
6.4	From blasting or piling	No	No blasting and piling activity will be carried out.
6.5	From construction or operational traffic	Yes	Heavy construction traffic for loading and unloading, fabrication and handling of equipment and construction materials are likely to cause an increase in the ambient noise levels. Further to minimize potential noise level impacts, major construction activities will be scheduled during normal daylight working hours. The contractor will be instructed to use all machinery of recent vintage with appropriate noise muffling devices resulting in the least possible noise. Overall, the impact of noise generated on the environment is likely to be insignificant, reversible and localized in nature and mainly confined to daytime and reduces gradually as the project progresses.
6.6	From lighting or cooling systems	Yes	Cooling towers noise levels are tolerable & is limited to cooling tower area only.
6.7	From any other sources	No	Not applicable

7. Risks of contamination of land or water from releases of pollutants into the ground or into sewers, surface waters, groundwater, coastal waters or the sea:

Sl. No	Information/Checklist confirmation	Yes/No	Details thereof (with approximate quantities/rates, wherever possible) with source of information data
7.1	From handling, storage, use or spillage of hazardous materials	Yes	HSD with Sulphur Content<0.05% is used in DG Sets. DG set used oil will be stored at an identified place, in leak proof barrels and will be handed over to KSPCB authorized reprocessor.
7.2	From discharge of sewage or other effluents to water or the land (expected mode and place of discharge)	Yes	During operational phase, wastewater generation from the process like Boiler blow down, WTP reject, Heat exchanger, cleaning, lab will be treated in ETP of capacity 400 KLPD and utilized on-land for irrigation purpose after confirming the

			standards stipulated by KSPCB. Condensate Polishing unit of 2500 KLPD will be established to treat the condensate. Spent Wash generated will be concentrated in MEE by removing 80% moisture then the concentrated slop will be fired along with bagasse as fuel. Sewage generated will be treated in STP of capacity 10 KLPD.
7.3	By deposition of pollutants emitted to air into the land or into water	No	Not applicable
7.4	From any other sources	No	Not applicable
7.5	Is there a risk of long term built-up of pollutants in the environment from these sources?	No	All pollutants are handled in a scientific manner thus there is no risk anticipated from long term built-up of pollutants in the environment from any of the source.

8. Risk of accidents during construction or operation of the Project, which could affect human health or the environment

Sl. No.	Information/Checklist confirmation	Yes/No	Details thereof (with approximate quantities/rates, wherever possible) with source of information data
8.1	From explosions, spillages, fires etc., from storage, handling, use or production of hazardous substances	No	Not applicable
8.2	From any other causes	No	Not applicable
8.3	Could the project be affected by natural disasters causing environmental damage (e.g. Floods, earthquakes, landslides, cloudburst etc)?	No	Not applicable

9. Factors which should be considered (such as consequential development) which could lead to environmental effects or the potential for cumulative impacts with other existing or planned activities in the locality

S. No.	Information/Checklist confirmation	Yes/No	Details thereof (with approximate quantities/rates, wherever possible) with source of information data
9.1	Lead to development of supporting Utilities, ancillary development or development stimulated by the project which could have impact on the environment e.g.: <ul style="list-style-type: none"> • Supporting infrastructure (roads, power supply, waste or waste water treatment, etc.) • Housing development • Extractive industries • Supply industries 	Yes	<ol style="list-style-type: none"> 1. Internal roads will be constructed excess power from the industry will be sold to KPTCL/Open access. 2. From own Co-gen unit there will be 30 MW/ Hr of power generation partially it will be used in distillery.

	• Other		
9.2	Lead to after-use of the site, which could have an impact on the environment	No	Not applicable
9.3	Set a precedent for later developments	No	Not applicable
9.4	Have cumulative effects due to proximity to other existing or planned projects with similar effects	No	Not applicable

(III) Environmental Sensitivity

S. No.	Areas	Name/ Identity	Aerial distance (within 15 km.) Proposed project location boundary
1	Areas protected under international conventions, national or local legislation for their ecological, landscape, cultural or other related value	Yes	None within 15 Kms Radius <ul style="list-style-type: none"> • Ankasamudra Bird Sanctuary - 18.50 Km (SE) • Tungabhadra Otter Conservation Reserve – 21Km, E • Daroji Bear Sanctuary – 40.82Km, (E) • Kappathgudda Wildlife Sanctuary – 40.89 Km (W)
2	Areas which are important or sensitive for ecological reasons - Wetlands, watercourses or other water bodies, coastal zone, biospheres, mountains, forests	Yes	Rivers <ol style="list-style-type: none"> 1. Hirehalla River-2.92 Km (SW) 2. Tungabhadra Reservoir – 4.24 Km (SE) 3. Hullikere Lake- 6.17 Km (NE)
3	Areas used by protected, important or sensitive species of flora or fauna for breeding, nesting, foraging, resting, over wintering, migration	None	None within 15 Kms Radius
4	Inland, coastal, marine or underground waters	None	Not Applicable
5	State, National boundaries	None	Not Applicable
6	Routes or facilities used by the public for access to recreation or other tourist, pilgrim areas	Yes	<ul style="list-style-type: none"> • SH-23 (Hiresindagi – Koppal) passing at 3.75 Km in Northwest direction. • SH-129 (Hiresindagi – Belur) passing at 4.02 Km in west direction. • NH-367(Koppal-Kushtagi) passing at 6.87 Km in North direction. • NH-67(Koppal-Kanakapur) passing at 7.74 Km in North

			direction.
7	Defense installations	No	None within 15 Kms Radius
8	Densely populated or built-up area	Yes	<ul style="list-style-type: none"> • Hiresindogi -4.87 Km (NW) • Koppal-5.82 Km (NE) • Kaatarki-6.36 Km (SW)
9	Areas occupied by sensitive man-made land uses (<i>hospitals, schools, places of worship, community facilities</i>)	Yes	<p><u>Hospitals</u></p> <ul style="list-style-type: none"> • Primary Health Center (PHC) Hosa Gondabala – 1.02Km, • Government hospital, Hiresingodi – 4.71Km, NW • Khushi Multispecialty Hospital Koppal – 8.02Km, NE • Veterinary Hospital Koppal – 7.85Km, NE <p><u>Schools</u></p> <ul style="list-style-type: none"> • Kendriya Vidyalaya Koppal – 3.59Km, NE • Nrupathung High school Bisarahalli – 6.24Km, W • Shri Gavisiddheshwar Arts, Science and Commerce College – 7.09Km, NE <p><u>Nearest Religious Places</u></p> <ul style="list-style-type: none"> • Maruteshwara Temple Gondabal – 900 mt, W • Christa jothi E.C.I Church Koppal – 8.16Km, NE
10	Areas containing important, high quality or scarce resources (<i>Ground water resources, surface resources, forestry, agriculture, fisheries, tourism, minerals</i>)	Nil	Nil
11	Areas already subjected to pollution or environmental damage. (<i>those where existing legal environmental standards are exceeded</i>)	No	Not Applicable
12	Areas susceptible to natural hazard which could cause the project to present environmental problems (<i>earthquakes, subsidence, landslides, erosion, flooding or extreme or adverse climatic conditions</i>)	No	Not Applicable

Proposed Terms of Reference: Attached as Annexure

"I hereby undertaking that the data and information given in the application and enclosures are true to the best of my knowledge and belief and I am aware that if any part of the data and information submitted is found to be false or misleading at any stage, the project will be rejected and clearance given, if any to the projects will be revoked at our risk and cost".

Date:

Place: Koppal

For M/s. UKEM Agre Infra Ltd.,
Mr. Veerendra Basavaraj Koujalagi
Chairman



Signature of the applicant
With Name and Full address
(Project Proponent/Authorized Signatory)