

FORM 1

(I) Basic Information

Serial Number	Item	Details
1.	Name of the project/s	IDEAL UNIQUE RESIDENCY
2.	S. No. in the schedule	8(a)
3.	Proposed capacity/area/length/ tonnage to be handled/command area/lease area/number of wells to be drilled	Building and construction project of total built up area of 20,871.58 sqm on a land area of 6,081.19 sqm. Proposed Ground Coverage : 2,137.27 sqm (35.15%)
4.	New/Expansion/Modernization	New Project; The project was originally conceptualized with a Built-up Area (BUA) of 19,101.98 sqm, which was duly sanctioned by KMC and construction activities commenced thereafter. The project has since been structured and designed to allow for an additional FAR of 10%, resulting in a total BUA in excess of 20,000 sqm [Refer Serial No. 3 of Item(I)], thus attracting the provisions of Environmental Appraisal as per MoEF Notification of 14.09.2006.
5.	Existing Capacity/Area etc.	N.A
6.	Category of Project i.e. 'A' or 'B'	B ($\geq 20,000$ sqm and $< 1,50,000$ sqm of built up area)
7.	Does it attract the general condition? If yes, please specify.	No
8.	Does it attract the specific condition? If yes, please specify.	No
9.	Location	162 Shri Arabinda Sarani, Ward No. 11, Borough II, Kolkata 700 006.
	Plot/Survey/Khasra No.	-
	Village	-
	Tehsil	
	District	Kolkata
	State	West Bengal
10.	Nearest railway station/airport along with distance in kms.	Nearest Railway Station – Ultadanga (2.18 km)
		Nearest Airport – Netaji Subhas Chandra Bose International Airport, Kolkata (10.53 km)
11.	Nearest Town, City, District Headquarters along with distance in kms.	The project site is located within the city of Kolkata. Nearest District Headquarter – Kolkata (1.74 km)

Note : 'NA' implies 'Not Applicable'

Serial Number	Item	Details
12.	Village Panchayats, Zilla Parishad, Municipal Corporation, Local body (complete postal addresses with telephone nos to be given)	Kolkata Municipal Corporation 5 S N Banerjee Road Kolkata 700 013.
13.	Name of the applicant	Ideal Unique Realtors Pvt Ltd
14.	Registered Address	50 J L Nehru Road (11 th floor), Kolkata 700 071.
15.	Address for correspondence	
	Name	S K Himmatsingka
	Designation (Owner/Partner/CEO)	Director
	Address	50 J L Nehru Road (11 th floor), Kolkata 700 071.
	Pin Code	700 071
	E-mail	bhaskar.sengupta@ideal.in
	Telephone No.	(033) 2282 1548 / 0513
	Fax No.	(033) 2282 1564
16.	Details of Alternative Sites examined, if any. Location of these sites should be shown on a topo sheet	Village-District-State : N.A 1. 2. 3.
17.	Interlinked Projects	N.A
18.	Whether separate application of interlinked project has been submitted?	N.A
19.	If yes, date of submission	N.A
20.	If no, reason	N.A
21.	Whether the proposal involves approval/clearance under : if yes, details of same and their status to be given	N.A
	a) The Forest (Conservation) Act, 1980?	–
	b) The Wildlife (Protection) Act, 1972?	–
	c) The C.R.Z Notification, 1991?	–
22.	Whether there is any Government Order/Policy relevant/relating to the site?	N.A
23.	Forest land involved (hectares)	N.A
24.	Whether there is any litigation pending against the project and/or land in which the project is propose to be set up?	No
	a) Name of the Court	–
	b) Case No.	–

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Serial Number	Item	Details
	c) Orders/directions of the Court, if any and its relevance with the proposed project.	–

(II) **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
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	The project area is dedicated for residential purpose Total land area : 6,081.19 sqm
1.2	Clearance of existing land, vegetation and buildings?	Yes	The proposed project area is predominantly barren piece of land.
1.3	Creation of new land uses?	Yes	-
1.4	Pre-construction investigations e.g. bore holes, soil testing?	Yes	-
1.5	Construction works?	Yes	-
1.6	Demolition works?	Yes	-
1.7	Temporary sites used for construction works or housing of construction workers?	Yes	Temporary residential arrangements with adequate number of decentralized latrines and urinals for construction workers would be provided within the project site during construction period. Supporting infrastructure like temporary vehicle shade, first aid centre, temporary structure for storage of raw materials will be built within the project site. About 200 nos of construction workers will work during peak construction period.
1.8	Above ground buildings, structures or earthworks including linear structures, cut and fill or excavations	Yes	The facility would involve all these components. 19,740 cum of earth work will be generated which will be reused for land filling.
1.9	Underground works including mining or tunneling?	No	N.A

Note : 'NA' implies 'Not Applicable'

Sl. No	Information/Checklist Confirmation	Yes/No	Details thereof (with approximate quantities/rates, wherever possible) with source of information data
1.10	Reclamation works?	No	N.A
1.11	Dredging ?	No	N.A
1.12	Offshore structure	No	N.A
1.13	Production and manufacturing processes?	No	N.A
1.14	Facilities for storage of goods or materials	Yes	Cement, reinforcement etc will be stored in covered area; sand and stone chips will be stored in open places within the project area.
1.15	Facilities for treatment or disposal of solid waste or liquid effluents?	Yes	<p>Garbage will be segregated at sources for biodegradable recyclable and materials during construction phase and disposed as per MSW (M&H) Rules 2000, within the premises through vermiculture pits. Solid waste generated from residential unit floating service men & club house forms 357 kg/day in total as per Annexure-5. The biodegradable matter would be mechanically composted within the site and the non-biodegradable waste would be disposed through KMC.</p> <p>The wastewater from residential blocks will be collected through a well designed sewer network leading to the STP. The STP will be based on FAB Technology followed by tertiary treatment.</p> <p>Total wastewater recycled : 41.27 KLD Landscaping : 6.65 KLD Car Washing : 3.5 KLD Road washing : 1.32KLD Flushing : 29.8 KLD</p> <p>Treated Waste Water discharge to Municipal Drain : 26.67 KLD</p> <p>During construction phase, wastewater originating from labour huts (about 80 KLD / day) will be discharged to drain through septic tank by temporary sewer connection to municipal drain</p>

Note : 'NA' implies 'Not Applicable'

Sl. No	Information/Checklist Confirmation	Yes/No	Details thereof (with approximate quantities/rates, wherever possible) with source of information data
1.16	Facilities for long term housing of operational workers?	No	There will be no long term housing facility for operation workers only few security personnel will stay.
1.17	New road, rail or sea traffic during construction or operation?	Yes	Construction of internal roads within the complex.
1.18	New road, rail, air waterborne or other transport infrastructure including new or altered routes and stations, ports, airports etc?	Yes	Construction of Internal roads within the complex.
1.19	Closure or diversion of existing transport routes or infrastructure leading to changes in traffic movements?	No	-
1.20	New or diverted transmission lines or pipelines?	No	-
1.21	Impoundment, damming, culverting, realignment or other changes to the hydrology of watercourses or aquifers?	No	-
1.22	Stream crossings?	No	-
1.23	Abstraction or transfers of water from ground or surface waters?	Yes	Water will be supplied by KMC.
1.24	Changes in water bodies or the land surface affecting drainage or run-off?	No	-
1.25	Transport of personnel or materials for construction, operation or decommissioning?	Yes	The vehicle to be used for transportation of materials will have a valid Pollution Under Control Certificate (PUC). Overhaul truck will be cleaned before leaving the site. Speed of the vehicle will be maintained 10-15 km/hr. The overhaul truck used for carrying raw material will be covered with tarpauline to minimize the loss through spillage. Most of the personnel associated with the project will use public transportation system.
1.26	Long-term dismantling or decommissioning or restoration works?	No	N.A
1.27	Ongoing activity during decommissioning which could have an impact on the environment?	No	N.A

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Sl. No	Information/Checklist Confirmation	Yes/No	Details thereof (with approximate quantities/rates, wherever possible) with source of information data
1.28	Influx of people to an area in either temporarily or permanently?	Yes	Construction workers of around 200 person will be engaged during construction phase and total population will be 580 Nos (fixed) and 60 Nos (floating,)
1.29	Introduction of alien species?	No	-
1.30	Loss of native species or genetic diversity?	No	The project site is barren piece of land. There is no chance of any loss of native or generic density.
1.31	Any other actions?	No	<ul style="list-style-type: none"> • Raw materials will not be dumped around the public roadside. • Maintaining hoists and lifts, lifting machines, chains, ropes and other lifting tackles in good condition. • Ensuring that walking surfaces or boards at height are of sound construction and are provided with safety rails or belts. • Provide protective equipment; helmets etc. • Fire extinguishers and buckets of sand to be provided in the fire-prone area and elsewhere. • Adequate emergency first aid system will be provided at project site.
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) :		
Sl. 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 project area is dedicated for Residential complex. Total land area = 6,081.19 sqm. Project area is predominantly piece of barren land.
2.2	Water (expected source & competing users) unit: KLD	Yes	Total water demand of the project is 100.87 KLD which is met through 59.6 KLD of fresh water from KMC supply and the rest 41.27 KLD is met through treated recycled water.

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Sl. No	Information/checklist confirmation	Yes/No	Details thereof (with approximate quantities/rates, wherever possible) with source of information data
2.3	Minerals (MT)	No	N.A
2.4	Construction material – stone, aggregates, sand / soil (expected source – MT)	Yes	Bricks Cement Sand Stone chips
2.5	Forests and timber (source – MT)	No	Use of timber shall be as minimum as possible. However, the required quantity will be procured only from the vendor authorized by the competent authority.
2.6	Energy including electricity and fuels (source, competing users) Unit: fuel (MT), energy (MW)	Yes	Electricity will be supplied by CESC. The demand load will be about 720.67 KW. 3 Nos DG Set of 315 KVA will be installed.
2.7	Any other natural resources (use appropriate standard units)	No	LPG/PNG/HSD would be used for cooking purpose etc.
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)	No	The construction materials to be handled, stored and used are mostly of non hazardous type. The hazardous waste are mainly composed of oil, grease, water proofing compounds, paints, wood dust from treated wood, discarded lube oil etc. Special care will be taken to prevent spillage or mixing of the hazardous waste with non-hazardous waste. Discarded lube oil will be stored in HDPE container as per Hazardous waste (Management, Handling and Transboundary Movement) Rules, 2008 and its subsequent amendments and finally sold to the authorized vendors.
3.2	Changes in occurrence of disease or affect disease vectors (e.g. insect or water borne diseases)	No	During construction phase disinfectant will be used as and where necessary to control insects. No such changes will take place which would create breeding ground for water borne pathogens or insects.

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Sl. No	Information/checklist confirmation	Yes/No	Details thereof (with approximate quantities/rates, wherever possible) with source of information data
3.3	Affect the welfare of people e.g. by changing living conditions?	Yes	Some local people will get jobs during the construction phase and for regular operation and maintenance of the proposed project. The project will generate job opportunities in both direct and indirect sectors. The proposed project will have a long term positive impact on the socio-economic environment of the area.
3.4	Vulnerable groups of people who could be affected by the project e.g. hospital patients, children, the elderly etc.	No	N.A
3.5	Any other causes	No	N.A
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	Spoil, overburden or mine wastes	No	N.A
4.2	Municipal waste (domestic and or commercial wastes)	Yes	30 kg/day during construction phase and 357 kg/day domestic solid waste (garbage) during operation phase will be generated.
4.3	Hazardous wastes as per Hazardous Waste Management Rules)	Yes	The construction material to be handled, stored & used are mostly of non-hazardous type. The hazardous waste will mainly comprise of oil, grease, water proofing compounds, paints, wood dust from treated wood discarded lub oil etc. Special care will be taken to prevent spillage so that the hazardous solid waste will not be mixed with non-hazardous waste. Hazardous solid waste stored in HDPE container as per Hazardous Waste (Management Handling & Transboundary Movement) Rules, 2008 & its subsequent amendments & finally sold to authorized vendors.
4.4	Other industrial process wastes	No	N.A
4.5	Surplus Product	No	N.A

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Sl. No	Information/checklist confirmation	Yes/No	Details thereof (with approximate quantities/rates, wherever possible) with source of information data
4.6	Sewage sludge or other sludge from effluent treatment	No	-
4.7	Construction or demolition wastes	Yes	Solid waste originating from construction activities will be 30 kg/day. Construction waste will be used in the site and road preparation work.
4.8	Redundant machinery or equipment	No	N.A
4.9	Contaminated soils or other materials	No	Hazardous waste originating from centering oil, grease, water proofing compounds, paints, wood dust from treated wood, discarded lube oil etc will be stored in HDPE container to prevent soil contamination.
4.10	Agricultural wastes	No	Packing materials, hard board, etc will be segregated and solid to the vendors.
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	Use of low sulphur contained ultra pure diesel reduces SO ₂ , NO _x & PM emission from the DG Set 3 Nos. 315 KVA will be installed for backup power. The emission from DG sets will be discharged through stack of height 3.0 meters for 720.67 KVA above the roof of the building.
5.2	Emissions from production processes	No	N.A
5.3	Emissions from materials handling including storage or transport	Yes	The site will be enclosed by a wall of about 15-20 feet height. Fugitive dust generated during material handling will be controlled by use of water sprinklers.
5.4	Emissions from construction activities including plant and equipment	Yes	Fugitive emission due to cement & sand handling will occur & would be maintained within norms.

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Sl. No	Information/checklist confirmation	Yes/No	Details thereof (with approximate quantities/rates, wherever possible) with source of information data
5.5	Dust or odours from handling of materials including construction materials, sewage and waste	Yes	Fugitive dust will be generated from the material handling areas. Water sprinkling arrangement will be made to minimize the dust generation. Sewage (construction phase) will be treated in a septic tank and discharged to KMC Drain.
5.6	Emissions from incineration of waste	No	N.A
5.7	Emissions from burning of waste in open air (e.g. slash materials, construction debris)	No	N.A
5.8	Emissions from any other sources	No	N.A
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
6.1	From operation of equipment e.g. engines, ventilation plant, crushers	No	Negligible, within norms.
6.2	From industrial or similar processes	No	N.A
6.3	From construction or demolition	Yes	The Sound Pressure Levels (SPL) from heavy construction machineries and equipments would vary between 85-100 dB(A) at source. This will not cause any disturbance to the neighbouring areas.
6.4	From blasting or piling	Yes	Noise and vibration from piling activities.
6.5	From construction or operational traffic	Yes	During construction phase it will be ensured that vehicles have valid Pollution Under Control Certificate.
6.6	From lighting or cooling systems	No	N.A
6.7	From any other sources	No	N.A

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7.	Risks of contamination of land or water from releases of pollutants into the ground or into sewers, surface water, 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.	No	The construction materials to be handled, stored and used are mostly non hazardous types. The hazardous waste mainly comprise of oil, grease, water proofing compounds, paints, wood dust from treated wood, discarded lube oil etc. Special care will be taken to prevent spillage and health hazard. Discarded lube oil will be stored in HDPE container as per Hazardous Waste (Management, Handling and Transboundary movement) Rules, 2008 and its subsequent amendments and finally sold to the authorized vendors.
7.2	From discharge of sewage or other effluents to water or the land (expected mode and place of discharge)	No	The waste water from residential blocks will be collected through a well designed sewer network leading to STP. The STP will be based on FAB Technology followed by tertiary treatment Total wastewater recycled – 41.27 Landscaping : 6.65 KLD Car Washing : 3.5 KLD Road Washing : 1.32KLD Flushing – 29.8 KLD Treated Waste Water discharge to Municipal Drain : 26.67 KLD
7.3	By deposition of pollutants emitted to air into the land or into water	No	No tangible pollutants will be emitted to air which may cause dry/wet deposition on the land or water.
7.4	From any other sources	No	N.A
7.5	Is there a risk of long term build up of pollutants in the environment from these sources?	No	N.A

8	Risk of accidents during construction or operation of the project, which could affect human health or 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	-
8.2	From any other causes	No	-
8.3	Could the project be affected by natural disasters causing environmental damage (e.g. floods, earthquakes, landslides, cloudburst etc)?	Yes	During design all precaution for disaster management will be considered as per NBC, IS Codes and other statutory norms.
9.1	<p>Lead to development of supporting facilities, ancillary development or development stimulated by the project which could have impact on the environment e.g.:</p> <ul style="list-style-type: none"> • Supporting infrastructure (roads, power supply, waste or waste water treatment, etc.) • housing development • extractive industries • supply industries • other 	No	<p>The internal road will be constructed by the project authority.</p> <p>The electricity will be supplied by CESC</p> <p>Solid waste originating from construction activities will be 30 kg/day. Construction waste will be used in the site and road preparation work.</p> <p>The wastewater from residential block will be collected through a well designed sewer network leading to STP. The STP will be based on FAB Technology followed by tertiary treatment.</p> <p>Recycled Wastewater : 41.27 KLD. Treated Waste Water discharge to Municipal Drain : 26.67KLD.</p>
9.2	Lead to after-use of the site, which could have an impact on the environment	No	N.A
9.3	Set a precedent for later developments	No	N.A
9.4	Have cumulative effects due to proximity to other existing or planned projects with similar effects	No	N.A

Note : 'NA' implies '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	East Kolkata Wetlands	5.89 km
2	Areas which are important or sensitive for ecological reasons - Wetlands, watercourses or other water bodies, coastal zone, biospheres, mountains, forests	East Kolkata Wetlands	5.89 km
3	Areas used by protected, important or sensitive species of flora or fauna for breeding, nesting, foraging, resting, over wintering, migration	No	-
4	Inland, coastal, marine or underground waters	Hooghly River	2.81 km
5	State, National boundaries	No	-
6	Routes or facilities used by the public for access to recreation or other tourist, pilgrim areas	NH-34	7.07 km
7	Defence installations	No	-
8	Densely populated or built-up area	Maniktala	The project is located in Maniktala.
9	Areas occupied by sensitive man-made land uses (<i>hospitals, schools, places of worship, community facilities</i>)	Hospitals, Schools, Places of Worship, Community facilities	In surrounding areas.
10	Areas containing important, high quality or scarce resources (<i>ground water resources, surface resources, forestry, agriculture, fisheries, tourism, minerals</i>)	No	-
11	Areas already subjected to pollution or environmental damage. (<i>those where existing legal environmental standards are exceeded</i>)	No	-

Note : 'NA' implies 'Not Applicable'

S.No	Areas	Name/ Identity	Aerial distance (within 15 km) Proposed Project location boundary
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	-
(IV).	Proposed Terms of Reference for EIA studies :		A separate EIA Study is not proposed to be conducted, hence no Terms of Reference is proposed.

I hereby given 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 give, if any to the project will be revoked at our risk and cost.

Date : _____

Place : _____

Signature of the applicant

With Name and Full Address

(Project Proponent / Authorised Signature)

Note:

1. The projects involving clearance under Coastal Regulation Zone Notification, 1991 shall submit with the application a C.R.Z map duly demarcated by one of the authorized agencies, showing the project activities, w.r.t. C.R.Z (at the stage of TOR) and the recommendations of the State Coastal Zone Management Authority (at the stage of EC). Simultaneous action shall also be taken to obtain the requisite clearance under the provisions of the C.R.Z Notification, 1991 for the activities to be located in the CRZ.
2. The projects to be located within 10 km of the National Parks, Sanctuaries, Biosphere Reserves, Migratory Corridors of Wild Animals, the project proponent shall submit the map duly authenticated by Chief Wildlife Warden showing these features vis-à-vis the project location and the recommendations or comments of the Chief Wildlife Warden thereon (at the stage of EC).
3. All correspondence with the Ministry of Environment & Forests including submission of application for TOR/Environmental Clearance, subsequent clarifications, as may be required from time to time, participation in the EAC Meeting on behalf of the project proponent shall be made by the authorized signatory only. The authorized signatory should also submit a document in support of his claim of being an authorized signatory for the specific project.

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