

Form-1**APPLICATION FOR PRIOR ENVIRONMENTAL CLEARANCE****1. Basic Informations**

Project Name	Affordable Housing Complex	Company/Organisation Name	IABA HOUSING PVT. LTD.
Registered Address	5 Gorky Terrace, 2nd Floor P.O. & P.S. - Shakespeare Sarani, Kolkata West Bengal 700017	Legal Status of the Company	Private

2.	Address for the correspondence:	
	(a)Name of the Applicant (b)Designation (Owner/ Partner/ CEO) (c)Address (d)Pin code (e)E-mail (f)Telephone No. (g)Fax No. Copy of documents in support of the competence/authority of the person making this application to make application on behalf of the User Agency .	Sandeep Sharma CEO 5 Gorky Terrace, 2nd Floor,Kolkata,West Bengal-700017 700017 iabahousing21@gmail.com 0- NIL


3.	Category of the Project/Activity as per Schedule of EIA Notification,2006:	
	(a)Major Project/Activity (b)Minor Project/Activity (c)Category (d)Proposal Number (e)Master Proposal Number(Single Window) (f)EAC concerned (for category A Projects only) (g)Project Type(New/Expansion/Modernization)	8(a) Building and Construction projects NIL B2 SIA/WB/MIS/248976/2021 SW/248974/2021 INFRA-2 Fresh EC

4.	(a)Number of States in which Project will be Executed	1
	(b)Main State of the project	West Bengal

Details of State(s) of the project				
S. No.	State Name	District Name	Tehsil Name	Village Name
(1.)	West Bengal	Paschim bardhaman	Durgapur	Andal

5.	Details of Public Consultation:	
	(a)Whether the Project Exempted from Public Hearing? (c)Reason (d)Supporting Document	Yes -1 NIL

Project Profile

Location of the project	Andal, Near Durgapur		
Town / Village (Name of more than one town may be entered by separating with)	Mouza – Dakshinkhanda, P.S – Andal	Plot/Survey/Khasra No. (Name of more than one town may be entered by separating with)	L.R. Plot No.- 5650 (P), 5708 (P), 5710 (P), 5711 (P), 5712 (P), 5713 (P), 5714 (P), 5716 (P), 5718 (P), 5719 (P), 5720, 5721 (P), 5722 (P), 5723 (P),
State	West Bengal	District	Paschim bardhaman
Tehshil	Durgapur	Pincode	713321
Nearest railway station	Andal Railway Station	Distance from the project site	5
Nearest airport	Kazi Nazrul Islam Airport	Distance from the project site	2
Nearest Town/City/District Headquarters	Durgapur City	Distance from the project site	13
Village Panchayats, Zila Parishad, Municipal Corporation, Local body(Complete postal addresses with telephone nos. to be given)	Golden City Industrial Township Authority (GCITA)	Upload GPS file	Copy of Kml File  Uploaded GPS file
Shape of the project land	Block (Polygon)	Site alternative under consideration(If any)	Uploaded Site alternative under consideration
Brief summary of project	Uploaded Brief summary of project		
Does your project location falls under out of any following areas	None of above Areas		
Proposed Built up area (Built up area or covered area on all the floors puttogether including its basement and other service areas which are proposed in the building or construction projects) (In Meter /Sqr)	109987.324	Existing Built Up Area(In Meter /Sqr)	0
Does it attract any of the general conditions given below?	No		
Does it attract the specific condition given below?	No		
Interlinked Projects	No		
Whether separate application of interlinked projects has been submitted?		Date of Submission	
Whether the proposal involves approval/clearance under the Forest (Conservation) Act,1980?	No		
Whether the proposal involves approval/clearance under the wildlife (Protection) Act,1972?	No		
Whether the proposal involves approval/clearance under	No		

the C.R.Z notification,2011?			
Whether there is any Government Order/Policy relevant/relating to the site?	No		
Forest land involved(hectares)	0		
Is there any litigation pending against the project?	No		

Activity

- 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.)**

S.No	Information/Checklist confirmation	Yes/No	Details there of (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)	No	The project area is dedicated for affordable housing complex. Total land area is 45296.112 sqm.
1.2	Clearance of existing land, vegetation and buildings?	No	There are no existing trees within the project site.
1.3	Creation of new land uses?	No	
1.4	Pre-construction investigations e.g. bore houses, soil testing?	Yes	Soil testing has been already done.
1.5	Construction works?	Yes	Residential Towers: Tower 1A- S + 13 Tower 2A, 2B & 2C- S + 13 Tower 3A 3B - S + 13 Tower 4A, 4B, 4C, 4D & 4E- S + 13 Tower 5 A - S + 13 Commercial Community Facility - G + 1 storied Viewing Gallery between Tower 1A and 2B
1.6	Demolition works?	No	
1.7	Temporary sites used for construction works or housing of construction workers?	Yes	Temporary labour hut for the workers will be constructed outside the complex with all sanitary facilities and drinking water after getting all statutory approvals. Total 888 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 and fill or excavations	Yes	The land is flat land. Cutting and filling operation required only for foundation work.
1.9	Underground works including mining or tunneling?	Yes	Under ground water Reservoir for Domestic Use, Under Ground Reservoir for Fire Fighting, recycled UGR & rain water harvesting UGR will be made.
1.10	Reclamation works?	No	
1.11	Dredging?	No	

1.12	Offshore structures?	No	
1.13	Production and manufacturing processes?	No	
1.14	Facilities for storage of goods or materials?	Yes	Cement, reinforcement (steel) 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	Garbage will be treated at source for biodegradable, recyclables and inert material during construction (177.6 kg/day) (888 persons @ 0.2 kg/day) and operational phases (2600 kg/day). ii) Daily water demand of the project during operation phase will be 735 KLD. Out of the total water demand 524 KLD will be fresh water demand and rest 211 KLD will be recycled from treated waste water. RECYCLED: 211 KLD (Flushing: 127 KLD, Landscaping: 54 KLD & Car Washing: 30 KLD). The excess treated wastewa
1.16	Facilities for long term housing of operational workers?	No	Long term housing for operational workers will not be required.
1.17	New road, rail or sea traffic during construction or operation?	No	
1.18	New road, rail, air water borne or other transport infrastructure including new or altered routes and stations, ports, airports etc?	No	
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?	No	Fresh water required during operational phases will be 524 KLD (Total water demand 735 KLD). Water required for the proposed project will be supplied by BAPL
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 (PUC) certificate. Overhaul truck will be cleaned before leaving the site. Speed of the vehicle will be maintained at 10-15 km/hr. The overhaul trucks to be used for carrying the raw materials will be covered with tarpaulin 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	
1.27	Ongoing activity during decommissioning which could have an impact on the environment?	No	

1.28	Influx of people to an area in either temporarily or permanently?	Yes	Population of around 888 persons will be engaged during construction phase and 6136 persons (Fixed – 5468, floating – 613, Service - 55) will occupy the complex during operation phase.
1.29	Introduction of alien species?	No	
1.30	Loss of native species or genetic diversity?	No	As the project site is already developed, so there is no question of any loss of native or genetic diversity.
1.31	Any other actions?	Yes	<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

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)	No	The project area is dedicated for affordable housing complex development. Total land area is 45296.112 sqm.
2.2	Water (expected source & competing users) unit: KLD	Yes	TOTAL WATER REQUIREMENT 735 KLD Total Wastewater Generation (80% of Sub-Total1 + Car Washing) 538 KLD Total Wastewater discharge 327 KLD Total Recycling 211 KLD Landscaping 54 KLD Flushing 127 KLD Car Washing 30 KLD Fresh Water Requirement 524 KLD
2.3	Minerals (MT)	No	
2.4	Construction material – stone, aggregates, sand / soil (expected source – MT)	Yes	Material Quantity Source Brick 9201756 pcs Local Brick field Cement 18589 MT Reputed manufacturer Stone Chips 1367871 cft Pakur Sand 2051806 cft Birbhum
2.5	Forests and timber (source – MT)	Yes	Use of timber shall be as less 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 IPCL. The electrical load will be about 2750

			KVA. DG sets – 4 nos. 500 KVA are proposed. The emission from DG sets will be discharged through a 4.5 m stack for each 500 KVA DG set above the roof of the building. Fuel required for DG sets will be about 320 litre/hr.
2.7	Any other natural resources (use appropriate standard units)	No	

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

S.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	The construction materials to be handled, stored and used are mostly of non-hazardous type. The hazardous waste are mainly of centering 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 2016 and its subsequent a
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 when necessary to control insects. No such changes will take place which would create breeding ground for water borne pathogens or insects.
3.3	Affect the welfare of people e.g. by changing living conditions?	Yes	Some local people will get job 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 sector. 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	
3.5	Any other causes	No	

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

S.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	
4.2	Municipal waste (domestic and or commercial wastes)	Yes	During Construction and operation phases about 177.6 kg/day and 2600 kg/day respectively domestic solid waste (garbage) will be generated.
4.3	Hazardous wastes (as per Hazardous Waste Management Rules)	Yes	The construction materials to be handled, stored and used are mostly of non-hazardous type. The hazardous waste will mainly be of centering oil, grease, water proofing compounds, paints, wood dust from treated wood, discarded lube 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 will be stored in HDPE container as per Hazardous Waste (Management, Handling and Transboundary Movement) Rules 2
4.4	Other industrial process wastes	No	
4.5	Surplus product	No	
4.6	Sewage sludge or other sludge from effluent treatment	Yes	Sewage generated from the proposed project will be conveyed to the common STPs (2 in number) within township for treatment.
4.7	Construction or demolition wastes	Yes	Solid waste generated from construction activities will be 1259 MT. Other construction waste will be used in the site and road preparation work. These wastes do not contain any asbestos or hazardous material.
4.8	Redundant machinery or equipment	No	
4.9	Contaminated soils or other materials	Yes	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	
4.11	Other solid wastes	Yes	Packing materials, hard board, etc. will be segregated and sold to the vendors.

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

S.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	The emission from DG sets (4 nos. 500 KVA) will be discharged through stack of 4.5 m for each 500 KVA DG set above the roof of the D.G. buildings. Fuel (diesel) required for DG sets will be around 320 litre/hr.

			The emission from DG sets will be maintained as per the norms of CPCB given below: PM < 0.3 G/kw-hr CO < 3.5 G/kw-hr HC < 1.3 G/kw-hr NO2 < 9.2 G/kw-hr (ii) The vehicle to be used for transportation of materials must have a valid Pollution Under Control (PUC) certificate.
5.2	Emissions from production processes	No	
5.3	Emissions from materials handling including storage or transport	Yes	The site will be enclosed by a wall of about 8 feet height. Fugitive dust generated during material handling will be controlled by use of water sprinkler.
5.4	Emissions from construction activities including plant and equipment	Yes	Fugitive emission happens due to cement and sand handling but it will be maintained within norms.
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 done to minimise the dust generation. Wastewater generated will be diverted to the main STP. There will be no STP within this project area.
5.6	Emissions from incineration of waste	No	
5.7	Emissions from burning of waste in open air (e.g. slash materials, construction debris)	No	
5.8	Emissions from any other sources	No	

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

S.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	Yes	Mainly during construction phase. The generation will be kept within norms.
6.2	From industrial or similar processes	No	
6.3	From construction or demolition	Yes	Equipment used for demolition and construction work generates noise but this will not cause any disturbance to the neighbouring areas.
6.4	From blasting or piling	Yes	Noise and vibration from piling activities will be within norms.
6.5	From construction or operational traffic	Yes	During construction phase it will be ensured that vehicles must have valid Pollution Under Control (PUC) certificate for transportation of construction materials. The vehicles carrying construction materials will ply during non - peak hours. During operational phase the vehicles to be used by the residents will have PUC

			certificate. Traffic movement will be controlled by the security inside the premises and the average speed will be maintained at 10-15 km/hr.
6.6	From lighting or cooling systems	No	
6.7	From any other sources	No	

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:

S.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	The construction materials to be handled, stored and used are mostly non-hazardous types. The hazardous waste are mainly of centering 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 2016 and its subsequent amendments and finally sold to the authorize
7.2	From discharge of sewage or other effluents to water or the land (expected mode and place of discharge)	No	Total wastewater generation from the proposed project will be 538 KLD. Wastewater generated will be diverted to the main STP. There will be no STP within this project area. RECYCLED: 211 KLD (Flushing: 127 KLD, Landscaping: 54 KLD & Car Washing: 30 KLD). The excess treated wastewater that will be discharged to Bengal Aerotropolis Projects Limited (BAPL) drain in front of the project site – 327 KLD.
7.3	By deposition of pollutants emitted to air into the land or into water	No	Nothing mention worthy pollutants will be emitted to air, which may cause dry/wet deposition on the land or water.
7.4	From any other sources	No	
7.5	Is there a risk of long term build up of pollutants in the environment from these sources?	No	

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

S.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 precautions for disaster management will be considered as per NBC, IS codes and other statutory norms.

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 ◦ Other 	Yes	The electricity will be supplied by Indian Power Corporation Limited (IPCL). Solid waste originating from constructional activities will be 1259 MT. Total wastewater generation from the proposed project will be 538 KLD. Wastewater generated will be diverted to the main STP. There will be no STP within this project area. RECYCLED: 211 KLD The excess treated wastewater that will be discharged to BAPL drain in front of the project site-327 KLD.MSW generation in operational phases (2600 kg/day
9.2	Lead to after-use of the site, which could have an impact on the environment	No	
9.3	Set a precedent for later developments	Yes	It will lead to economical and social development of the surrounding area.
9.4	Have cumulative effects due to proximity to other existing or planned projects with similar effects	No	The area is a residential area with other similar projects surrounding the area.

(III) Environmental Sensitivity

S.No	Areas	Name/Identity	Aerial distance (within 15km.) Proposed project location boundary
1	Areas protected under international conventions, national or local legislation for their ecological, landscape, cultural or other related value	No	
2	Areas which are important or sensitive for ecological reasons - Wetlands, watercourses or other water bodies, coastal zone, biospheres, mountains, forests	Yes	Damodar River - 6 km
3	Areas used by protected, important or sensitive species of flora or fauna for breeding, nesting, foraging, resting, overwintering, migration	No	
4	Inland, coastal, marine or underground waters	No	

5	State, National boundaries	No	
6	Routes or facilities used by the public for access to recreation or other tourist, pilgrim areas	Yes	Ukhra Andal State Highway – 0.91 km NH 19 - Grand Trunk Road – 1.87 km
7	Defence installations	No	
8	Densely populated or built-up area	Yes	Andal – 4 km Durgapur City Centre -13 km
9	Areas occupied by sensitive man-made land uses (hospitals, schools, places of worship, community facilities)	Yes	DSP Main hospital – 8.78 km Anandalok hospital – 11.74 km Health world hospitals – 9.62 km Amrai High School – 4.46 km, Andal girls primary school – 4.37 km, Kendriya vidyalaya Andal – 4.50 km, Swami Vivekananda international school – 2.00 km, Durgapur Gov. College – 12.50 km, NIT Durgapur – 9.21 km, Dr. B C Roy Engineering College Durgapur – 13.65 km
10	Areas containing important, high quality or scarce resources. (ground water resources,surface resources,forestry,agriculture,fisheries,tourism,minerals)	No	
11	Areas already subjected to pollution or environmental damage. (those where existing legal environmental standards are exceeded)	No	
12	Areas susceptible to natural hazard which could cause the project to present environmental problems (earthquakes, subsidence, landslides, erosion, flooding or extreme or adverse climatic conditions) similar effects	No	

Document to be attached

1.	Upload a copy of PFR	<u>Uploaded a copy of PFR.</u>
2.	Upload a copy of EMP	<u>Uploaded a copy of EMP.</u>
3.	Upload Scanned copy of covering letter.	<u>Uploaded Scanned copy of covering letter..</u>
4.	Upload Additional attached if any(Single PDF)	<u>Uploaded Additional attached if any(Single PDF)..</u>
5.	Whether it is a violation case and application is being submitted under Notification No. S.O.804(E) dated 14.03.2017 ?	No

Essential Details Sought

S. No.	EDS Sought Date	EDS Sought	Letter
(1.)	24/01/2022	Please upload approved plantation plan.	
(2.)	02/02/2022	The correction have been made as per the instruction received	

Additional Details Sought

S. No.	ADS Sought Date	ADS Sought	Letter
(1.)	25/02/2022	Please submit all necessary documents as sought by SEAC during the 32nd meeting of the reconstituted SEAC held on	

		16.02.2022. Queries are mentioned in details in the Minutes of the 32nd reconstituted SEAC meeting.	
(2.)	11/04/2022	Document uploaded as sought.	EDS Letter

Undertaking

I hereby give undertaking that the data and information given in the application and enclosures are true to be best of my knowledge and belief. And I am aware that if any part of the data and information found to be false or misleading at any stage, the project will be rejected and clearance given, if any to the project will be revoked at our risk and cost. In addition to above, I hereby give undertaking that no activity/ construction/ expansion has since been taken up.

Name of Applicant	Sandeep Sharma
Designation	CEO
Name of Company (Applicant Name should not be given here)	IABA HOUSING PVT. LTD.
Address	5 Gorky Terrace, 2nd Floor