

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

Project Name	Housing Complex under Pradhan Mantri Awas Yojana (urban) [Package B]	Company/Organisation Name	ADITYAPUR MUNICIPAL CORPORATION
Registered Address	Mohalla- Kashidih Adityapur, Adityapur Jharkhand 832108	Legal Status of the Company	State Government

2.	<u>Address for the correspondence:</u>	
	(a)Name of the Applicant	Shashidhar Mandal
	(b)Designation (Owner/ Partner/ CEO)	MunicipalCommissioner
	(c)Address	c/o- Adityapur Municipal Corporation, Kalyanpuri, Near S Type Chowk,Adityapur,Gamharia,Seraikela Kharsawan,Jharkhand-832106
	(d)Pin code	832106
	(e)E-mail	adityapurmc2019@gmail.com
	(f)Telephone No.	2383768
	(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 .	
	NIL	

3.	<u>Category of the Project/Activity as per Schedule of EIA Notification,2006:</u>	
	(a)Major Project/Activity	8(a) Building and Construction projects
	(b)Minor Project/Activity	NIL
	(c)Category	B2
	(d)Proposal Number	SIA/JH/MIS/114543/2019
	(e)Master Proposal Number(Single Window)	SW/114542/2019
	(f)EAC concerned (for category A Projects only)	Infrastructure and Miscellaneous Projects + CRZ
	(g)Project Type(New/Expansion/Modernization)	Fresh EC

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

Details of State(s) of the project				
S. No.	State Name	District Name	Tehsil Name	Village Name
(1.)	Jharkhand	Seraikela Kharsawan	Gamharia	Kashidih

5.	<u>Details of Public Consultation:</u>
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(a)Whether the Project Exempted from Public Hearing?

Yes


(c)Reason

-1

(d)Supporting Document

[Copy of Supporting Document](#)

Project Profile

Location of the project	Adityapur		
Town / Village (Name of more than one town may be entered by separating with)	Kashidih	Plot/Survey/Khasra No. (Name of more than one town may be entered by separating with)	324, 326, 334,352, 358 & 354
State	Jharkhand	District	Seraikela Kharsawan
Tehshil	Gamharia	Pincode	832109
Nearest railway station	Tatanagar Railway Station	Distance from the project site	12
Nearest airport	Sonari Airport	Distance from the project site	7
Nearest Town/City/District Headquarters	Saraikella	Distance from the project site	25
Village Panchayats, Zila Parishad, Municipal Corporation, Local body(Complete postal addresses with telephone nos. to be given)	Adityapur Municipal Corporation	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)	73279	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	No		

approval/clearance under the wildlife (Protection) Act,1972?			
Whether the proposal involves approval/clearance under the C.R.Z notification,2011?	No		
Whether there is any Government Order/Policy relevent/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 proposed project site is a well developed and flat land. The project area is dedicated for Housing Complex. Total land area is 64579.74 sqm (15.96 acres).
1.2	Clearance of existing land, vegetation and buildings?	No	
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	2020 Dwelling units in 101 number of G+3 blocks Storied
1.6	Demolition works?	Yes	There are no existing structure within Project Site.
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 the construction workers will be provided. Total 595 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	This is a flat land. Cutting and filling operation required only for foundation & piling work. 2020 Dwelling units in 101 number of G+3 blocks Storied.
1.9	Underground works including mining or tunneling?	Yes	Underground reservoirs will be

			constructed.
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 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 (119 kg/day) (595 persons @ 0.2 kg/day) and operational phases (4566 kg/day). The total wastewater generated from this project during operational phase is around 997 KLD. TOTAL WATER REQUIREMENT 1372 Wastewater generation from the proposed project will be 997 KLD. The excess treated wastewater that will be discharged to Adityapur Municipal Corporation drain in front of the project site – 99
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?	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	Water will be provided by Adityapur Municipal Corporation.
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	Construction workers of around 595 persons will be engaged during construction phase and 8888 persons (permanent - 8080, temporary- 808) 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 proposed project site is a well developed and flat land. Total land area of the project is 64579.74 sqm (15.96 acres).
2.2	Water (expected source & competing users) unit: KLD	Yes	TOTAL WATER REQUIREMENT 1372 kld, Wastewater generation from the proposed project will be 997 KLD. The excess treated wastewater that will be discharged to Adityapur Municipal Corporation drain in front of the project site – 997 KLD.
2.3	Minerals (MT)	No	
2.4	Construction material – stone, aggregates, sand / soil (expected source – MT)	Yes	Material Quantity Source Bricks 6045518 PCs. Brick field Cement 9618 Ton From reputed manufacturer Sand 970580 CFT

			From reputed manufacturer Stone chips 647054 CFT From reputed manufacturer
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 Jharkhand Bijili Vitran Nigam Ltd (JBVNL). The electrical load will be about 7635 KVA (6108 KW).
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 Trans boundary 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 of the project. Some manpower will be required 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	119 kg/day during construction phase and 4566 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 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 Trans boundary Movement) Rules
4.4	Other industrial process wastes	No	
4.5	Surplus product	No	
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 639 MT. Construction waste will be used in the site and road preparation work.
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	Yes	The vehicle to be used for

	mobile sources		transportation of materials will 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 15 - 20 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 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 made to minimize the dust generation. Sewage (construction phase) will be stored in a septic tank and finally discharged to Adityapur Municipal Corporation drain.
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 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 neighboring 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	Wastewater generation from the proposed project will be 997 KLD. The excess treated wastewater that will be discharged to Adityapur Municipal Corporation drain in front of the project site – 997 KLD.
7.3	By deposition of pollutants emitted to air into the land or into water	Yes	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.
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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 internal road will be constructed by the project authority. The electricity will be supplied by Jharkhand Bijili Vitran Nigam Ltd (JBVNL). Solid waste originating from constructional activities will be 639 MT. Wastewater generation from the proposed project will be 997 KLD. The excess treated wastewater that will be discharged to Adityapur Municipal Corporation drain in front of the project site – 997 KLD. Garbage will be treated at source for biodegradable, recyclables and inert material during
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	No	
9.4	Have cumulative effects due to proximity to other existing or planned projects with similar effects	No	Many building construction projects exist in close vicinity of the proposed project.

(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	No	
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	Yes	Adjacent to the project

	recreation or other tourist, pilgrim areas		
7	Defence installations	No	
8	Densely populated or built-up area	Yes	Adityapur – 0.54 km
9	Areas occupied by sensitive man-made land uses (hospitals, schools, places of worship, community facilities)	Yes	Colony Prathamik Vidyalaya – 0.54 km, Sri Ram English High School – 1.97 km, G.R.D. English High School – 1.85 km, NIT Jamshedpur – 2.24 km, Srinath College of Education, B.Ed. College – 1.15 km, Meditrina Hosital Jameshedpur – 0.76 km, Railway Hospital – 0.60 km, 111 Savelife Hospital – 0.25 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	Uploaded a copy of PFR.
2.	Upload a copy of EMP	Uploaded a copy of EMP.
3.	Upload Scanned copy of covering letter.	Uploaded Scanned copy of covering letter..
4.	Upload Additional attached if any(Single PDF)	Uploaded Additional attached if any(Single PDF).
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.)	05/09/2019	You are requested to upload the following: 1.CO certificate as 58 meeting of SEIAA. 2.DFO wildlife & territorial certificate as per 67 meeting of SEIAA. 3.Gram Sabha. 4.NOC from AAI. 5.NOC from FIRE department. 6.NOC from CGWA. 7.Approved Building Plan. 8.All other requisite documents as per 51 meeting of SEIAA.	
(2.)	12/10/2019	The correction have been made as per the instruction received	

Additional Details Sought

S. No.	ADS Sought Date	ADS Sought	Letter
NO Record			

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	Shashidhar Mandal
Designation	MunicipalCommissioner
Name of Company (Applicant Name should not be given here)	ADITYAPUR MUNICIPAL CORPORATION
Address	Mohalla- Kashidih Adityapur,