

FORM-1

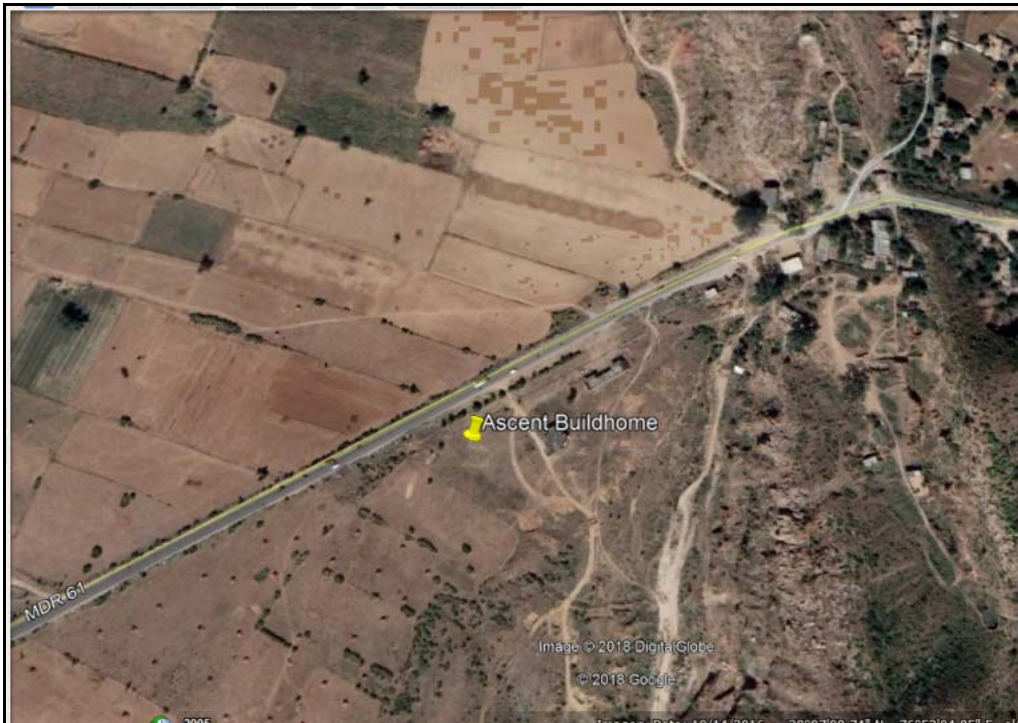
FORM 1

I Basic Information		
S. No.	Item	Details
1.	Name of the Project/s	: “Khushi Residency” -Affordable Group-Housing Project”
2.	S. No. in the schedule	: The proposed project is categorized under item 8(a) of Schedule – Gazette Notification dated Sep 14 th , 2006 and its subsequent amendments thereafter.
3.	Proposed capacity/area/ length/ tonnage to be handled/ command area/ lease area/ number of wells to be drilled	: The project details are as tabulated below: <ul style="list-style-type: none"> • Project Type: Affordable Group Housing Complex • Project Capacity: <ul style="list-style-type: none"> ➤ Total Plot Area: 18,951.20 Sq.m. ➤ Built Up Area: 66,612.79 Sq.m. ➤ Number of Blocks: 6 residential Block ➤ Flats no and Type: <ul style="list-style-type: none"> • Total – 1100 nos • EWS- 250 nos • LIG– 850 nos ➤ Other Facility: <ul style="list-style-type: none"> • Commercial, Club House etc
4.	New /Expansion/Modernization	: New Project
5.	Existing capacity/area etc	: The project is a proposed project hence not applicable
6.	Category of project i.e. 'A' or 'B'	: Category- B
7.	Does it attract the general condition? If yes, please specify.	: No, as general conditions are not applicable on projects listed under Item 8 of the schedule- EIA Notification, 2006 and its subsequent amendments thereafter.
8.	Does it attract the specific condition? If yes, please specify.	: No, as specific conditions are not applicable on projects listed under Item 8 of the schedule- EIA Notification, 2006 and its subsequent amendments thereafter.
9.	Location Plot/Survey/Khasra no.	: RHB- GH-15

Village	:	Khori Kala
Tehsil	:	Tijara
District	:	Alwar
State	:	Rajasthan

The Geographical Location is as under :

Figure 1: Location Map



10.	Nearest Railway station/Airport along with distance in kms.	:	<p>The name, distance and direction of nearest Railway station/Airport are as under:</p> <p>1. Railway Station: Name: Rewadi Railway Station Aerial Distance & Direction: 26.5 km (NW)*</p> <p>2. Airport: Name: Kota Airport Aerial Distance & Direction: 6.4 km (SSE)*</p> <p><i>*As measured from Google Earth.</i></p>
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11.	Nearest Town, City, District Headquarters along with distance in kms	:	<p>The name, distance & direction of Nearest Town, District Headquarters along are as under:</p> <p>1. Nearest town: Name: Biwadi City Aerial Distance & Direction: 10.0 km (N)*</p> <p>2. District Head Quarter: Name: District Head Quarter Aerial Distance & Direction: 66.5 km (SW)*</p> <p><i>*As measured from Google Earth.</i></p>
12.	Village Panchayat, Zilla Parishad, Municipal Corporation, Local body (Complete postal address with telephone no. to be given)	:	<p>The project site is under the jurisdiction of Rajasthan housing Board, Jaipur. Address - Jyoti Nagar, Jaipur, Rajasthan 302005, Phone: 0141 274 0812</p>
13.	Name of the applicant	:	Ascent Buildhome Developers Ltd
14.	Registered address	:	J- 100 (Basement), Ashok Chowk, Adarsh Nagar, Jaipur, Raj – 302004
15.	Address for correspondence:		
	Name	:	Murshid Ahmend
	Designation (Owner/Partner/CEO)	:	Director
	Address	:	J- 100 (Basement), Ashok Chowk, Adarsh Nagar, Jaipur, Raj
	Pin Code	:	302004
	E-mail	:	ascentbuildhome@gmail.com
	Telephone no.	:	--
	Fax No.	:	--
16.	Details of alternative sites examined, if any. Location of these sites should be shown on a Toposheet.	:	No alternative site was examined
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?	:	No
22.	Whether there is any Government Order/ Policy relevant/relating to the site	:	None
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 set up? a. Name of the Court b. Case No. c. Orders/directions of the court, if any and its relevance with the proposed project.	:	No litigation is pending against the project in any court of law as per legal undertaking provided by project proponent.

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.)		
S. 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	No	Land use & Land cover: The land is duly converted for group housing purpose by Rajasthan housing Board on 18.06.2018. Construction will be done under Provisions of Chief Minister's Jan Awaas Yojna 2015.

	(with respect to local land use plan)		Copy of land documents is enclosed as Annexure VIII The proposed affordable group housing project will have a building foot-print of 6,489.75 Sq. m. (34.24%) and plantation area of about 2,874.07 sq. m. (15.17%). Topography: The topography of the site is almost flat with gentle slope tending towards North West from South East. The highest elevation at 305 mRL and the lowest elevation is 298 m RL.																
1.2	Clearance of existing land, vegetation and buildings?	No Yes	Land & Building: There are no existing buildings at the site. Vegetation: During the survey, few shrubs & herbs are observed which will be cleared during construction phase. No existing trees are coming within building line.																
1.3	Creation of new land uses?	No	The land is duly allotted for group housing purposes. Thus, there will be no creation of new land use. However, the internal land use pattern will change and the same will be as under: <table><thead><tr><th>Particulars</th><th>Details</th></tr></thead><tbody><tr><td>Plot Area</td><td>18,951.20 m²</td></tr><tr><td>BAR</td><td>Permissible: 3.37 (63,960.30 m².) Proposed: 3.33 (63,236.77 m²)</td></tr><tr><td>Built-up area</td><td>66,612.79 m²</td></tr><tr><td>Ground coverage</td><td>Proposed: 6,489.75 m² (34.24%)</td></tr><tr><td>Landscape area</td><td>Proposed: 2874.07 m² (15.17%)</td></tr><tr><td>Parking</td><td>Proposed: 2875 m² (15.17%) Open Surface Parking : 476 ECU</td></tr><tr><td>Paved area (road, Foot Path etc)</td><td>Proposed: 6,712.38 m² (35.42%)</td></tr></tbody></table>	Particulars	Details	Plot Area	18,951.20 m ²	BAR	Permissible: 3.37 (63,960.30 m ² .) Proposed: 3.33 (63,236.77 m ²)	Built-up area	66,612.79 m ²	Ground coverage	Proposed: 6,489.75 m ² (34.24%)	Landscape area	Proposed: 2874.07 m ² (15.17%)	Parking	Proposed: 2875 m ² (15.17%) Open Surface Parking : 476 ECU	Paved area (road, Foot Path etc)	Proposed: 6,712.38 m ² (35.42%)
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1.4	Pre-construction investigations e.g. bore houses, soil testing?	No	There will be no physical impact on the locality due to the soil testing or other pre-construction investigations.																
1.5	Construction works?	No	Construction of built up area of 66,612.79 Sq. m. will be done at the site. The construction activities may																

			have temporal impact on the nearby receptors. The same will be mitigated by effective EMP.										
1.6	Demolition works?	No	No demolition work is involved in the proposed project.										
1.7	Temporary sites used for construction works or housing of construction workers?	No	The same will be used for storage or guard room in the post construction phase.										
1.8	Above ground buildings, structures or earth works including linear structures, cut and fill or excavations.	Yes	<p>The project will involve construction of 6 blocks will attain a maximum height of 37.5 m (up to Mumty Level). The details of the same are tabulated as under:</p> <table border="1"> <thead> <tr> <th rowspan="2">Tower</th><th rowspan="2">Floor</th><th colspan="2">Height (in m)</th></tr> <tr> <th>Terrace</th><th>Mumty Level</th></tr> </thead> <tbody> <tr> <td>1</td><td>G + 9</td><td>30.00</td><td>37.5</td></tr> </tbody> </table> <p>This will add to the change in the localized physical environment.</p> <p>One basement will be constructed under block C. Approximately 1200 cum. soil will be generated Top soil will be utilized within the site and excessive soil will be send to vendor.</p>	Tower	Floor	Height (in m)		Terrace	Mumty Level	1	G + 9	30.00	37.5
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1.9	Underground works including mining or tunnelling?	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 & manufacturing processes?	No	Not applicable										
1.14	Facilities for storage of goods or materials?	No	Temporary office will be constructed during construction phase for material storage. Thus the impact on physical environment will be temporary.										
1.15	Facilities for treatment or disposal of solid waste or liquid effluents?	Yes	<p>Construction Phase: The project is anticipated to generate approximately 1465 MT construction waste. The waste will be reused upto maximum possible extent and the remaining waste will be sold to authorised vendors for recycling and reuse.</p>										

			<p>Operational Phase: The estimated quantity of MSW due to project operation is 2004 Kg/Day (Residential 2000 Kg/Day + Commercial 4 Kg/Day) comprising 1743 Kg/Day Biodegradable waste and 261 Kg/Day Non Biodegradable Waste. Efforts will be made to recycle the waste to the best possible extent. The waste will be collected on daily basis and will be sent to Municipal Corporation disposal sites through authorized vendors. No In situ Treatment will be provided</p> <p>Typical waste composition for both the phases is given in Environmental Management Plan.</p>
1.16	Facilities for long term housing of operational workers?	No	No long term housing facilities for operational workers will be provided
1.17	New road rail or sea traffic during construction or operation?	No	<p>There will be no new rail or sea traffic. However, during construction phase, there will be insignificant increase in road traffic levels due to inward and outward movement of vehicles carrying construction material. Similarly in the post construction phase, there will be increase in the traffic levels due to influx of residential people. The increased traffic load due to the proposed project at 100% occupancy will be 651 ECU including the traffic load contributed by visitors.</p> <p>Parking Facility for 651 ECU is provided in Basement and open area. Details of parking are given in Environmental Management Plan.</p>
1.18	New road, rail, air waterborne or other transport infrastructure including new or altered routes and stations, ports, airports etc?	No	There is no new rail, air borne transport infrastructure required due to the project.
1.19	Closure or diversion of existing transport routes or	No	Due to the upcoming project, there will be no closure or diversion of existing transport routes or

	infrastructure leading to changes in traffic movements?		infrastructures leading to changes in traffic movements.
1.20	New or diverted transmission lines or pipelines?	No	There will be no diversion of transmission and pipelines, though the project involves construction of new internal pipelines for fresh water, recycled water, rain-water harvesting, sewer lines and internal power distribution lines. The impact of the same will be insignificant.
1.21	Impoundment, damming, culverting, realignment or other changes to the hydrology of watercourses or aquifers?	No	The project will not involve any impoundment, damming, culverting or realignment or other changes to the hydrology of watercourses or aquifers.
1.22	Stream crossings?	No	No Stream is crossing proposed project site.
1.23	Abstraction or transfers of water from ground or surface waters?	Yes	The fresh water demand of the project is 354 KLD. The demand will be met through PHED water supply. Copy of receipt of application submitted to PHED is enclosed as Annexure XVI . No direct abstraction or transfers of water from ground or surface waters will be done without obtaining prior permission.
1.24	Changes in water bodies or the land surface affecting drainage or run-off?	Yes	There is no nearby water body. The land surface affecting the drainage will be mildly altered (retaining the same direction) to provide effective surface runoff co-efficient from paved areas (0.75) by capturing the maximum surface run off through well designed storm-water pipe-network of rain water harvesting and will be used for recharge (7,877.63 cu. m./annum) of the aquifers.
1.25	Transport of personnel or materials for construction, operation or decommissioning?	Yes	Construction Phase: There will be movement of personnel, materials and machineries during the construction phase. Local people will be hired for construction work and construction material and machinery required will also be mobilized from the local area to minimize the impact. However, there will

			<p>be contribution of marginal noise & vehicular emissions which will be mitigated by implementation of effective EMP.</p> <p>Operational Phase: During project operation, there will be movement of people in and out of the project regularly. At the time of 100% occupancy there will be additional 651 ECU on road.</p>
1.26	Long-term dismantling or decommissioning or restoration works?	No	On long term restoration works for the project will be an ongoing activity, which will not have any impact on physical environment.
1.27	Ongoing activity during decommissioning which could have an impact on the environment?	No	There is no decommissioning activity related to the project.
1.28	Influx of people to an area in either temporarily or permanently?	Yes	There will be temporary influx of construction workers and people carrying construction material during construction phase. The impact due the same will be temporary and insignificant. During the operational phase, there will be regular movement of residents, visitors, staff and related personals. This may impact on physical environment in terms of increases traffic load and vehicular emissions generated due to the same.
1.29	Introduction of alien species?	No	No alien species will be introduced
1.30	Loss of native species or genetic diversity?	Yes	During pre construction activity local shrubs, herbs and grasses will be removed. The loss of local species will be compensated with other local and local/native species in operational phase. No endangered, threatened or endemic species exist in the study area, therefore; site specific impact will be negligible and insignificant.
1.31	Any other actions?	No	Not applicable
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):														
	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	Total 18,951.20 Sqm. of the land has been acquired for the project. The land has been duly converted for group housing purposes.												
2.2	Water (expected source & competing users) unit: KLD	Yes	Construction Phase: Demand 9 KLD; Source: Tanker supply. Operational Phase: Demand Total: 512 KLD Fresh water: 354 KLD ; treated waste water: 158 KLD Source: PHED water Supply & Treated waste water from STP.												
2.3	Minerals (MT)	Yes	Construction material like bricks and stone etc.												
2.4	Construction material – stone, aggregates, sand/ soil (expected source – MT)	Yes	The construction materials will be procured from nearest local market. The estimated quantities of construction materials to be used are as under: <table><tr><th>Material</th><th>Quantity</th></tr><tr><td>Coarse aggregate</td><td>32,640 cu. m.</td></tr><tr><td>Fine aggregate</td><td>34,638 cu. m.</td></tr><tr><td>Cement</td><td>4,79,612 Bags</td></tr><tr><td>Structural Steel</td><td>3997 MT</td></tr><tr><td>Bricks</td><td>105 Lacs nos.</td></tr></table>	Material	Quantity	Coarse aggregate	32,640 cu. m.	Fine aggregate	34,638 cu. m.	Cement	4,79,612 Bags	Structural Steel	3997 MT	Bricks	105 Lacs nos.
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2.5	Forests and timber (source – MT)	No	The use of wood in the project has been planned minimum to the extent possible.												
2.6	Energy including electricity and fuels (source, competing users) Unit: fuel (MT), energy (MW)	Yes	Electricity: Connected load- 5754.57 KW; Maximum Demand- 2928.29 KW. Fuel: 46.2 L/Hr HSD (sulphur content: 0.05%) for 200 kVA DG set.												
2.7	Any other natural resources (use appropriate standard units)	No	No other significant natural resources other than above are used												

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	Only HSD will be use which is hazardous as per MSIHC rules. There will be storage of 0.5 KL (approx) HSD in the inbuilt storage tanks of DG sets. This will not call for any approval from CIF&B as it is less than prescribed threshold limit (10,000 KL). The significant hazard due to the same will be negligible as the exposure level will be confined within a small area in the consequence of unforeseen hazard.
3.2	Changes in occurrence of disease or affect disease vectors (e.g. insect or water borne diseases)	No	None. However, untreated waste water if discharged may cause water born diseases. No waste water will be discharged in the environment without proper treatment. 404 KLD waste water will be treated in 450 KLD STP based on MBBR Technology. The biodegradable and non- biodegradable waste will be collected at earmarked places and will be sent to the Municipal Corporation disposal sites. Proper sanitization will be done to prevent any disease vectors.
3.3	Affect the welfare of people e.g. by changing living conditions?	No	The proposed project activities will not affect the living conditions.
3.4	Vulnerable groups of people who could be affected by the project e.g hospital patients, children, the elderly etc.,	Yes	There are various school and hospitals in 5 km radius. Possibility of adverse impact due to construction activities like noise generation, dust generation, increase in vehicular movement etc are negligible but cannot be ruled out. Due care and proper environmental management measures will be taken to

			avoid any adverse impacts. For operational phase no such impacts are anticipated.
3.5	Any other causes	No	No other causes are significant.
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	Not applicable
4.2	Municipal waste (domestic and or commercial wastes)	Yes	The details of the various activities generating solid waste, its classification, collection facilities, treatment and disposal are given in point 1.15.
4.3	Hazardous wastes (as per Hazardous Waste Management Rules)	No	No hazardous waste as per HWMR will be generated in construction as well as operational phase. Only DG spent oil will be generated in minimum quantities below threshold limits which will be carefully stored in High Density Polyethylene (HDPE) drums in isolated covered facility and will be disposed off to the registered actual users.
4.4	Other industrial process wastes.	No	No industrial process is involved, hence not applicable.
4.5	Surplus product.	No	Not applicable
4.6	Sewage sludge or other sludge from effluent treatment.	Yes	Only sewage sludge will be generated to the tune of 32 KLD will be generated from STP, which is if discharged untreated may result in groundwater and soil contamination. The sludge will either be used as manure in landscaping (after treatment) or sent to vendors.
4.7	Construction or demolition wastes.	Yes	No demolition waste will be generated. Details of the construction waste are given in Form 1 under section 1.15.
4.8	Redundant machinery or equipment.	No	There will not be any redundant machinery or equipment at site.

4.9	Contaminated soils or other materials.	No	Proper care will be taken to avoid contaminated soil. In case of any incident of contamination of soil; the same will be scrapped off and stored at earmarked places and sent to disposal sites.
4.10	Agricultural wastes.	No	There will be no agriculture waste.
4.11	Other solid wastes.	No	There is no other waste.
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 quantifies/ rates, wherever possible) with source of information data
5.1	Emissions from combustion of fossil fuels from stationary or mobile sources.	Yes	DG set of 200 kVA will be the only stationary source of emission. The DG will be used only in the case of power cuts or failure. Vehicular emissions will be the mobile source of emissions. Air quality modeling done for estimating the impact due to these activities shows that the incremental concentration of pollutants NO _x & CO will be within prescribed standards. However, effective mitigation measures like proper stack height, EPA/CPCB certified DG set, tree plantation, proper maintenance of internal roads etc will be adopted to further minimize the impacts.
5.2	Emissions from production processes.	No	There is no production process in the project.
5.3	Emissions from materials handling including storage or transport	Yes	There will be dust emissions and vehicular emissions from handling, storage and transportation of construction material. However, mitigation measures like covered transportation, covering of site during heavy construction activity, setting stock pile according to wind direction, stopping idling of vehicles etc will be adopted to mitigate adverse impact.
5.4	Emissions from construction activities including plant and equipment	Yes	There will be emissions from construction activities like Haul-road movements, Construction work, Material Transportation and Handling etc. These will

5.5	Dust or odours from handling of materials including construction materials, sewage and waste.	Yes	<p>result in increased levels of PM₁₀, PM_{2.5}, NO_x, HC, VOC etc. Preventive measures like minimizing drop heights of debris, enclosures, covered transport, use of barriers, wetting surface, plantation, avoiding idling of vehicles etc. will be adopted.</p> <p>Various construction activities like excavation, site leveling grinding, material transportation will generate dust. Mitigation measures as explained at point no 5.3 and 5.4 will help to reduce the impact.</p> <p>Odour will be generated due to Solid Waste and sewage generation and handling during and operational phase. Waste will be collected and stored properly and sent to authorized vendor in both the phases. Sewage will be routed to septic tank followed by soak pit during construction phase and Sewage treatment plant will be installed and maintained during operational phase.</p>						
5.6	Emissions from incineration of waste	No	There will be no incineration of waste.						
5.7	Emissions from burning of waste in open air (e.g. slash materials, construction debris)	No	No construction waste will be burned in open area. The waste will be reused to the maximum possible extent.						
5.8	Emissions from any other sources	No	Emission from none other source is anticipated.						
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	<p>Noise will be generated from the construction equipment's and operation of DG set. The expected noise level as per equipment specification will be as under:</p> <table><tr><th>Name of source</th><th>Noise Level at 16 m (50 ft) from Source in db (A)</th><th>Noise level at 1 m from source in dB (A)</th></tr><tr><td> </td><td> </td><td> </td></tr></table>	Name of source	Noise Level at 16 m (50 ft) from Source in db (A)	Noise level at 1 m from source in dB (A)			
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			Back hoe/ 81 105 Loader and Cranes-mobile Dump truck 83 107 Generator Not considered 75 (as prescribed by CPCB) Mitigation measures like EPA/CPCB certified DG set, PPF to workers, proper maintenance of construction equipments etc will be implemented to avoid adverse impacts.
6.2	From industrial or similar processes	No	Not Applicable.
6.3	From construction or demolition	Yes	No demolition work is involved Construction work machinery noise impact is explained at point no 6.1.
6.4	From blasting or piling	No	Blasting operations are not envisaged in the proposed project. Piling activities will generate noise max 100 dB (A) at 50 ft from source and 124 dB (A) at 3.3 ft from source. However, impact due to the same will be insignificant as no immediate adjacent receptors are present as of now.
6.5	From construction or operational traffic	Yes	There may be increase in the noise levels due to constructional /operational traffic arising due to the project. The same will be minimized by effective traffic management, sufficient width of driveways (Upto 4.70 m), effective green area (15.17%), and smooth traffic movement near the entry /exit points.
6.6	From lighting or cooling systems	No	There will be change in the light pollution level of the project area. Use of focused lights to the active areas is envisaged. Further, there will be no sky-lighting during the construction as well as post-construction phase.
6.7	From any other sources	No	No other sources are significant.
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.	Information/Checklist	Yes/	Details thereof (with approximate quantities/ rates,

No	confirmation	No	wherever possible) with source of information data
7.1	From handling storage, use or spillage of hazardous materials	No	The project will not involve any handling and storage of hazardous materials.
7.2	From discharge of sewage or other effluents to water or the land (expected mode and place of discharge)	Yes	Untreated waste-water may contaminate land and water. However, no untreated sewage will be discharged into the open surfaces. The wastewater generated will be treated in 450 KLD STP based on MBBR technology. About 214 KLD of excessive treated waste water will be supplied to adjoining lands for irrigation purposes and road side plantation.
7.3	By deposition of pollutants emitted to air into the land or into water	No	No source other than prescribed at above points will result into deposition of pollutants emitted to air into the land or into water.
7.4	From any other sources	No	There will not be any other sources, which will contaminate land & water resources.
7.5	Is there a risk of long term build-up of pollutants in the environment from these sources?	No	Significant contribution on long-term built-up of pollutants is not envisaged from this project.
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	Yes	There will be no hazardous substance or chemical used in the proposed project. However, spent oil from DG sets and transformers will be generated which will be stored in the spent oil tank prior to disposal to actual users at earmarked places.
8.2	From any other causes	Yes	The major risks involved in the project would be working at different construction heights and mishaps due to human errors, bad construction practices and associated electric hazards. All safety measures will be in place prior to commencement of operations so as to

			avoid any risk of human life and as per the prevailing local by laws.
8.3	Could the project be affected by natural disasters causing environmental damage (e.g floods, earthquakes, landslides, cloudburst etc)?	No	<p>The possibility of such incidents cannot be ruled out. However, as per the secondary data available no such precedents has been reported.</p> <p>Floods: To combat or avoid harms due to unforeseen flood circumstance and effective functioning pre-monsoon and post-monsoon checks of the drainage structures will be undertaken.</p> <p>Earth quakes: The site is located in the Seismic Zone IV, which is High damage risk zone as per the seismic zoning map of India given in BIS code IS: 1893 (Part1)-2002. However, the building design will be made with earthquake proof design structure.</p>
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	<p>Lead to development of supporting cities, 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 	Yes	The proposed project is coming up in a developing area. There may be ancillary and associated supporting infrastructure developments arising due to the proposed project.

9.2	Lead to after use of the site, which could have an impact on environment	No	It is a residential project.
9.3	Set a precedent for later developments	No	None
9.4	Have cumulative effects due to proximity to other existing or planned projects with similar effects.	No	None

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.	None within the study area	
2	Areas which are important or sensitive for ecological reasons - Wetlands, watercourses or other water bodies, coastal zone, biospheres, mountains, forests.	Sahibi Nadi Chaondi Nadi Sare Khurd Canal Masit Bandh Sare Khurd Pond Pond	12.2 km towards SW 10.8 km * towards SW 5.8 km * towards NE 5.8 km * towards SW 6.8 km * towards ENE 12.8 km * towards ESE
		Khorī Kalan PF Nakhnaul Open Scrub Guwalda PF Chaupanki PF Indaur RF Banvan PF Gondhan PF Khidapur PF Bhalka PF Meoli Kalan PF Adupur PF Gotoli PF	0.8 km * towards S 1.0 km * towards S 2.0 km * towards SE 3.5 km * towards E 4.7 km * towards E 4.0 km * towards N 5.0 km * towards N 9.0 km * towards S 11.8 km * towards S 11.1 km * towards SE 10.5 km * towards SE 10.9 km * towards SE

		Gai bar PF Palri PF Choharpur PF Kulawat PF Palla PF Ran gala RF Tapkan PF Rahna PF Shadipur PF Sirol Kalan PF	9.9 km * towards ESE 9.6 km * towards ESE 8.9 km * towards E 9.5 km * towards ENE 10.2 km * towards ENE 12.0 km * towards N 10.8 km * towards ENE 11.8 km * towards ENE 13.1 km * towards SE 13.2 km * towards SE
3	Areas used by protected, important or sensitive species of flora or fauna for breeding, nesting foraging, resting, over wintering, migration.	None within the study area	
4	Inland, coastal, marine or underground waters.	None within the study area	
5	State, National boundaries	None	-
6	Routes or facilities used by the public for access to recreation or other tourist, pilgrim areas.	MDR-61 : Aerial Distance 0.20 m (N)* SH-25: Aerial Distance 3.5 km (W)*	
7	Defence installations.	None	
8	Densely populated or built-up area	Bhiwadi City Tapukara	10.0 km (N)* 4.0 km (WSW)*
9	Areas occupied by sensitive man-made land uses (<i>hospitals, schools, places of worship, community facilities</i>)	<p>There are many areas occupied by hospitals, schools, places of worship, community facilities are in nearby area. Some of them are listed as below:</p> <p>Educational Facilities:</p> <ul style="list-style-type: none"> • Government Govt. primary School, Khori : 0.2 Km (NE), • Happy Convent School : 2.5 km (NW). • Kidzee Pre School: 3.6 km. (ENE)* • DP S School: 4.8 km. (W)* • GD Goenka Public School: 6.0 km. (NW)* <p>Medical Facilities:</p> <ul style="list-style-type: none"> • Agarwal Hospital: 3.0 km (WSW)* 	

		<ul style="list-style-type: none"> Govt. Hospital, Tapukara: 3.1 km (W SW)* Gera Hospital: 3.6 km. (SW)* Anjuman Hospital: 3.5 km (WSW)* <p>Worship Places:</p> <ul style="list-style-type: none"> Durga Mata Mandir: 3.3 km. (W SW)* Shiv Mandir: 2.5 km. (W)* Masjid : 0.6 km. (NNE)* Ram Mandir: 2.8 km. (W SW)* <p><i>*Aerial distance measured from Google earth.</i></p>	
10	Areas containing important, high quality or scarce resources (<i>ground water resources, surface resources, forestry, agriculture, fisheries, tourism, minerals</i>)	Tijara	The project falls under Tijara Block, which is categorized as “Over Exploited” block by CGWA.
11	Areas already subjected to pollution or environmental damage. (<i>those where existing legal environmental standards are exceeded</i>)	None	NA
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>)	Earthquake Zone IV	The area is classified as Zone IV which is Low Damage Risk Zone as per the BIS classification. Suitable seismic coefficients in horizontal and vertical directions respectively will be adopted while designing the structures.

(As per the available secondary data. #Source: Mapsheet No. 450/16 *Source: S.O.I)

"I hereby give undertaking that the data and information given in the application and enclosure 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 project will be revoked at our risk and cost."

Date:

Place: Jaipur

(Murshid Ahmed)

Director